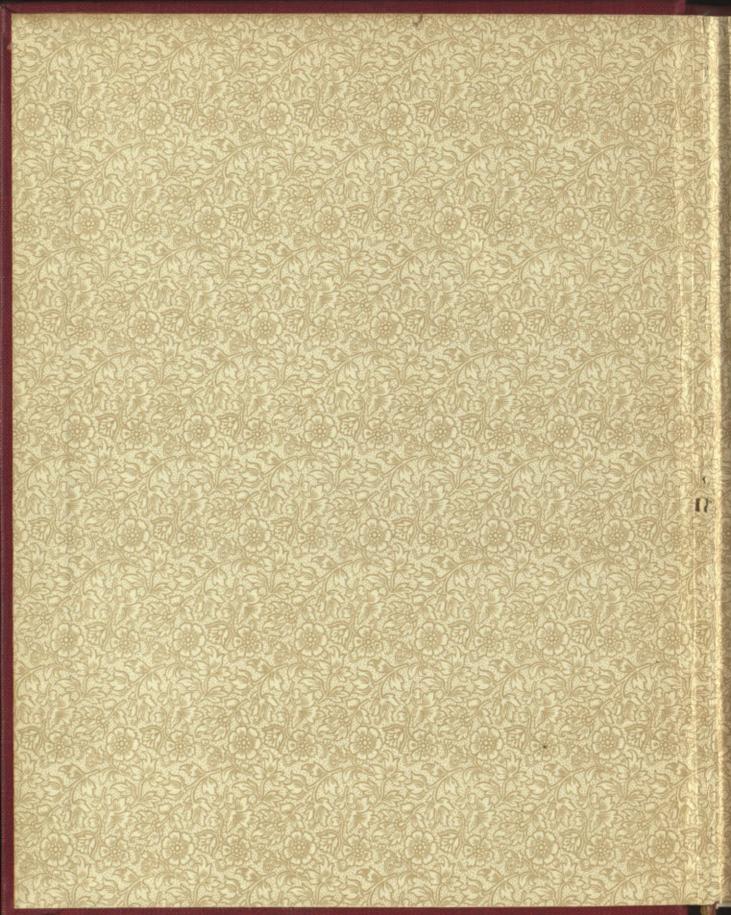
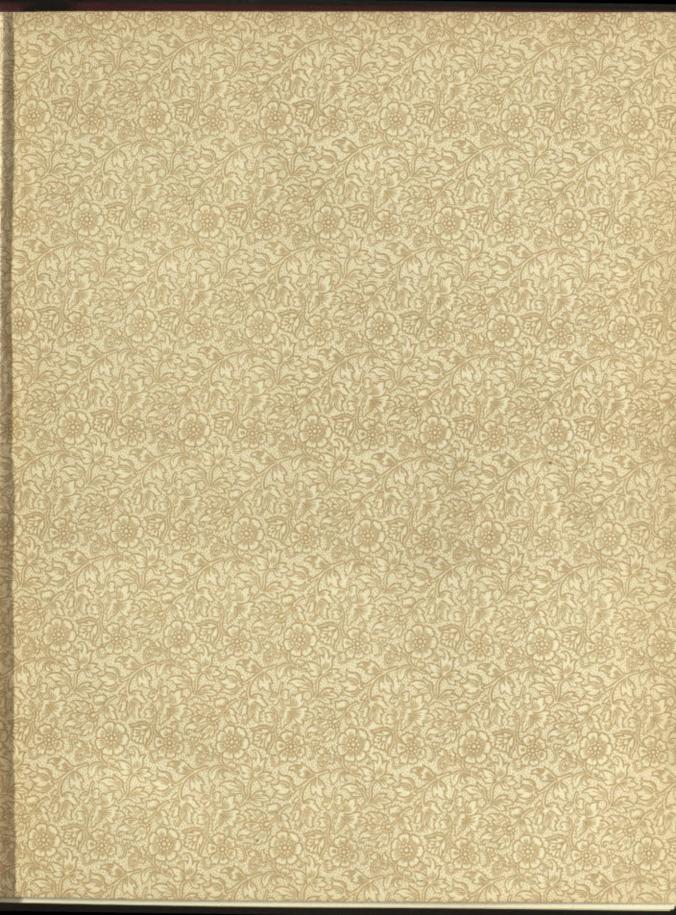
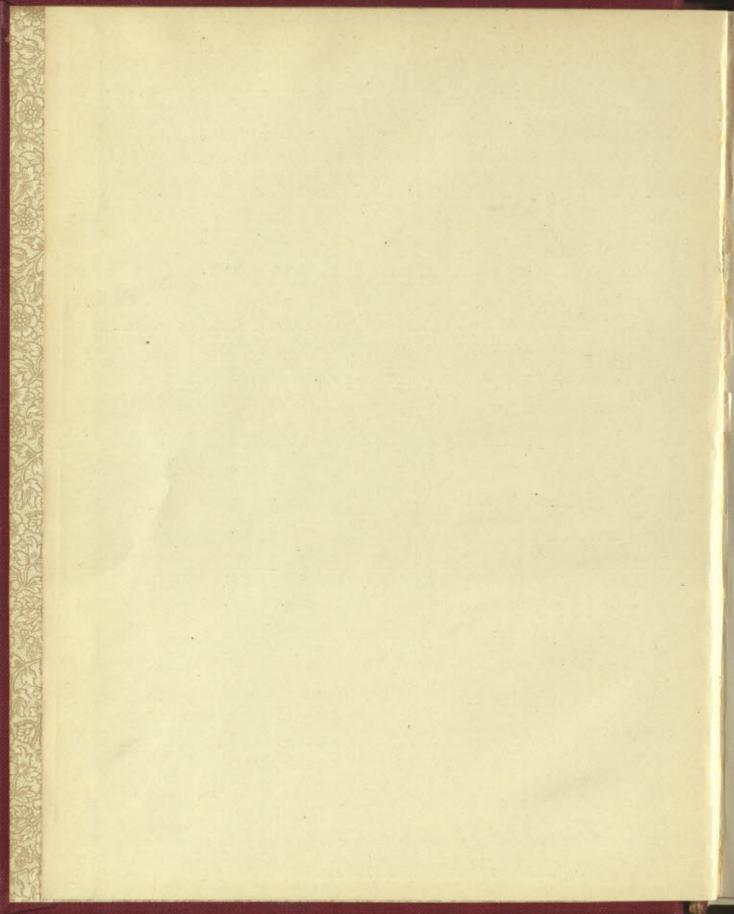
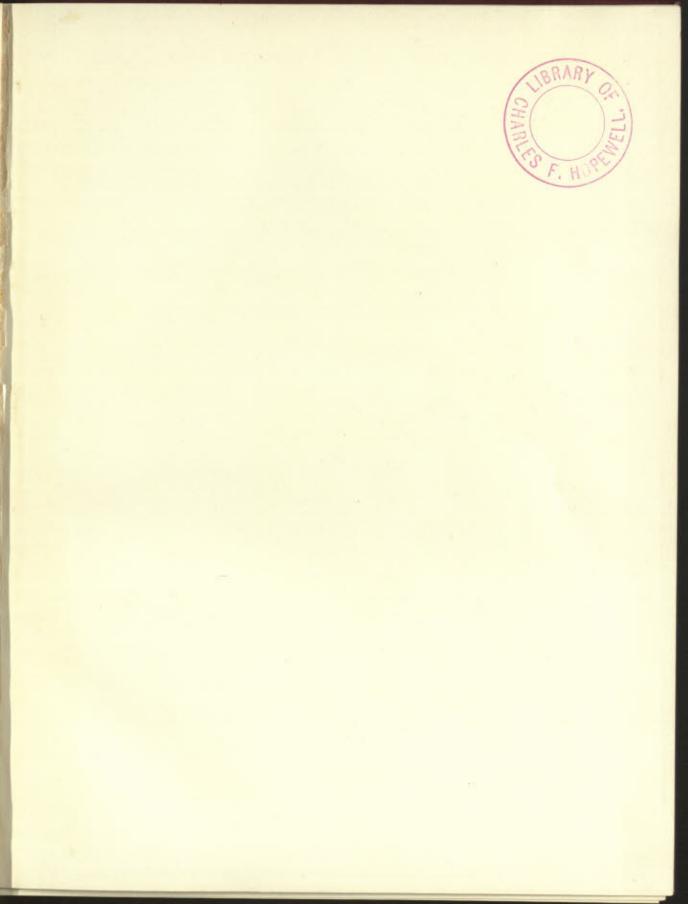


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Cechnique

Published Annually by the Junior Class of the Massachusetts Institute of Technology.



Volume XIII.

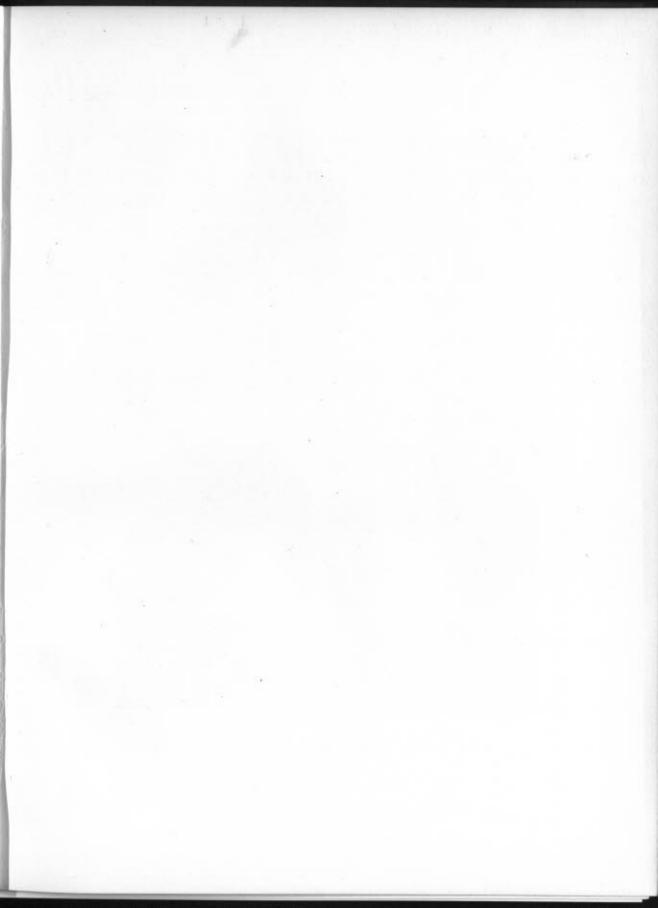
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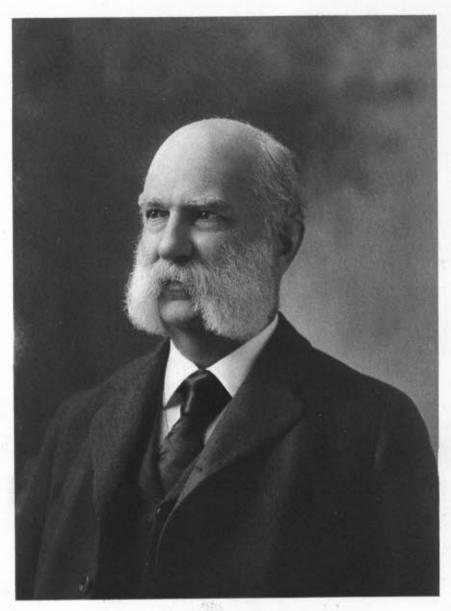


Boston 1898.

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Su Crafts

To reader, howsoe'er inclined,
Do bidde him welle where'er he looke
Ye symple maxim beare in minde,
"If words do sometimes sorlie rate,
'Tis but, in soothe, on pleasure bent."
fulle happie then we dedicate,
Hll worthie, to ye Dresident.



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I undertaking the preparation of this, the thirteenth volume of the Institute's annual publication, the editors soon realized that any further increase in size was undesirable, and hence decided to direct all efforts toward improvement along other lines. In carrying on the work thus begun, it has been our greatest aim to produce a volume which should be of interest not only to Technology men, but also to their friends. To this end we have endeavored to give in the following pages as complete a description as possible of the character and object of each

of the more prominent organizations of the Institute. In presenting these we have tried to secure an arrangement of matter which, while not impairing the unity of the various departments, should provide sufficient variety to hold the reader's interest and attention throughout the entire book. We have also exercised considerable care in the elimination of matter formerly published in Technique which, in our judgment, may be more properly found in other places.

Early in its career the Editorial Board suffered a severe loss in the withdrawal from the Institute of Messrs. Rood and Hewitt, of the artistic staff. Both, however, have contributed a considerable number of drawings, for which we desire to express our sincere thanks.

And now, with fear and trembling, we submit the results of our labors, and await the criticisms of our readers.



1897-98.

Hpril, 1897.

23.

Beginning of Junior Week,
TECHNIQUE, Volume XII., issued,
Junior Promenade, Pierce Hall.
Reception by the Editors of The Tech, The Tech Office,
Technology Theatricals, under the management of the Walker Club, Bijou Theatre.
Annual Spring Concert of the Musical Clubs, Association Hall.
Technology wins third place in the Relay Races at Philadelphia.
The Spring Meeting of Tech. Society of Philadelphia, Soula's Café.
TECHNIQUE, '99, Artistic Staff chosen,
Freshman Orchestra disbanded.

May.

1. Class Games at Holmes's Field Championship for the Year won by Class of Ninety-eight, with

- Class Games at Holmes's Field Championship for the Year won by Class o one hundred and nine points.

 Members' Tournament of the Tennis Association.

 Mechanical Engineering Society organized.

 Yacht Club Dinner, Young's Hotel.

 Tech, wins Senior and Junior prizes and two medals in Beaux Arts Competition.

 Dual Games with Harvard, Harvard, 663 points; Technology, 504 points.

 Professor Cross dismissed the second year Physics Class five minutes early.

 Sophomore-Freshman Baseball Game. Won by Nineteen Hundred; score, 16-7.

 Intercollegiate Drill, Mechanics Hall. Won by Brown University.

 Eleventh Annual Meeting of the N. E. I. A. A., Worcester,

 Annual Examinations begin. 14.

21.

22.

24. Annual Examinations begin.

June.

Reception tendered to members of the Faculty and Senior Class, by the Technology Alumni Association, Exchange Club.
 Concert given by Glee and Mandolin Clubs to the Senior Class and their friends, Huntington Hall.
 Baccalaureate Sermon, by Rev. Dr. Frisby, Trinity Church.
 Ninety-seven Class Day Exercises, Huntington Hall.
 Last Undergraduate Meeting of the Class of Ninety-seven.
 Graduation Exercises, Huntington Hall.

Hugust.

1. New York Yacht Club starts on a cruise with the Institute Yacht Club,

September.

21. Second Entrance Examinations begin,

The thirty-second year of the Institute opens with 1,198 students enrolled.

October.

 Professor Crafts and Professor Sedgwick address the Freshmen.
 Y. M. C. A. Reception to the Class of Nineteen Hundred and One.
 Freshmen hold their first Class Meeting.
 Tenis Tournament won by H. O. Ayer, '99.
 Walker Memorial Meeting held in Music Hall. Governor Wolcott presiding. Senator Hoar decimal of the Computer of Address of TI. 14. livers Memorial Address,

C.-E. A. Winslow elected President of the Class of Ninety-eight, K. M. Blake elected President of the Class of Ninety-nine.
 Athletic Mass Meeting, Huntington Hall.
 Professor James M. Crafts elected President of the Institute.
 Lewis Stewart elected President of the Class of Nineteen Hundred, Senior Class entertained at the Technology Club.
 Meeting of Graduate Class Secretaries, Technology Club.
 Fall Hundican Gunes, Evipaten Oval

30. Fall Handicap Games, Irvington Oval.

November.

Athletic Mass Meeting to consider benefits of an Advisory Council, Huntington Hall.
 Freshman Class adopts a Constitution.
 First Bohemian Dinner of the Architectural Society, at Kramer's.
 The Tech prints a joke with a point to it on the front page.

 Reception tendered President Crafts at the Technology Club.
 R. B. Clark elected President of the Class of Nineteen Hundred and One.

 Fourth Semi-annual Banquet of The Tech. Society of Philadelphia.
 Annual Sophomore-Freshman Cane Rush and Football Game, South End Grounds. Game won by Nineteen Hundred and One; score, 6-o. Rush won by Nineteen Hundred; score, 16-13.
 Ninety-nine Class Picture taken.

Ninety-nine Class Picture taken.
 Thanksgiving Vacation begins.

December.

 Athletic Association Meeting.
 Annual Winter Concert of the Musical Clubs, Huntington Hall.
 Reception by Y. M. C. A. at Student House.
 Class of Ninety-seven holds its first Alumni Dinner, Toastmaster, Procter C. Dougherty.
 Senior Class adopts a method for electing Class-day Officers.
 Annual Indoor Class Championship Games in the Gymnasium. Won by Class of Ninety-eight, Ecotball Association Meeting. Football Association Meeting. Football Association Meeting.

S. Senior Dinner, Exchange Club. Toastmaster, John S. Bleecker.

11. Mining Engineering Society organized,
Debating Society organized.
23-26. Christmas Vacation.
30. Annual Alumni Dinner, Exchange Club.
31. Seniors meet at Technology Club to see the old year out, and welcome their graduating year,

January, 1898.

Election of Nominating Committee for Ninety-eight Class Day Officers.
 M. I. T. Chess Club defeats Y. M. C. A., 4-3.
 Unveiling of the bust of President Walker.
 Annual Meeting of The Tech Board for election of officers.
 Regular Weekly Handicap Games.
 Semi-annual Examinations begin.

february.

Eleventh Annual Banquet of the Northwestern Alumni Association. The Technical Club, Chicago. Second Term begins.

25. Ground broken for the new building.

26. Annual Convention of New England Intercollegiate Athletic Association, Hotel Brunswick.

27. Annual Convention of Class of Seventy-seven, Technology Club.

28. Class Day election of Class of Ninety-eight. George Reed Wadsworth elected First Marshal.

29. Ground broken for the new building.

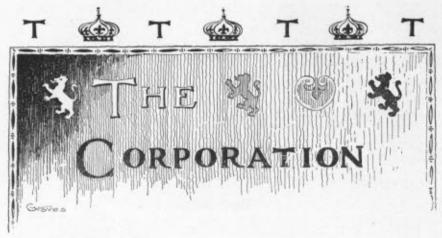
Ninety-nine Promenade Committee elected,

March.

Junior Dinner, Young's Hotel. Edward Hosmer Hammond, Toastmaster.
 Election of Nineteen Hundred Technique Electoral Committee.
 Annual Open Handicap Meet of the Technology Athletic Club, Technology Gymnasium.
 Sophomore Dinner, Hotel Thorndike. George Otto Schneller, Toastmaster.
 Sixth Annual Cross Country Run, won by H. A. B. Campbell, '99; record lowered 5S seconds.
 Freshman Dinner, Young's Hotel. James Bradford Laws, Toastmaster.

April.

Opening of Junior Week.
Reception at Technology Club.
Junior Promenade, Copley Hall.
Annual Spring Concert of the Musical Clubs, and Dance, Paul Revere Hall, Mechanics Building.
TECHNIQUE, Volume XIII., issued.
Reception by the Editors of The Tech, The Tech office.
Technology Theatricals, under the management of the Walker Club.



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JAMES M. CRAFTS.

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HON. WALBRIDGE A. FIELD, Chief Justice of the Supreme Court. HON. FRANK A. HILL, Secretary of the Board of Education.



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Bursar.

Albert M. Knight.



OFFICERS OF INSTRUCTION

pon ye features here sette forth,
Ye fame of Teche dothe reste;
Withe them am I fulle often wroth,
Bye them fulle often bleste.
Then everie man thatte woulde deplore,
In teares of saltie bryne,
Ye losse of one, bowe downe before
Ye facultie divyne.



James M. Crafts, S.B., President. Harvard S. S., '58.

Professor of Chemistry, Cornell, 1868-70; Professor of Chemistry, Massachusetts Institute of Technology, 1870-80 (non-resident, 1874-80), 1892; Member National Academy of Sciences, 1872.

Corresponding member of the British Association for the Advancement of Science,

Author of a short course in Qualitative Analysis, and of a series of papers on Chemical and Physical subjects published chiefly in the Comptes Rendus of the French Academy of Sciences—many of the papers in collaboration with C. Friedel.

Residence, 59 Marlboro Street.

J.margta





John & Runkle

JOHN D. RUNKLE, Ph.D., LL.D., Walker Professor of Mathematics.

B.S., A.M., Harvard University, '51; Ph.D., Hamilton College, '67; LL.D., Wesleyan University, '71.

Assistant upon the American Ephemeris and Nautical Almanac, 1849-84; Editor Mathematical Monthly, 1858-61; Professor of Mathematics, Massachusetts Institute of Technology, from 1865; Acting President, 1868-70; President, 1870-78.

Author of New Tables for Determining the Values of the Co-efficients in the Perturbative Function of Planetary Motion, the Manual Element in Education (published in Report of Massachusetts Board of Education) (1876-77), a second Paper on same subject in Report of 1880-81, Report on Industrial Education, American Institute of Education (1883), Analytic Geometry, etc.

Residence, High Street, Brookline.



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

Assistant Professor of Mathematics, U.S. Naval Academy, 1861-65; Professor of Mathematics, Massachusetts Institute of Technology, from 1866; Secretary of Faculty, 1868-71.

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

Residence, 11 Beacon Street.

Gr a Octorn



Robert N. Richards

ROBERT H. RICHARDS, S.B., Professor of Mining Engineering and Metallurgy.

M. I. T. '68, III.

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

Residence, 32 Eliot Street, Jamaica Plain.



Mm H. Noles

WILLIAM H. NILES, Ph.B., A.M., Professor of Geology and Geography.

Yale, S. S., '67.

Ph.B., Yale S. S., '67; A.M., Wesleyan, '69.

Professor of Physical Geography, Massachusetts Institute of Technology, 1871; Professor of Geology and Geography, Massachusetts Institute of Technology from 1878; Lecturer on Geology, Wellesley College, 1882; Professor of Geology, Wellesley College, 1883; President of the Boston Society of Natural History, 1892-97; President of the Appalachian Mountain Club, 1898.

Author of Agency of Glaciers in the Excavation of Valleys and Lake Basins, Zones of Physical Features of Mountains, Some Expansions, Movements, and Fractures of Rocks, observed at Monson, Mass., The Causes of the Recent Floods in Germany (1887), etc.

Residence, 10 Linden Street, Cambridge.



Charles R. Cross, S.B., Thayer Professor of Physics and Director of the Rogers Laboratory.

M. I. T., '70, Sci. and Lit. Course.

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 since its establishment, 1882.

Author of many original scientific papers on electricity, acoustics, and other branches of physics, published chiefly in the Proceedings of the American Academy of Arts and Sciences.

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Chas R. Cop



Gastano Laura

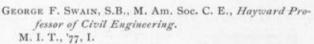
GAETANO LANZA, C.E., Professor of Theoretical and Applied Mechanics.

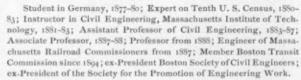
University of Virginia, '70.

Instructor, Massachusetts Institute of Technology, 1871-72; Assistant Professor, 1872-75; Professor of Theoretical and Applied Mechanics from 1875.

Author of Notes on Mechanical Engineering (1886), Notes on Friction (1887), Applied Mechanics (1885), and of many papers in Transactions American Society Mechanical Engineers, Proceedings Society of Arts, Proceedings British Institution of Civil Engineers, Technology Quarterly, 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 Arts, Journal Franklin Institute, Boston Society of Civil Engineers.

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George F. Swain



n B

Francis W. Chandler, M. Am. Inst. Arch., Professor of Architecture.

With Messrs. Ware & Van Brunt, Architects, 1864-66; Student in Paris, 1866-68; Assistant with Professor Ware at the Massachusetts Institute of Technology, 1869; Assistant Supervising Architect at Washington, 1870-73; in partnership with Mr. E. C. Cabot, of Boston, 1873-88; Professor of Architecture, Massachusetts Institute of Technology, from 1888; Advisory Architect to the Mayor of the City of Boston since 1806.

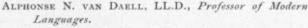
Author of A Few Hints About Drainage (1888), Construction Details (1892), Notes on Limes, Cements, Mortars, and Concretes (1892), etc.

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alphone M. mu Dall



B.A., Collège Saint Servais (Liège), '64; Ph.C., Louvain, '65; LL.D., Université de Liège, '68.

Professor of Modern Languages, Kentucky College, 1876-79; Instructor in Haverford College, and Lecturer in University of Pennsylvania, 1885-86; Director Modern Languages, Boston High and Latin Schools, 1886-89; Professor of Modern Languages, Massachusetts Institute of Technology, from 1880.

Author of A Monograph on the Study of Modern Languages, La Parole Française (in collaboration with Dr. L. Sauveur), Das Deutsche Buch (in collaboration with J. Schrakamp), Leander's Träumereien (edited and annotated), Heine's Harzreise (edited and annotated), Mémoires du Duc de Saint Simon (edited and annotated), An Introduction to the French Language, An Introduction to the French Authors, Extraits choisis de Paul Bourget, La Guerre de l'Independance (edited and annotated), etc.

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William J. Sognes

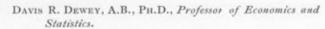
WILLIAM T. SEDGWICK, Ph.B., Ph.D., Professor of Biology.
Yale S. S., '77; Berzelius Society.

Ph.B., Yale, '77; Ph.D., Johns Hopkins, '81.

Assistant Professor of Biology, Massachusetts Institute of Technology, 1883-84, Associate Professor, 1884-91; Professor from 1891.

Author of General Biology (1886), New Edition (1895), Biological Examination of Water (1888), Sanitary Condition of the Water Supply of Lowell, Mass. (1891), The Purification of Drinking Water by Sand Filtration (1892), Modern Scientific Views of the Cause and Prevention of Asiatic Cholera (1892), numerous Reports to the State Board of Health of Massachusetts on Epidemics of Typhoid Fever Caused by Infected Water, Milk, etc., several papers on Education, various articles in Wood's Reference Handbook of Medical Science, etc.

Residence, 20 Chestnut Street.



University of Vermont, '79; Δ. Ψ.; Φ. B. K.

A.B., University of Vermont, '79; Ph.D., Johns Hopkins University, '86.

Teacher, Underhill, Vt., 1879-81; Principal Hyde Park High School, Chicago, 1881-83; Student and Fellow at Johns Hopkins University, 1883-86; Instructor, Massachusetts Institute of Technology, 1887-88; Assistant Professor, 1888-80; Associate Professor, 1889-92; Professor from 1892; Secretary American Statistical Association from 1886; editor of its publications from 1887; Appointed, 1894-95, Chairman of Board to Investigate the Subject of the Unemployed in Massachusetts; Member of Publication Committee of American Economic Association, 1895; appointed member of Board to Investigate Charitable and Reformatory Interests and Institutions of Massachusetts, 1896; Member, Department of Statistics, Boston, 1897.

Author of a Syllabus on Political History since 1815 (1887), Syllabus of Lectures on Economic Questions of Commerce (1892), reviews in Publications of American Statistical Associations, Suicides in New England, associated in Report on Unemployed, Graphic Statistics, etc.

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Dan P. Dewy



Silas to Holman.

SILAS W. HOLMAN, S.B., Professor of Physics, Emeritus. M. I. T., '76, VIII.

Assistant, Massachusetts Institute of Technology, 1876-80; Instructor, 1880-82; Assistant Professor, 1882-85; Associate Professor, 1885-93; Professor from 1893.

Author of Physical Laboratory Notes (1885), The Effect of Temperature on the Viscosity of Air and Carbon Dioxide (1886), Discussion of the Precision of Measurements (1887), Friction of Leather Belts on Iron Pulleys, Standard for the Resistance of Copper (1891), and numerous other papers in Proceedings American Academy, American Journal of Science, Appalachia, Journal of Franklin Institute, Technology Quarterly, etc.

Residence, Hotel Abbotsford, Brookline.



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

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

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

Residence, Lexington.

Webster Wells



6. b. habody

Cecil H. Peabody, S.B., Professor of Marine Engineering and Naval Architecture.

M. I. T., 77, II.

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

Author of Notes on Governors and Fly Wheels (1885), Notes on Valve Gears (1887), Thermodynamics of the Steam Engine and other Heat Engines (1889), 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, etc.

Residence, 10 Columbia Street, Brookline,



Harry In Tyles

HARRY W. TYLER, S.B., Ph.D., Professor of Mathematics. M. I. T., '84, V.

S.B., M. I. T., '84; Ph.D., Erlangen, '89.

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

Author of Entertainments in Chemistry, the Application of Determinant Theorems to a Particular Case, Ueber die Sylvestersche und die Bézoutsche Determinanten, Technological Education in the United States, The Educational Work of Francis A. Walker, etc.

Residence, Gray Cliff Road, Newton Centre.



ARLO BATES, LITT.D., Professor of English.

Bowdoin, '76; A. Δ. Φ.; Φ. B. K.

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

Author of Patty's Perversities, The Pagans, A Wheel of Fire, Berries of the Briar, Sonnets in Shadow, A Lad's Love, The Philistines, Prince Vance, Albrecht, Book o' Nine Tales, The Poet and His Self, Told in the Gate, In the Bundle of Time, The Torch Bearers, Talks on Writing English, and Talks on the Study of Literature.

Residence, 62 Chestnut Street.





Johnsigelong

JOHN BIGELOW, JR., CAPTAIN UNITED STATES CAVALRY, Professor of Military Science and Tactics.

West Point, '77, 2d Lieutenant.

With Tenth Cavalry in Texas, 1877-79; Instructor in Modern Languages, West Point, 1879-94; served under Generals Crook and Miles with Tenth Cavalry against Apache Chief Geronimo, in Arizona, 1884-86; Adjutant General District Columbia Militia, 1887-89; with Tenth Cavalry in Arizona and Montana, 1889-94; Professor M. I. T. from 1894.

Author of The Principles of Strategy.

Residence, 15 Babcock Street, Brookline.



D. Despradelle, Professor of Architectural Design.

Received first promotion at the Ecole des Beaux-Arts, 1882; many of the prizes at the Ecole des Beaux-Arts and Institut de France; received diplomas from Ecole des Beaux-Arts and Societé centrale des Architects français; took part in the Concour de Rome four times, and received first Second Grand Prix in 1889, Lauriat du Salon, officier d'Académie, Assistant Inspector State Buildings and National Palaces, and under this title helped in the building of the New Ministry of Agriculture, National Library, the mansion of M. Wilson, and M. Grévy (ex-President), and various other public and private edifices.

Meynadely

Peter Schwamb, S.B., Professor of Mechanism and Director of the Workshops.

M. I. T., '78, II.

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.

Author of Notes on the Elements of Mechanism (1885), Notes on Gearing (1888), etc.

Residence, 27 Water Street, Arlington.

Residence, 90 Pinckney Street.

Peter Schwamb

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M. I. T., '72, I.

Assistant Engineer, Providence Waterworks, 1872-73; Assistant Engineer, Providence Sewerage, 1873-75; Assistant Engineer, Newton Waterworks, 1875-76; Engineer Inspector, Boston Sewerage, 1877; Assistant Engineer, Atchison, Topeka & Santa Fé R. R., 1878-80; Assistant Engineer, Mexican Central R. R., 1880; Chief Engineer, Las Vegas Waterworks, and general engineering, 1880; Assistant Engineer, Atchison, Topeka & Santa Fé R. R., 1881-84; Secretary of the Society for the Promotion of Engineering Education, 1895-97; Director of Massachusetts Highway Association from 1895; Vice President Boston Society of Civil Engineers, 1897; Assistant Professor, Massachusetts Institute of Technology, 1887-89; Associate Professor, 1889-96; Professor from 1896.

Author of Measurement of the Angular Deflection of Beams Fixed at One End, Railroad Curves and Earthwork, Tables for Earthwork Computation, Railroad Engineering and Economics of Location, Roads and Road Building, Railroad Building with Reference to Economy in Operating, articles in Engineering Record, Railroad Gazette, Technology Quarterly, etc.

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Bowdoin, '78; Δ. K. E.; Φ. B. K.

Land Surveyor, 1878-79; Topographical Draughtsman and Topographer on U. S. Coast and Geodetic Survey, 1879-82; appointed Commissioner on Massachusetts Topographical Survey, 1895; in charge of Scientific Expedition to Umanak, Greenland, summer of 1806; Instructor in Topographical Engineering, Massachusetts Institute of Technology, 1882-84; Assistant Professor, 1884-89; Associate Professor, 1889-96; Professor from 1806.

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DWIGHT PORTER, Ph.B., Am. Soc. C. E., Professor of Hydraulic Engineering.

Yale S. S., '80; Berzelius Society.

Special Agent, Tenth Census U. S., Report upon Water Power, 1880-83; Instructor in Mathematics, Massachusetts Institute of Technology, 1883-85; Instructor in Civil Engineering, 1885-87; Assistant Professor of Civil Engineering, 1887-90; Associate Professor of Hydraulic Engineering, 1890-96; Professor, 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, Notes on Stereotomy and Warped Surfaces, etc.

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E.M., Met.E., Prussian School of Mines, Clausthal, '77; Ph.D., Ohio University, '89.

Practicing Metallurgist, 1877-85; Private Assistant to Prof. R. H. Richards, and Lecturer on Metallurgy, Massachusetts Institute of Technology, 1888-87; Professor of Metallurgy and Assaying, Dakota School of Mines, 1887-89; Assistant Professor of Mining and Metallurgy, Massachusetts Institute of Technology, 1889-91; Associate Professor of Mining and Metallurgy from 1891.

Author of Gold Milling in the Black Hills (1888), The Dry Assay of Tin Ores (1890), Recent Progress in the Treatment of Argentiferous Lead Ores (1892-96); Metallurgical Lead Exhibits at the Columbian Exposition (1893), Some Experiments on the Fusibility of Fire Clays, (1895), Further Experiments on the Fusibility of Fire Clays (1895). The Equipment of Mining and Metallurgical Laboratories (1896), The Metallurgy of Lead and the Desilverization of Base Bullion, etc.

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Harvard University, '69.

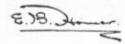
Instructor in Chemistry, Massachusetts Institute of Technology, 1874-76; Professor of Chemistry, Iowa Agricultural College, 1876-84; Assistant Professor of General Chemistry, Massachusetts Institute of Technology, 1894-95; Associate Professor from 1895.

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Author of the Great Epics of Mediæval Germany, Translator of Emanuel Geibel's Brunhild, Deutsche Litteraturdenkmale des 18 Jahrhunderts, Theories as to the Original Home of the Indo-European Race, Richard Wagner's Ring of the Nibelung Explained, and in part Translated, German Scientific Reader, etc.

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Author of Constitutional and Organic Laws of France, American Editor of Brockhaus's Konversations-Lexikon, Contributions to Magazines, etc.

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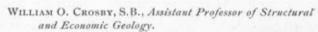
M. I. T., '86, V.

S.M., M. I. T., '87; Ph.D., Leipzig, '90.

Assistant in Analytical Chemistry, Massachusetts Institute of Technology, 1887-88; Instructor, 1890-93; Assistant Professor, 1893-97; Associate Professor of Organic Chemistry from 1897.

Author of a Detailed Course of Qualitative Analysis, Laboratory Experiments on the Class Reactions and Identification of Organic Substances, also numerous articles in Scientific Papers.

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Student Assistant in Paleontology, 1875-76; Assistant in Paleontology, 1876-78; Assistant in Geology, 1878-80; Instructor in Geology, 1880-83; Assistant Professor of Mineralogy and Lithology, 1883-92; Assistant Professor of Structural and Economic Geology from 1892.

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.

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Author of An Investigation as to How to Test the Strength of Cements (with G. Lanza), Experiments Relating to Theory of Beams, A Description of Some Repeated Stress Experiments, Notes on Graphic Statics, etc.

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Author of a number of Articles printed in the Transactions American Society of Mechanical Engineers, The Technology Quarterly, and other Engineering papers, "Steam Boilers" (with C. H. Peabody), etc.

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Harvard University, '87, A. Y.

Professor of Modern Languages, Mitchell's Boys' School, Billerica, Massachusetts, 1887-88; Instructor in Modern Languages, Massachusetts Institute of Technology, 1888-92; Assistant Professor of Modern Languages from 1892; Post-graduate Student in Germanic Philology at Harvard University, 1888-92; Director of Modern Languages in the Normal Summer School of Languages and Science, Normal, Illinois, 1890-92; Student in Germanic and Romance Philology, Heidelberg University, 1893-94. Editor and Annotator of Chamisso's Peter Schlemihl's wundersame Geschichte.

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Assistant, Massachusetts Institute of Technology, ISS4-S6; Instructor, ISS6-93; Assistant Professor from IS93; Member of the American Institute of Electrical Engineers, IS93; Consulting Electrical Engineer of the Inspection Department of the Factory Mutual Insurance Companies, IS94; Member of Managing Committee, A. I. E. E., 1896.

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A.B., Harvard University, '87; A.M., Harvard University, '89.

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

Author of Plane and Solid Analytic Geometry (with Professor Woods) (1897),

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University of Minnesota, '81; M. I. T., '84, V.

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S.B., M. I. T., '84; PH D., Leipzig, '90.

Assistant in General and Sanitary Chemistry, Massachusetts Institute of Technology, 1884-86; Instructor, 1887-88; Water Analyst, State Board of Health, 1888; Instructor in Gas Analysis, Massachusetts Institute of Technology, 1890-94; Assistant Professor from 1894.

Author of Beitrag zur Kenntniss des Ortho-dichlor Stilbens (1890), and various papers relating to Water and Gas Analysis in the Journal of the American Chemical Society, English Analyst, Fresenius' Zeitschrift, and Technology Quarterly, "Gas and Fuel Analysis for Engineers," a short Handbook of Oil Analysis.

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Student at the Massachusetts Institute of Technology, 1874, Instructor in Physics, 1883-95; Assistant Professor from 1895.

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A. E. Beigford

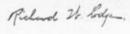


RICHARD W. Lodge, Assistant Professor of Mining and Metallurgy.

M. I. T., '79, III.

Assistant in Mining and Metallurgical Laboratory of the Massachusetts Institute of Technology, 1879-82; Mining in Colorado, 1880-81; Superintendent of Silver Mine in Nevada, 1881-82; Assistant in Mining and Metallurgical Laboratory of the Massachusetts Institute of Technology, 1882-83; Head Chemist for North Chicago Rolling Mill Company, South Chicago, Ill., 1883-85; Chemist for Sloss Iron and Steel Company, Alabama, 1887; Instructor in Mining and Metallurgical Laboratory of the Massachusetts Institute of Technology, 1889-94; Assistant Professor from 1895.

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Assistant in Physics and Astronomy at Wesleyan, 1885-86; Teacher in Mathematics in Genesee Seminary, Lima, N. Y., 1886-90; Instructor in Mathematics at the Massachusetts Institute of Technology, 1890-95; Assistant Professor, Massachusetts Institute of Technology, from 1895.

Author of Ueber Pseudominimalflächen, 1895; Plane and Solid

Analytic Geometry (with Professor Bailey) (1897).

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Instructor in McDonogh School, Maryland, 1886-89; Instructor in Biology, Massachusetts Institute of Technology, 1893-95; Assistant Professor of Biology from 1895.

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WILLIAM Z. RIPLEY, S.B., Ph.D., Assistant Professor of Sociology and Economics.

M. I. T., '90, I.

S.B., M. I. T., '90; A.M., '92, Ph.D., '93, Columbia.

Graduate Student, Massachusetts Institute of Technology, 1890-91; University Fellow, Columbia College, 1891-93; Instructor in Economics, Massachusetts Institute of Technology, 1893-95; Assistant Professor from 1895.

Residence, Newton Centre.

William Fripley



Joseph J. Skinner

Joseph J. Skinner, C.E., Ph.D., Assistant Professor of Mathematics.

Yale, '69.

Ph.B., '69, C.E., '74, Ph.D., '76, Yale.

Instructor in Engineering and Mathematics (and for part of the time in Physics and French), Sheffield Scientific School, Yale, 1873-81; Computer and Draughtsman, Statistical Atlas of Ninth Census, 1873-75; Manager and Treasurer of the American Electric Co., New Britain, 1881-83; Instructor in Mathematics, Massachusetts Institute of Technology, 1885-96; Assistant Professor from 1896.

Author of a book on Approximate Computations, and of some papers in scientific journals.

Residence, 23 St. James Avenue.



GEORGE H. BARTON, S.B., Assistant Professor of Geology. M. I. T., '80, III.

Assistant in Drawing, 1850-81; Hawaiian Government Survey, 1881-83; Assistant in Mineralogy and Lithology, 1883-88; Instructor in Determinative Mineralogy, 1888-89; Instructor in Geology, 1889-96; Assistant Professor of Geology from 1896.

Author of various papers on geology of Massachusetts, Hawaii, Labrador, and Greenland, published in Proceedings of Boston Society of Natural History, American Journal of Science, American Geologist, Science, Technology Quarterly, etc.

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Geo. H. Barton



ARTHUR G. ROBBINS, S.B., Assistant Professor of Highway Engineering.

M. I. T., '86, I.

Assistant in Civil Engineering, 1886-88; Instructor in Civil Engineering, 1888-93; Instructor in Highway Engineering, 1893-96; Assistant Professor from 1896.

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

Residence, 145 Highland Street, West Newton.





WILLIAM H. LAWRENCE, S.B., Assistant Professor of Architecture.

M. I. T., '91, IV.

Instructor in Architecture, 1891-96; Assistant Professor from 1896. Author of Elements of Shades and Shadows, Principles of Perspective.

Residence, 34 Summer Street, Dorchester.





Frank A Laws.

Frank A. Laws, S.B., Assistant Professor of Electrical Measurements.

M. I. T., '89, VI.

Assistant in Physics, 1899-91; Instructor in Physics, 1891-93; Instructor in Electrical Measurements, 1893-97; Assistant Professor of Electrical Measurements from 1897.

Author of a number of papers on Electrical Measurements, published in the Technology Quarterly, Proceedings of American Academy of Arts and Sciences, and Physical Review.

Residence, Brockton.



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H. W. Godwin.

HARRY M. GOODWIN, S.B., Ph.D., Assistant Professor of Physics.

S.B., M. I. T., '90, VIII.; Ph.D., Leipzig, '93.

Assistant in Physics, Massachusetts Institute of Technology, 1890-92; Instructor, 1892-97; Studying at Leipzig and Berlin, 1892-94; Assistant Professor from 1897.

Author of Laboratory Notes on Physico-Chemical Measurements; Some Experimental Researches in Acoustics, 1860; Studien zur Voltusche Kette, 1862; and other papers in scientific journals.

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1 Column Summer

JOHN O. SUMNER, A.B., Assistant Professor of History. Harvard, '87.

Instructor, Massachusetts Institute of Technology, 1894; Assistant Professor from 1897.

Residence, Cedar Square, Roxbury.





HENRY K. BURRISON, S.B.

e pages next showne in displaye,

Withe manie names are writte,
Ye bearers of whiche proude arraye,
Hre men of lyttle witte.
Yet fulle amonge thys motlie thronge
Hre some, mayhappe, will be,
If wearie years theye plodde alonge,
Withinne ye facultie.

Instructor in Mechanical Drawing.

M. I. T., '75, I. Residence, 26 Lincoln Park, West Newton. Instructor in Sanitary Chemistry. ELLEN H. RICHARDS, S.B., A.M. M. I. T., '73, V.; A.M., Vassar, '70. Residence, 32 Eliot Street, Jamaica Plain. Instructor in Freehand Drawing. CHARLES L. ADAMS . Residence, 256 Lamartine Street, Jamaica Plain. PETER S. BURNS, PH.D. . Instructor in General Chemistry. Iowa State College, '86; Δ. T. Δ. Residence, Milton. . Instructor in Industrial Chemistry and Textile Coloring. JOHN W. SMITH Residence, 7 Brookfield Street, Roslindale. Instructor in Mathematics. NATHAN R. GEORGE, JR., A.M. Harvard, '90; Θ. Δ. Χ.; Φ. Β. Κ. Residence, 18 Cumberland Street. . . . Instructor in Electrical Engineering. WILLIAM LINCOLN SMITH, S. B. M. I. T., '90, VI. Residence, Concord.

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Myron L. Fuller, S.B M. I. T., '96, XII.	Assistant in Geology.				
м. т. т., 90, мп.	Residence, 746 Huntington Avenue.				
CHARLES N. HASKINS, S.B M. I. T., '97, VIII					
	Attended, 132 Committee Control				
NATHAN HAYWARD, A.B., S.B. A.B., Harvard, '95; S.B., M. I	40.004 e 5.00 e 10.00 5.40 c				
	Residence, S5 Brattle Street, Cambridge.				
George L. Hosmer ,	Assistant in Civil Engineering. Residence, 350 Salem Street, Woburn.				
ELBRIDGE C. JACOBS, S.B	Assistant in Mining Engineering.				
M. I. T., '97, III.	Residence, 42 Mt. Vernon Street, Malden.				
HERMAN W. MARSHALL, S.B	Assistant in Biology.				
M. I. T., '97, VII.	Residence, 124 West Newton Street.				
Walter B. Russell, S.B M. I. T., '97, II.	Assistant in Mechanical Engineering.				
m. i. x., 9/, ii.	Residence, 4 Paulding Street, Roxbury.				
JAMES W. SMITH, S.B	Assistant in Mechanical Engineering.				
M. I. T., '97, XIII.	Residence, 7 Brookfield Street, Roslindale.				
PERCY G. STILES, S.B	Assistant in Biology.				
M. I. T., '97, VII.	Residence, 168 Walnut Street, Newtonville.				
ROBERT G. VALENTINE, A.B	Assistant in English.				
Harvard, '96.	Residence, i Willow Street.				
FRANCIS H. WATTS, S.B	Assistant in Civil Engineering.				
M. I. T., '97, I.	Residence, 109 Walnut Street, Natick.				
Alpheus G. Woodman, S.B M. I. T., '97, V.	Assistant in Sanitary Chemistry.				
	Residence, Essex.				

Instructors and Assistants in the Mechanic Arts.

THEODORE B. MERRICK		. Instructor in Woodwork and Foundry-work.
		Residence, Arlington Heights.
JAMES R. LAMBIRTH.	7	Instructor in Forging.
		Residence, 106 Paul Gore Street, Jamaica Plain.
ROBERT H. SMITH .	*	Instructor in Machine-tool Work.
		Residence, 567 Tremont Street.
MINOT A. BRIDGHAM		Assistant in Woodwork.
		Residence, 192 Auburn Street, Cambridge.
IRA G. STUDLEY .	80	Assistant in Machine-tool Work.
		Residence, Rockland.
WILLIAM F. HYDE .		Assistant in Forging.
		Residence, 79 Beacon Street, Hyde Park.

Instructor in Gymnastics.

HERMAN BOOS.

Residence, Foxboro.

Teachers and Lecturers for the Year 1897-98.

TRUMAN H. BARTLETT, on Modeling.

LOUIS BELL, Ph.D., on the Electrical Transmission and Utilization of Power.

GEORGE W. BLODGETT, S.B., on the Applications of Electricity to Railway Signaling.

JOHN BALCH BLOOD, S.B., on the Design of Alternating Current Machinery.

HENRY CARMICHAEL, Ph.D., on Electrolysis of Brine.

S. EVERETT DOANE, on Incandescent Lamps.

HOWARD C. FORBES, S.B., on Commercial Electrical Testing.

JOHN R. FREEMAN, S.B., on the Hydraulics of Fire Protection, and on Fireproof Construction.

HOLLIS FRENCH, S.B., on Electrical Engineering Practice and Specifications.

DAVID A. GREGG, on Pen and Ink Drawing.

HAMMOND V. HAYES, Ph.D., on Telephone Engineering.

ERNEST F. HENDERSON, Ph.D., on German History.

GEORGE M. HOLMAN, M.D., on Sanitary Bacteriology.

CHARLES D. JENKINS, S.B., on Illuminating Gas, and on Pottery and Tiles.

SIMEON C. KEITH, JR., S.B., on Industrial Biology.

ERNEST A. LE SUEUR, S.B., on the Industrial Applications of Electro-Chemistry.

ARTHUR D. LITTLE, on Paper.

JAMES W. LOVELAND, S.B., on Manufacture of Soaps.

SILAS M. MACVANE, Ph.D., on History.

SAMUEL W. MEAD, on Architectural Design.

HORATIO N. PARKER, on the Microscopical Examination of Water Supplies.

ODIN B. ROBERTS, S.B., A.M., LL.B., on the Nature and Function of Patents for Inventions.

LOUIS J. SCHILLER, on Sugar and Sugar Refining.

FRANK G. STANTIAL, S.B., on Sulphuric Acid.

ELIHU THOMSON, on Recent Developments in Applied Electricity.

ROSS TURNER, on Water Color.

C. HOWARD WALKER, on the History of Ornament.

C. J. H. WOODBURY, A.M., on Electricity in its Relation to Fire Risks.

James Mason Crafts.

AMES MASON CRAFTS was born in Boston, March 8, 1839, of an old New England family. His father, R. A. Crafts, was a merchant of the city and a pioneer in the manufacture of woolen stuffs in New England, for the success of which latter undertaking he received a medal from a textile association. His mother, Marianne Mason, was the daughter of Jeremiah Mason, a famous

lawyer of the period who argued in many a case in opposition to Daniel Webster. The Crafts made their home in the city, and the early life of James was like that of many another youth of the well-educated families. His student days began at a Mr. Kidder's school on Bowdoin Square, from which he was sent to a Mr. Sullivan's, in the neighborhood of the Park Street Church. He then entered the Boston Latin School; but finding a stronger inclination for general studies, he left that institution and passed a year under the tuition of Dr. Samuel Eliot. Early in school life he showed a fondness for practical experiment. This fondness turned chiefly toward chemistry; so much so, indeed, that, as he relates, his family frequently complained of "bad smells" in the house coming from a large, old-fashioned attic room, where he was busy with what chemicals he could buy. In 1855, when he was about to enter college, there began a movement in Boston toward the greater popularization of science. Several scientific men of reputation delivered lectures and undertook experiments, which, together with other events, created an unusual scientific atmosphere. Professor Horsford was then working successfully at Cambridge. Professor Rogers, of Virginia, who later became our first President, was delivering numerous lectures at the Lowell Institute, which young Crafts attended. Of greater influence on the mind of the latter than these lectures, however, was his meeting this lecturer at the house of his grandfather, where Professor Rogers was a frequent visitor when in the city. Here the young student listened with interest to many conversations on scientific subjects between the two older men. Professors Cook and Lovering were also at this time conducting a series of popular experiments, while Professor Agassiz had been lately called to the Lowell Institute. Finally, a little later, Abbott Lawrence had founded in Cambridge the scientific school which bears his name. All these events happening so near together created an unprecedented scientific atmosphere, which could hardly fail to influence a young man on the point of choosing his profession, especially one who was naturally scientifically inclined. It is not strange, therefore, to find young Crafts in the following year giving up his intention of going to college, and entering instead the Lawrence Scientific School, from which Institution he was graduated in 1858.

The next year was spent in the engineering department of the school, after which he began a period of six years of study in the foreign universities of Freiberg, Heidelberg, and Paris, under some of the most famous professors of their day.

In the year 1859, with a companion, Mr. Frank Washburn, afterwards killed in the war, he went to Freiberg, Saxony, to pursue the study of mining engineering, being decided upon this course by the great opportunities which that profession then offered to enterprise in the poorly developed mining districts of the United States. As a student there he was among the first Americans to take this course. At that time Freiberg was famous for Platiner's recently instituted system of blow-pipe analysis, and was resorted to on this account by mineralogists from all over Europe.

During this year he studied mineralogy and analysis; but feeling that chemistry had a greater claim upon his powers, he removed to Heidelberg, where he was fortunate enough to gain the friendship of Bunsen, and to secure a position in his private laboratory, where he witnessed the experiments which led the great chemist to the discovery of calcium and other elements. In 1861 he entered the Ecole de Medicine, in Paris, attracted by the wide reputation of Professor Würtz, one of the greatest of organic chemists. For four years he worked with inspiration and profit under the direct instruction of this scientist, and there laid the foundation of that true spirit of scientific research which has served him so well in later years.

Returning to America in 1865, Mr. Crafts undertook the examination of some silver mines in Sonora, and spent a year pleasantly traveling in California and Mexico. Upon his return to Boston he established a laboratory in Professor Horsford's old house, and there made the discovery of the ethers of arsenious and arsenic acids. When Cornell University was founded by Ezra Cornell, Mr. Crafts, then twenty-eight years of age, was called to the chair of Chemistry. In addition he became Dean of the Chemical Faculty, with charge of the entire department. The work was naturally of a pioneering character, and the laboratory, being of wood, "was expected to burn down at any time," but it afforded him opportunities for exercising organizing and administrative powers that have since been of untold value in his Institute work. While professor in the University he published a short course in Qualitative Analysis. In 1870 he accepted the professorship of Chemistry at the Institute, left vacant by the resignation of Professor Storer. Four years later, however, his health giving way, he was obliged to give up the active duties of the chair, but continued to hold the position as non-resident until 1880.

From 1874 to 1891 he lived chiefly in Paris, occupied in chemical and physical research at the Ecole des Mines, often in collaboration with Professor Friedel, who had succeeded Professor Wurtz in the chair of Organic Chemistry. Either independently or in conjunction with him, Professor Crafts there undertook experiments and investigations upon a number of chemical and physical subjects, the results of which are recognized to-day throughout the scientific world, and whose completion have placed him in the foremost rank of organic chemists. With Professor Friedel he studied the ethers of silicium and its compounds with organic radicals, discovering several new substances which tended to establish the atomic weight of the element. Together they perfected a method for the synthesis of a large number of organic compounds by means of the chloride of aluminum, and also examined the destructive effect of this upon petroleum, and the coal tar hydrocarbons. The density of the halogens, particularly of iodine, at very high temperatures, formed the subject of his next investigations, which resulted in the discovery of the dissociation of the iodine molecule into two atoms, the mode of dissociation being a point then in dispute. Chemists were greatly interested in this work, because Victor Meyer had supposed that the density of chlorine pointed to an entirely different structure of the molecule.

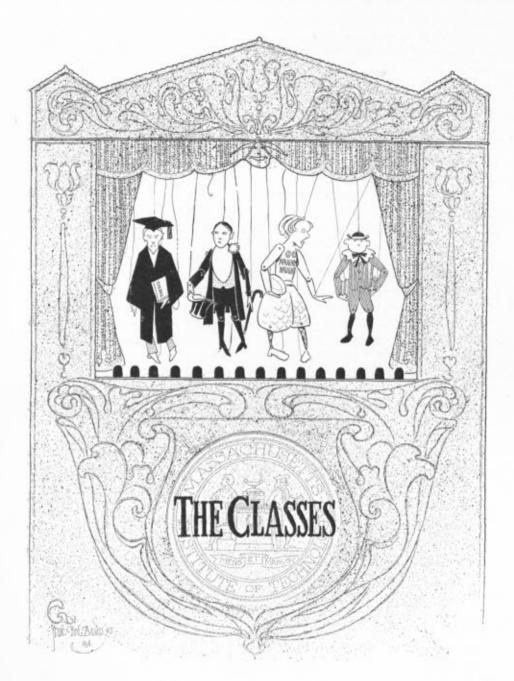
In the domain of physics Professor Crafts invented a new form of hydrogen thermometer, and undertook researches by means of which he found a method to greatly reduce the inaccuracies of reading of mercurial thermometers, by preventing the slow displacements of their fixed points, which method is now universally adopted for all accurate measurements. For this work he received the Jecker prize of two thousand francs offered by the French Academy of Science. In this connection he undertook, also, a series of experiments, with a new form of apparatus, to determine the coefficients of expansion of mercury and glass.

In 1891 Professor Crafts again returned to Boston, where he received the hospitality of the laboratories of the Institute, in which he continued his chemical and physical investigations. The same year he was elected a member of the Corporation. In 1892 he filled the chair of Organic Chemistry, becoming, after the departure of Professor Drown to Lehigh University, the head of the department. Upon the death of President Walker, in January, 1897, he was chosen Chairman of the Faculty, which position he retained until his election to the Presidency last autumn.

President Crafts married, in 1867, Miss Clemence Haggerty, and has now a family of four daughters. He is a corresponding member of the British Association for the Advancement of Science, member of the National Academy of Sciences, and a Chevalier of the Legion of Honor; the latter having been given in consequence of his work with thermometers. In addition, he belongs to many chemical societies in this and foreign countries. Besides his book on Qualitative Analysis, he is author of numerous chemical and physical papers, published chiefly in the *Comptes Rendus* of the French Academy of Sciences, many of these papers being in conjunction with Prof. C. Friedel.

President Crafts has lived a true scientist. His has been a life of hard and sustained scientific labors, not of a character to bring him forcibly or strikingly before the public, but of no less value on that account. As a teacher, he impresses those with whom he comes in contact equally by his modesty, kindness, and large ability. In conversation he reveals himself a man of broad culture and wide experience. No student under him neglects to cherish his words of encouragement at trying moments, or to discover the thorough scientific nature beneath his uniform dignified bearing. A member of the Class of '73 writes: "We could not fail to recognize in him the consummate master of science. His patience with beginners and his quickness to seek out ability make him universally respected in class room and laboratory."

President Crafts is fully aware of the needs of Technology. As professor, he has exercised his ability for some years in administrating the department of Chemistry. From him as President we may expect a like conscientious and wholesome administration, during which the Institute will zealously maintain the integrity of its endeavor and the soundness of its principles.



Class of '98.

Colors: Blue and Gray.

Yell.

Ninety-eight! Ninety-eight! Rah! Rah! Rah! Rah! Ninety-eight! Ninety-eight! Rah! Rah! Rah! Rah! Doo-rah! Doo-rah! M. I. T. Ninety-eight! Rah! Rah! Rah!

Class of '99.

Colors: Blue and Gold.

Yell.

Technology! Ninety-nine! Rab! Rab! Rab! Rab! Rab! Ninety-nine!



e symple freshman greene as grasse,
Ye foolish Sophomore ladde,
Ye Junior gaie as anie lasse,
Ye Senior lookinge sadde;
Bere in ye statelie halles of Teche,
Hlle these and more there be,
Who worke ye livelonge yeare, I recke,
To make Classe Distorie.

Class of 1900.

Colors: Crimson and Black.

Yell.

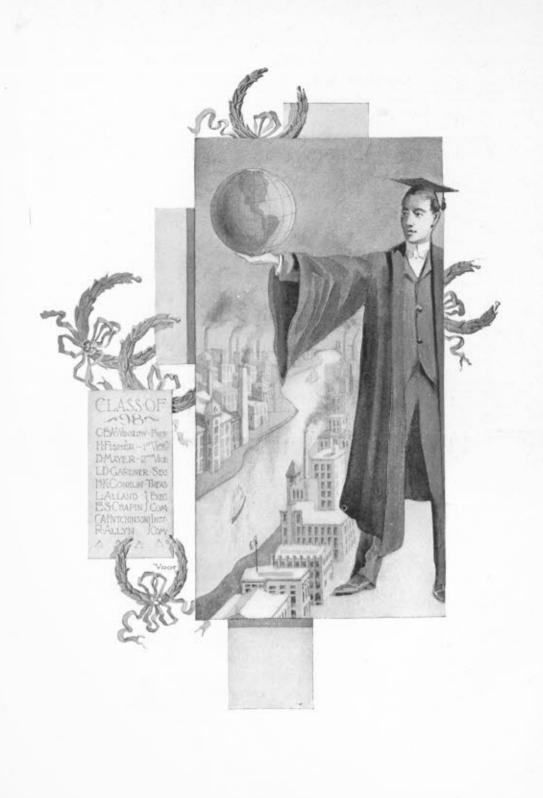
Boom, Rah! Boom, Rah! Boom, Rah! Ree! Nineteen Dundred! M. I. C.!

Class of 1901.

Colors: Orange and Black.

Yell.

Naughty-one! Naughty-one! Naughty-one Rah, Rah, Rah! Rah, Rah, Rah! Rah, Rah, Rah! Technology!





Senior Class history.

INETY-EIGHT had been poring over his books all the afternoon and a part of the evening in preparation for the exam, on the morrow. He had studied long and faithfully, and now his nerves were unstrung, and a host of formulæ chased each other rapidly through his tired brain. Recognizing the fact that he was no longer fit for study, he wisely resolved to spend the remainder of the evening at Keith's.

The resolution once made was quickly executed, and Ninety-eight soon found himself comfortably seated in an orchestra chair enjoying the vaudeville performance. Formulæ are forgotten, and the wit of the comedian and the skill of the dancer have caused a contented smile to rest peacefully on his countenance.

Ah! The Biograph! Ninety-eight straightens up, that he may see more clearly those wonderful moving pictures.

The first scene represents a throng of young men on the stone steps of an artistic building, some hurrying in, others coming slowly out examining a bunch of papers. Surely, that scene is familiar. Why, there's Ninety-eight himself. He, too, hurries into the building, and soon reappears with the inevitable bunch of papers. Seating himself in front of one of the windows he studies the papers diligently, then speaks to one of his

neighbors about them. He smiles now as he remembers the foolish questions he asked about those same papers, for he has recognized the scene as the front of Rogers Building on opening day three years ago.



But he has not much time to think of it, for almost immediately he is gazing on a lively scrimmage before the doors of Huntington Hall. How natural it is! Now '97 rushes forward, and it seems that they will surely gain admission to the hall where '98 is trying to hold her first class meeting. But no; '98 rallies, and the Sophs are hurled back! Here the fight is stopped by the interference of the higher authorities, and the class meeting goes on without further interruption. The machine does not show this,

but '98 recalls it all as he watches the scene outside the door. He remembers the printed tickets which were distributed asking the men to vote for the candidates there named, and thus defeat the "English High School clique," and he smiles audibly when he remembers that no such clique existed.

Again the scene changes, and now he sees a football game and cane rush at the South End Grounds. But the pictures are blurred, and he is spared the embarrassment of witnessing again the double defeat of his class. He recalls the "scrap" which raged all night and all day before the rush; how '97's flag was taken down from the pole by '98, only to be put back again, and how joyful the Sophs were over their double victory.

Ah! That's a festive scene. It is a room at Young's Hotel, where a dinner is in progress. Yes, there are all the boys just as they appeared that night. But why do so many of them leave the room and return later with flushed faces? O yes; he remembers, now, that no

wine was allowed at the table! Well, well! What fellows will do when they are Freshmen! Ninety-eight recalls the words of the speakers as each rises to respond to his toast. He recalls, too, how they were assaulted by the police on Washington Street, for cheering in the small hours of the morning after the dinner; how P-rtn-r was arrested and taken to the station; and how the eloquent appeal of "Hutch" secured his release.



But his thoughts are interrupted by the next scene, which is, indeed, a splendid one. It shows the interior of the Armory, with a column of erect young soldiers marching down the hall. How handsome they are! How gracefully they swing into line and sweep across the floor! And how proud yonder erect officer looks! Why, that's Captain Bigelow. Of course. This is the Competitive Drill with Harvard. No wonder Harvard lost, for that drilling is perfect.

This drill calls to mind the summer vacation, when all the buttons were cut off of Ninety-eight's coat. He remembers where every one of them went, and wonders now if Ethel still has hers; the rest of them don't matter much, anyway.

Well, what's this? Are they going to show that football game and cane rush again? It looks like it. The pictures are blurred, just the same as before. But no, this is another one; and when the cane rush is shown the blur disappears. Oh, yes; he remembers that very well! Why shouldn't he? Didn't his class win that cane rush by a score of "22 hands to 7 feet," as it appeared on the bulletin board? Why, sure! True, they lost the football game; but what does football amount to anyway?

South End Grounds again! Yes; and it's '98 and '99 again. But this time it is baseball. There is nothing very exciting, but '98 smiles as he remembers that his class won.

Another scene; and here are a lot of athletes. Ninety-eight can easily pick the winners, for he has seen that contest before, and knows that his class took the class championship.

Ah! Young's Hotel once more. Yes, that's a good reproduction. But they didn't have so much sport that time. Of course the dinner was good, the toasts were fine, and all had a very pleasant time; but

nobody was arrested, and, indeed, the police didn't even question them.

There! That's a scene in Junior Week, Pierce's Hall. That is just as it was that evening, too; that is, '98 supposes it is. He was too busy at the time to notice how the place looked or what other people were doing. All he remembers is the waltz with Ethel, the little têtea-tête with Ethel, and several other little things with Ethel. He remembers, too, that Ethel was at the Tech Tea; that she sat by his side at the Walker Club Play; that she told him when to applaud at the concert given by the musical clubs. Yes, she was by his side nearly all the time that week, and how happy he was!

Oh, hang it all! Why must they interrupt such pleasant memories with another athletic contest? Still, he may as well look at it. Let's see,—there's Grosvenor and Rumery; and there's Mayer, too. Yes, they're all there. And '98 again wins the Class championship.

Ninety-eight is proud of his class; and why should he not be? Who ever heard of a class adopting a Class Day election scheme without a big scrap? He is sure no other class ever did so.

But here's another picture. Ah! that's nearer the present. It's the Senior Dinner at the Exchange Club. That was the best dinner of all. What a fine toast list they had that night! And what a splendid time everybody had! Of course Z-mm-rm-nn did a foolish thing; but he wanted the autographs, and he might as well have them on his shirt front as anywhere.

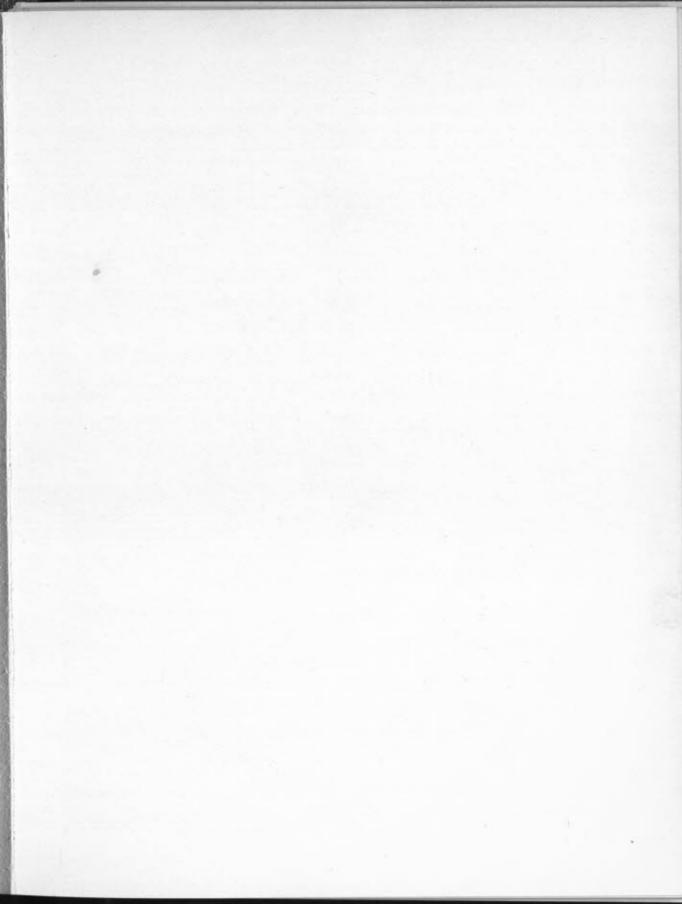
Now, what in the world can this be? Why, that's Hutchinson! Good fellow. But what's he doing? By the troubled look on his face as he studies that slip of paper, one would think he was figuring on the number of questions he failed to answer at the last exam. But that's no examination paper. Oh, no! Ninety-eight knows very well that it is that little bill from the Exchange Club, and he offers a prayer of thanks as he realizes that the audience can't read the items.

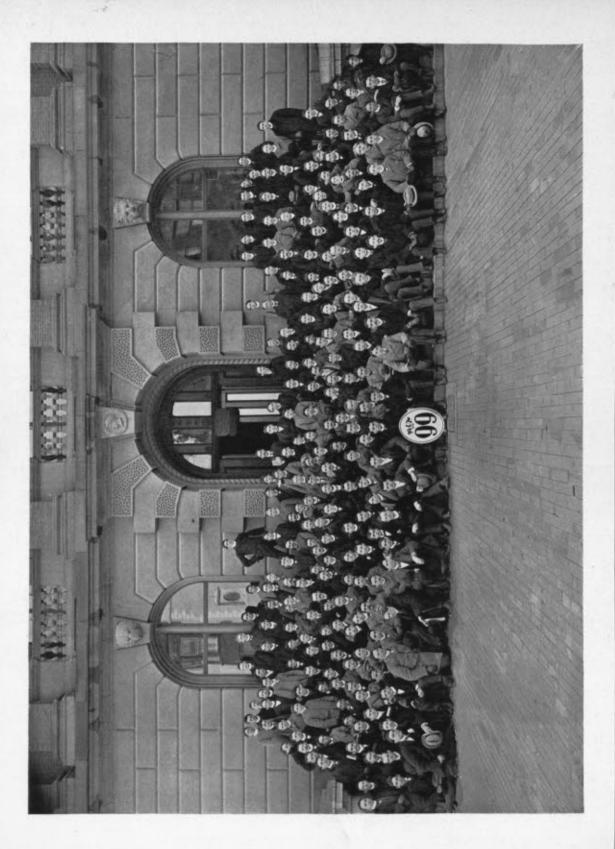
There! isn't that great. Technology Club, endless chain of '98 men, etc. Well, that was a great time. Of course, hereafter all the classes will meet on New Year's eve to welcome the year in which they graduate, since '98 has established the precedent.

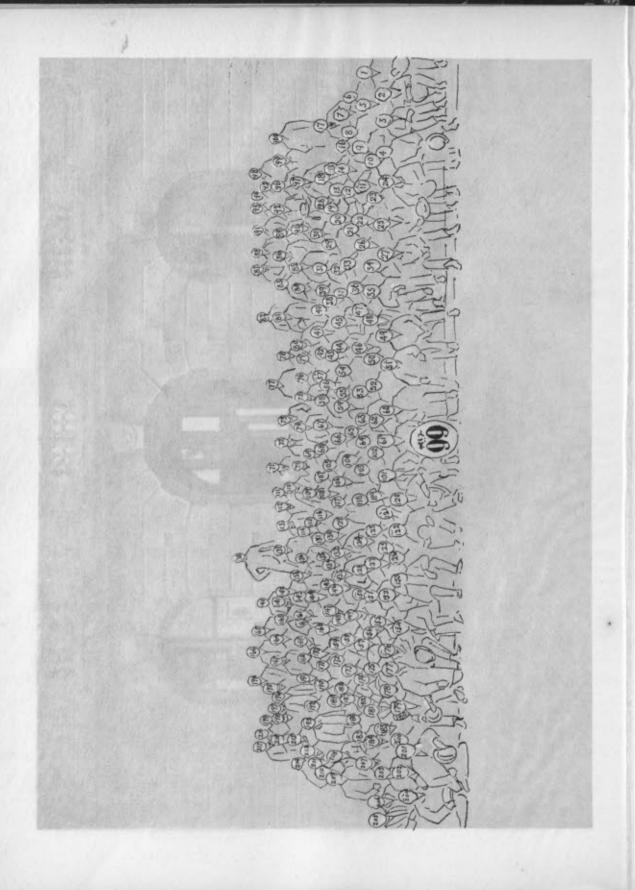


Now the chain breaks, and Winslow mounts the steps and speaks to them. And now see them! Ninety-eight can almost hear their voices as they drown the midnight strokes of the clock with their class cheer. Now they all pass down stairs, and he remembers the delicious salads, the coffee, the lemonade, and all the good things which awaited them there. He is there again in spirit, and as he opens his eyes to gaze about on the familiar objects of his own room, he finds himself

chewing the end of his pencil. "Well," said he, rubbing his eyes, "that was the most realistic dream I ever had."







Key to Class Dhotograph. - Names in Numerical Order.

185 Dryer, 180 Lewis, J. E. 190 Soule, H. W. 191 Matheson, 192 Matheson, 193 Matheson, 194 Matheson, 195 Waddell, 196 Starch, 197 Congdon, 197 Congdon, 198 Starch, 199 Wedlork, 200 Wellork, 201 Phelips, 202 Cluff, 202 Cluff, 203 Witherell, 204 Tuffs, 204 Cluff, 205 Witherell, 205 Kinn, 205 Lovenan, 205 Lovenan, 205 Lovenan, 205 Lovenan, 207 Flynn, 207 Flynn, 208 Lovenan, 208 Lovenan, 209 Lovenan, 201 Lawrence, 202 Lawrence, 203 Lawrence, 203 Lawrence, 204 Lawrence, 205 Lawrence, 205 Lawrence, 205 Lawrence, 207 Lawrence, 207 Lawrence, 208 Lawrence, 208 Lawrence, 209 Lawrence, 201 Lawrence, 201 Lawrence, 201 Lawr
136 Mead. 135 Bonns, 138 Brown, C. W. 149 Brown, C. W. 151 Stone. 151 Abbott. 152 Startor. 153 Stone. 154 Start. 155 Sterson. 155 Sterson. 156 Stone. 157 Stone. 171 Stbley. 171 Stbley. 172 Robinson, T. P. 173 Street. 174 Street. 175 Street. 175 Street. 176 Street. 177 Street. 178 Street. 179 Street. 171 Street. 170 Street. 171 Street. 171 Street. 172 Street. 173 Street. 174 Graws. 175 Friedd. 176 Graws. 177 Friedd. 177 Friedd. 178 Friedd.
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94 Kinsman. 95 Robinson, A. G. 96 Robinson, A. G. 97 Lacaff, 98 Smith, G. L. 99 Smith, G. L. 90 Smith, G. L. 100 Riddle, L. W. 101 McDonald. 103 Mcore. 104 Walton. 105 Price. 105 Price. 105 Price. 105 Price. 105 Smith, C. A. 107 Price. 108 Smith, C. A. 107 Price. 108 Smith, C. A. 108 Richel. 109 Georgalez. 111 Georg. 113 Georgalez. 114 Georgalez. 115 Lewis, G. M. 116 Richer. 116 Richer. 117 Cannon, W. T. 118 Hinckley. 118 Hinckley. 119 Riker. 121 Senvey. 121 Shamaler. 122 Shamaler. 123 Gillson. 124 Shathan.
65 Rickards. 65 Hinman, W. H. 66 Turner. 66 Sutermeister. 66 Badina. 68 Holliday. 68 Holliday. 69 Walker, E. 77 Adams, H. H. 77 Inmes, G. W. 77 Carlwell. 77 Hashrouck. 77 Carlwell. 77 Ashley. 80 Fowle. 81 Human, D. 82 Gurney. 83 Gurney. 84 Bean. 85 Page. 85 Page. 86 Bakcock. 87 Watrous. 87 Watrous. 87 Watrous. 88 Pake. 89 Page. 89 Page. 80 Hammond, E. H. 80 Page. 81 Bakcock. 82 Page. 83 Pake. 84 Bean. 85 Page. 85 Page. 86 Page. 87 Watrous. 87 Watrous. 88 Pake. 89 Page.
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1 Jones. 2 Smith, M. H. 3 Soblier. 3 Soblier. 4 Brown, C. H. 5 Froctor, 6 Holabird. 7 Hardhan, 9 Corbett. 10 Morse, B. E. 11 Kingman, 12 Copp. 13 Douron, 14 Hayden, 15 Coldthwaite. 16 Richmen, 16 Richmen, 17 Sterrins, 18 Skinner, 19 Richmend, M. S. 22 Gill. 22 Gill. 24 Adams, W. O. 24 Adams, W. O. 25 Morton, 27 Morton, 28 Sherrill. 28 Sherrill. 28 Sherrill. 29 Sherrill. 29 Sherrill. 20 Schmidt, 20 S

Key to Class Photograph. - Names in Alphabetical Order.

		The state of the s				
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44 Anderson. 48 Archibald. 79 Ashley.	202 Cluff. 197 Congdon.	Soldthwaite.	214 Hume. 71 James. 95 Johnson, H. G.	124 Nathan, 116 Newell, L. A. 60 Newell, W. S.	52 Robertson, 96 Robinson, A. G. 172 Robinson, T. P.	143 Swan. 128 Swift. 130 Taylor. So Trask.
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S4 Bean. 147 Bennett. S6 Bensent.	40 Cushing. 59 Dakin, 13 Damon, 67 Davila.	Hammond, E. W. Happond, E. W. Harahan,	190 Kimball, W. H. 11 Kingman. 94 Kinsman.	og Parker. 129 Parker. 133 Pennock.	122 Shumaker, 171 Sibley, 144 Sites:	69 Walker, E. 200 Walters. 104 Walton,
55 Betts. 67 Blake, 157 Bonns. 142 Brown, C. W.	33 Delano. 170 Drew. 187 Dryer. 149 Eaton.	Harrison, R. C. Harvood, Hasbrouck.	77 Leman. 179 Leman. 115 Lewis, C. M. 180 Lewis, I. E.	38 Phalen, 201 Phelps, 92 Pierce, 216 Pinkham,	167 Slocum. 108 Smith, C. A. 50 Smith, C. E. co Smith, G. L.	S7 Watrous. 199 Wedlock, 155 Wells, 8 Werner.
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77 Caldwell,	ZOT Flynn.	Deciman.	130 money	October 100	the sound	St at contests





Junior Class history.

HEY were walking slowly down Boylston Street toward Technology, he to show, and she to see, the wonders of the Institute. "Oh, see all the students on the steps!" she exclaimed, as they drew near old Rogers. "What are they doing there?"

"Nothing in particular," he replied. "That's their favorite loafing place. But there are very few there now; you should see them on opening day. I'll never forget the day when we entered. These steps were so full of fellows you could hardly get up them, and in the corridor the crowd was worse yet. And all the while the Sophs stood around watching us, so they would

know us the next time they saw us."

"What did they want to know you for?" she asked, inquisitively.

"O, the Sophs consider the Freshies their legitimate prey. You know the two classes have a cane rush and football game every year, and there is always a lot of confusion because the fellows don't know each other. We had a lively time that year. Won the football game 16 to 0,—the first time the Freshmen had won for eight years. Ninety-eight felt awfully sore about it, but they won the cane rush, and then said the football game didn't count anyway; the cane rush was the main thing."

"Did you win the cane rush this year?" she asked, innocently.

"O, we're out of it this year," he said smiling. "It's between the two lower classes. We won it our Sophomore year, though, and the

football game, too," he continued, proudly. "We had the best class football team ever in the Institute."

"In the spring you play baseball, too, don't you?" she inquired.

He frowned. "Y-yes, a little," he stammered. "But we never cared very much for it. Football was our game."

They had now reached the corridor, and he pointed out with pride the bust of President Walker. "But what are all these things around the wall?" she asked, when she had finished admiring it.

"O, they're bulletin boards. This one is where Captain John tells the Freshmen about Military Science. They have to drill every week, you know. They have some pretty warm times, too. When our battalion beat Brown University ——"

"Beat Brown University?" she interrupted. "How?"

"O, we had a competitive drill. Brown wasn't in it for an instant. And we got the first prize in the individual drill, too. There were four colleges in that, Brown, Harvard, 'Aggie,' and Tech, but the others couldn't touch us."

"This is Huntington Hall," he said, when they reached the top of the first flight; "you must come and have a look at it." But just then groans were heard from within, and he hastened to add, "O, I guess you can't, either; the Sophs are having an English Lit. lecture. Awful rot; we had it last year."

"Is it a large hall?" she asked, for want of something better to say.

"Not large enough to hold two classes at once," he answered. "Ninety-eight tried to come in there to one of our class meetings when we were Freshmen, and we had quite a scrap. Broke the door and a lot of windows, and '98 had to pay for them."

Meanwhile they had mounted another flight, and as they paused in

room 43, he remarked, "This is where L-n-s F--ncholds out."

"O, he's the cranky professor you wrote me about, isn't he?"

"Professor F -- nc-?

Me Clay of '98 M. J. Baston Ma	ess Mar 1		œ5	
TO MASSACHUSETTS INSTITUTE	OF TECHN	OZO	GY DI	P.
To I froken door	8	00		
3 broken Windows	2	75		
Received Jayme	nt		5	71
1 0				

Why, no; he is just the opposite. They call him 'the gentle L-n-s.'" She looked perplexed, but there was a peculiar twinkle in his eye, and she decided to ask no more questions.



The top of the building was now soon reached, when happening to glance over the railing she suddenly exclaimed: "My goodness! it's a long way up here. I should think they would have an elevator."

"Well, you see," he explained, "we only come up here when we are Freshmen, and Freshmen need more exercise than ordinary people. Here's some of the work the fellows do," he continued, and proceeded to explain the mysteries of the "masses."

After looking over the drawings for a few moments they started down, and soon found themselves again in the

corridor. "O, there's Corporal B--l-y," he said, presently; "he's our great hammer thrower,"—and again that mischievous twinkle appeared in his eye.

"What a fine-looking fellow he is!" she exclaimed, turning to get a better look at the athlete.

"Yes; but he is ruining his health by drinking so much ---"

"Oh, what a shame!" she said, horrified.

"By drinking so much ginger ale," he continued, without noticing the interruption. "Now we'll go over to Walker," he continued, and as they went down the steps he remarked, casually: "There's the chapel over there, but I guess we won't go over. There's nothing but Sophomores there anyway. When we were Sophomores we liked the place so well we even had our class dinner there. That is, in a room just above it."

"Here's where we used to have Physics," he said, as they now entered Walker and passed room 22 on their way to the Chemical Laboratory; "but most of us are through with it now, thank goodness!"

In the laboratory they stayed only long enough to hear one poor Freshman get called down for not using the hood. "That reminds me of old times," he said; and on the way down told her many of the troubles he had had in that same Chemical Laboratory.

"That's Professor Cross," he whispered, as they passed a meek-looking little man on the stairway, "the head of our Physical department."

"Physical department! Is he really?" she asked incredulously. "Why, he doesn't look a bit like an athlete."

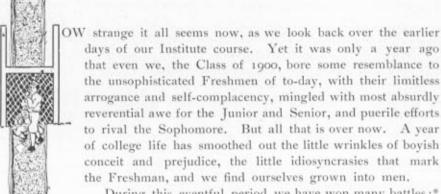
He tried hard to keep from laughing, but could not repress a smile, though as they hurried for a car he only said, "I guess we shall have to postpone Engineering and Architectural buildings until to-morrow, or you will be too tired for the Prom to-night."







Sophomore Class Distory.



During this eventful period we have won many battles;*
our achievements stand as a monument wherein all may

note our worth. Our history is a tale of life and activity. Beginning with our first class meeting, held shortly after our introduction to the halls of learning opening to us at the top of many flights of stairs, it bids fair to end only in another century.

The first task which fell to our lot was the election of class officers. This was disposed of without bloodshed, however, and with characteristic energy we then arranged for a cane rush with '99. This event we easily won, although some questioned our obvious victory on the ground that the score was 19 to 19. So a committee was chosen to arbitrate the matter. We had not then had the advantages which the Debating Society now offers, and thus the decision went against us; so, although we had already selected beautiful, silver-mounted sticks from the stocks of the numerous merchants who were desirous of



the honor of becoming purveyors to so famous a class, we gracefully waived our claim to them. However, the rush served to bring us into close personal contact with all the upper classmen, and furnished us with many mementoes of the event, among them the '99 flag. In regard to the football game of the same date, it is sufficient to state that baseball, and not football, is our forte.

Time passed, and so did a few of us at the "semies." We now began to have a greater influence over the affairs of the Institute, and distinguished ourselves by the organization of that most stupendous (and ear-splitting) aggregation of musical talent, the Freshman Orchestra. Alas! it is no longer with us in its unrivaled pristine splendor, and we feel that the whole Institute joins us in lamenting that brilliant light, extinguished so prematurely by the calumnies of rival musical organizations. "Requiescat in pace."

The Competitive Drill with Brown furnishes an example of the

splendor and magnificence with which we did things even in our Freshman year. The supper which we gave the Brown battalion was the product of a celebrated *chef* working under a *carte blanche* commission, and the cost per cover was almost fabulous, although it was never paid for. We met with reverses, how-



ever, both military and financial. Nevertheless, we showed an appreciation of the spirit of modern times by proving that, in 1900 at least, the prestige of the soldier is a thing of the past. Fortunately a chance to retrieve our fallen fortunes soon presented itself in the '99–1900 baseball game. Our score of 16 to 7 at once placed us on our feet again.



The exams came; likewise vacation. And in September came the condition exams. These furnished an opportunity for a pretty general renewing of our friendships of the class rooms before the formal opening of the school year. We did not all come back. Some cared not to venture into the inhospitable domains of Calculus and Physics; and thus, though diminished in numbers, our increased size has made a new building an imperative necessity.

At first when we found ourselves back at Tech. again

we did nothing about a cane rush. At this The Tech found fault. Then we talked about a rush to pay some little debts we happened to have outstanding. At this everybody found fault, and a little man named H-tch-ns-n got up in a big meeting of the Football Association and said, "whereas" he had got the Association into debt, we'd got to get it out again by giving him the gate receipts of the cane rush. We didn't like this idea a bit at first, but since nobody else seemed willing to help the Football team, we finally gave him the money.

The innocent Freshmen had all this time been counting on an easy thing in the cane rush, but about two days before the rush one of the "profs" told us they were holding an election, and at his suggestion we all went down to vote. Headed by our beloved Secretary, the Freshmen offered a determined resistance, but were at last forced to seek shelter in that most inaccessible of strongholds, the Secretary's office. After this they could not expect to do much on the South End

Grounds; and they didn't, either.

"The Lounger," meanwhile, had been publishing remarks which, to say the least, were calculated to place the Class before the Institute in an unfavorable light. At first we quietly ignored these attacks, but matters reached a climax when an article appeared alleging fraud in the election of our class officers. We at once investigated the charge, and, although there were some votes not entirely accounted for, we thought it time to assert our rights and dignity. Accordingly in open class meeting we passed

resolutions publicly censuring *The Tech*. This was enough. The next week a feeble attempt was made by the paper to laugh down the matter, but since

then one and all have studiously avoided incurring our displeasure.

Such, in brief, is our history, and but little remains to be told. As a class, we have a past not without glory, and a future before us whose brilliancy time only will reveal. Individually, we have reached a point where, like Bacon, we can say, "All knowledge is our province." Little is left for us to learn. We no longer associate the name "Old Elm" with sunshine, leafy shade, and babbling brooks; no longer need we resort to white hats, tan shoes, and villainous-looking pipes to impress our fellow-students. Our parents, too, realize this change for the better, and cheerfully pay the difference between last year's Y. M. C. A. dues and this year's more expensive chapel seat. And now, from this pinnacle of greatness, can we complacently behold the awkward multitude of aspiring Freshmen and await new laurels to grace the last, but foremost, class of the century.





freshman Class history.

Gulliver's Last Voyage.



BOUT five years after my return from the land of the Houyhnhnms, the desire for travel and adventure again rose strong within me. Accordingly I set sail in a ship bound for America. On the evening of the twenty-fifth day out I was suddenly awakened by a heavy crash, followed by a motion as if the vessel was going down. I rushed on deck, and found that we had struck an iceberg, and were surely sinking. Perceiving that there was no time to be lost, I lowered one of the small boats into

the water, and had gotten but a short distance away when the vessel disappeared from view. What became of my comrades I have never heard, and I fear they must all have perished. Not knowing which way to direct my course I decided to wait until morning, and as the sea was calm I lay down in the bottom of the boat, and was soon asleep. How long I slept I know not. When I awoke the sun was shining brightly, and I found myself lying on the deck of a small sloop, surrounded by a group of young men. In the main they seemed to speak my tongue, but used many words and expressions which I could not understand. They asked me numerous questions as to who I was and whence I came; and when I

had related the above circumstances they informed me that they were members of the M. I. T. Yacht Club, and told me astonishing tales of a place called the Massachusetts Institute of Technology, toward which they were then bound. I decided that I would see for myself this wonderful place, and accepting their invitation to accompany them, I found myself, a few days later, climbing the steps of a large building called Rogers. In all of my previous travels I had never before seen so many young men at one time. There must have been fully a thousand upon the steps and in the corridor. Most of them were laughing and talking in groups; but there were some, apparently much younger than the rest, who sneaked around and got into corners and out-of-the-way places, and appeared altogether very much ill at ease. These, I was told, were my classmates, and that they were called "Fresh-men," because they were not vet men. I noticed, too, there were a certain number who bore quite a striking resemblance to the Yahoos. These, I was told, were called "Sophomores." While I stood watching the crowd there



came a man clad in black from head to foot; even his beard and hair were black, and wherever he went the crowd respectfully made way for him. "I wonder what that undertaker wants in here," I heard one of my classmates say; but the older men who had heard him all laughed at him, and one of them said that that was the Secretary, the mightiest man of the whole place, and one whose good will it behooved each man to cultivate. He said, too, that the Secretary was really quite genial to those who knew him; nevertheless, all seemed to feel more at ease when they

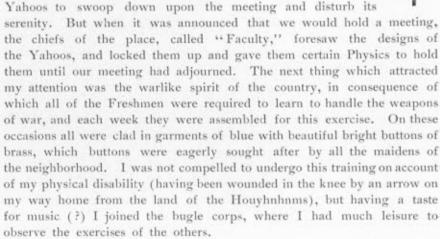
saw him leave the building. I had not been long in the building when I saw in one corner of the hall a large cage, in which was a woman. From time to time men would go up to the cage, hand in garments through a small window, and receive in return for them what seemed to be pieces of money. I concluded that this must be a pawnshop. But when I mentioned the matter to one of my Yacht Club friends he told me not to go too near the cage, for the inmate thereof was averse to newcomers, and that the cage was necessary to protect them from harm.

The crowd now began to disperse; some going up the stairways, which seemed to ascend to the clouds, and others going in divers directions. Following some of my classmates I wandered around through the various rooms of the building, seeing many queer sights. In each place that I went there were certain men called "professors," or "instructors," who told me to buy large numbers of books and other articles, the price of which was enormous. When I had completed these purchases they

showed me how to do strange and curious things,—to draw on paper, to make letters of the alphabet, and in one place to mix divers substances together, thus producing vile odors, or curious compounds which

exploded violently, and caused much damage. There were also in all of these places certain minions called "assistants," whose duty it was to explain in detail the directions and sayings of their masters, the professors. But none of them were able to agree, and each one gave different directions, and thereby caused great confusion.

Before long I learned that it was the custom of the place for each class to form a government of its own and to make laws and choose rulers; and that every year when a new government was being formed, it was the delight of the vile Yahoos to swoop down upon the meeting and disturb its



The wisest of our Class had now been hard at work for days and weeks, and had drawn up a code of good laws, which we at once adopted; among which was one requiring that the nominees for "Class Officers," as our rulers were to be called, should pay for the ballots. On the day upon which we were voting for these officers a large number of Yahoos flocked down upon us, and endeavored to vote, thereby creating much disturbance. We easily drove them off, however, although an unfortunate accident occurred. The Secretary, coming out of his office to see the cause of so great a disturbance, was mistaken for a Yahoo by one of our men, and was fiercely assaulted. But he graciously forgave the injury, and even allowed us to count our ballots in his office. Soon after our entrance we began to realize the power of the press, and took steps to elect a representative to *The Tech*. After

some consideration, however, we decided we would not dispose of our favors so easily, and so let the matter drop.

Things now went on smoothly until just before Thanksgiving, at which



time, it seems, it is customary for the newcomers to chastise the Yahoos in certain games called "cane rush" and "football." The day of these events was a gala day, and we hired a band, and marched in line to the scene of the conflict. The football game we easily won, six points to a goose egg, and I was hoarse for many days from cheering. In the cane rush, too, we had an easy time, and had

already captured the stick, when the signal was given to stop fighting. Of course, being men of honor, we all stopped, whereupon the vile Yahoos carried off the cane, and claimed the victory. But there was great joy among us over the result of the football, and those who had played in it wore their orange and black "sweaters" continually, to the admiration and envy of all.

The attitude of all toward myself and my-classmates had now become quite respectful and even subservient, for by this time we had begun to play an important part in the life of the Institute. There were some of us on the 'Varsity team, some on the musical clubs, some on *The Tech* (though not elected by us),—some, in fact, everywhere. In regard to the customs of the place, I found there were many peculiar ones, among which I may mention the slips of paper called "reports," which the Secretary sent out every five weeks. These were covered with various letters of the alphabet, but I noticed that the letter "F" seemed to have the preference. In January, too, there is a time of trial called the "semies,"

when the professors gather together all of the students, and ask them various questions, which few can answer. In preparation for these times some studied night and day, and were called "grinds." Others,

however, were more familiar with the ways of the place, and they talked to the various professors about fishing, literature, and many other topics. These, I noticed, generally found on their slips not "F's," but "C's."



So far I like the Institute even better than the land of the Houyhnhnms; and unless I find the climate too severe, or have difficulty with my eyes, I think I shall remain here, at least for some years.



Greek Letter fraternities

At the Massachusetts Institute of Technology, in the Order of Their Establishment.

Sigma Chi.

1855.	Gamma.	Ohio Wesleyan University .	. Delaware, Ohio.
1857.	Eta.	University of Mississippi .	. Oxford, Miss.
1858.	Lambda.	Indiana University	, Bloomington, Ill.
1859.	Xi.	De Pauw University	. Greencastle, Ind.
1859.	Omicron.	Dickinson College	. Carlisle, Pa.
1859.	Psi.	University of Virginia	. Charlottesville, Va.
1863.	Alpha Chi.	Pennsylvania State College .	. State College, Pa.
1863.	Theta.	Pennsylvania College	. Gettysburg, Pa.
1864.	Kappa.	Bucknell University	. Lewisburg, Pa.
1866.	Zeta.	Washington and Lee University	. Lexington, Va.
1866.	Rho.	Butler University	. Irvington, Ind.
1867.	Mu.	Denison University	. Grandville, Ohio.
1869.	Omega.	Northwestern University .	. Evanston, Ill.
1871.	Chi.	Hanover College	. Hanover, Ind.
1872.	Sigma Sigma.	Hampden-Sydney College .	. Hampden-Sydney, Va.
1874.	Gamma Gamma.	Randolph-Macon College .	. Ashland, Va.
1874.	Delta Delta.	Purdue University	. Lafayette, Ind.
1876.	Zeta Zeta.	Center College	. Danville, Ky.
1882.	Zeta Psi.	University of Cincinnati	. Cincinnati, Ohio.
1882.	Alpha Gamma.	Ohio State University	. Columbus, Ohio.
1882.	Alpha Zeta.	Beloit College	. Beloit, Wis.
1882.	Alpha Theta.	Mass. Institute of Technology	. Boston, Mass.
1883.	Alpha Epsilon.	University of Nebraska	. Lincoln, Neb.
1883.	Alpha Iota.	Illinois Wesleyan University .	. Bloomington, Ill.
1883.	Alpha Lambda.	Wisconsin State University .	. Madison, Wis.
1884.	Alpha Xi.	University of Kansas	. Lawrence, Kan.
1884.	Alpha Nu.	University of Texas	. Austin, Texas.
1886.	Alpha Omicron.	Tulane University	. New Orleans, La.
1886.	Alpha Pi.	Albion College	. Albion, Mich.
1886.	Alpha Beta.	University of California	. Berkeley, Cal.
1886.	Alpha Rho.	Lehigh University	. Bethlehem, Pa.
1888.	Alpha Sigma.	University of Minnesota	. Minneapolis, Minn.
1889.	Alpha Tau.	University of North Carolina .	. Chapel Hill, N. C.
1889.	Alpha Upsilon.	University of Southern California	
1890.	Alpha Phi.	Cornell University	. Ithaca, N. Y.
1892.	Alpha Psi.	Vanderbilt University	. Nashville, Tenn.
1892.	Alpha Omega.	Leland Stanford, Jr., University	. Palo Alto, Cal.
1893.	Eta Eta.	Dartmouth College	. Hanover, N. H.
1893.	Alpha.	Miami University	. Oxford, Ohio.
1893.	Alpha Alpha.	Hobart College	. Geneva, N. Y.
1893.	Карра Карра.	University of Illinois	. Champaign, Ill.
1894.	Lambda Lambda.	Kentucky State College	. Lexington, Ky.
1894.	Nu Nu.	Columbia College	. New York City, N. Y.
1894.	Epsilon.	Columbian University	. Washington, D. C.
1895.	Mu Mu.	West Virginia University .	. Morgantown, W. Va.
1896.	Tau.	Roanoke College	. Salem, Va.
1896.	Phi Phi.	University of Pennsylvania .	. Philadelphia, Pa.
1896.	Xi Xi.	Missouri State University .	. Columbia, Mo.
1897.		University of Chicago	. Chicago, Ill.
1897.	Theta Theta.	University of Michigan	. Ann Arbor, Mich.

Sigma Chi.

Hlpha Theta Chapter.

ESTABLISHED MARCH 22, 1882.

Members.

DICKSON QUEEN BROWN.
STEPHEN PEARSON BROWN.
WILLIAM RAWSON COLLIER.
JOSEPH DEAN EVANS.
FINLEY FORBES FERGUSON.
JAMES SEEL GILL.
CLIFFORD ROBSON HAMMOND.
JAMES THOMAS HARAHAN, JR.
CHARLES FRANK HARWOOD.

BARTON HASELTON.
LEWIS ANDREWS HAYDEN.
WILLIAM ABBOTT HAZARD.
ROBERT GRANT HOLABIRD.
GUY MAGEE, JR.
RALPH LUNT SHEPARD.
JAMES FRANCIS SICKMAN.
FRANK ALBERT WERNER.
CHARLES RICHARD WOODHULL.

WALTER GUSTAVE ZIMMERMANN.

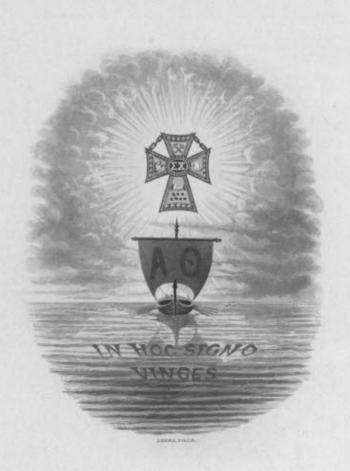
frater in Collegio.

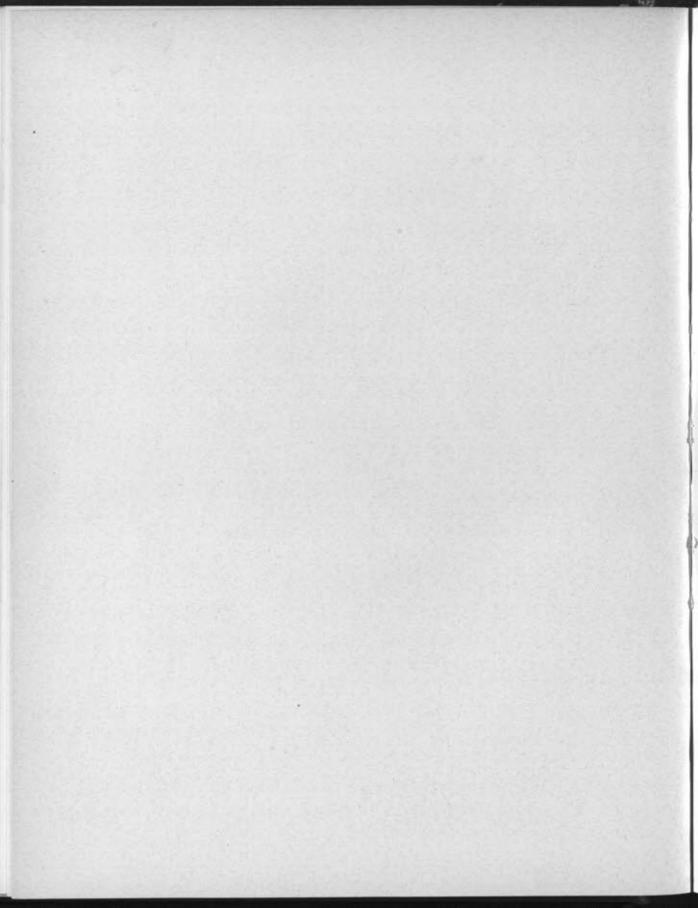
ARTHUR ALBERT JOHNSON.

fratres in Urbe.

HERBERT TYLER BARDWELL.
JOHN ANDREW CURTIN.
WILLIAM WORCESTER CUTLER.
WILLIAM HENRY FOX.
RHODES GREENE LOCKWOOD.

CHARLES LATHAM NUTTER.
FARLEY OSGOOD.
CHARLES BODWELL PAINE.
FRANK LIVERMORE PIERCE.
LUCIUS SPAULDING TYLER.





Delta Psi.

Α.	Columbia College					0	-	New York City.
Δ .	University of Pennsylvania			12				Philadelphia, Pa.
E.	Trinity College			2.2	 -		4	Hartford, Conn.
Λ.	Williams College						4	Williamstown, Mas
Φ.	University of Mississippi	,						Oxford, Miss.
Y.	University of Virginia .							Charlottesville, Va.
Σ.	Sheffield Scientific School							New Haven, Conn.
Т.	Massachusetts Institute of T	ech	nolos	zv.				Boston, Mass.

Delta Psi.

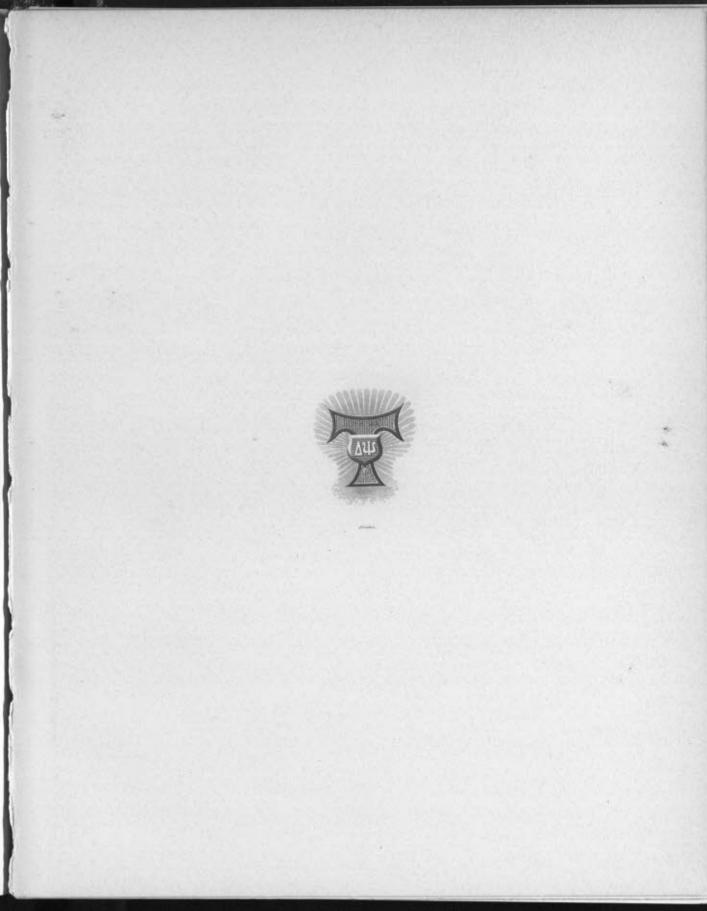
Tau Chapter.

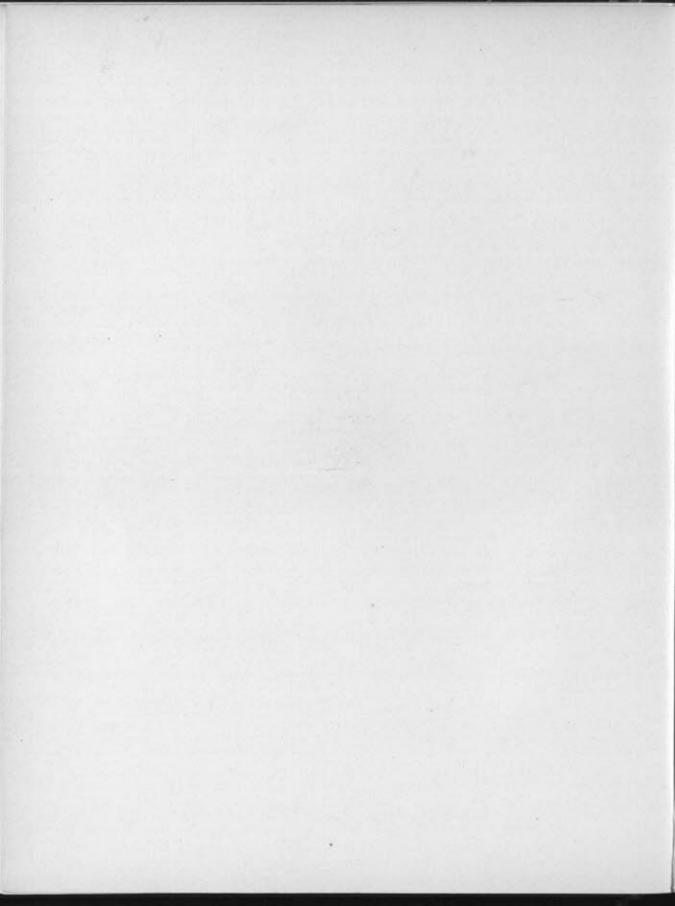
Members.

EDWARD PIERREPONT BECKWITH. JOHN STEARNS BLEECKER. REUBEN BACON CLARK. ROBERT MASON DERBY. ROBERT FRAZER, JR. BERTRAM WILLIAM BATCHELDER GREENE. ROLAND WILLIAMS STEBBINS. SAMUEL FOSDICK JONES. JAMES BRADFORD LAWS. HENRY GRANT MORSE, JR. WALTER PAGE.

EDWARD BRIDGE RICHARDSON. ANDREW ELIOT RITCHIE. GEORGE AVERY ROBINSON. ALBERT LORING SWASEY. MARCY LEAVENWORTH SPERRY. LEWIS STEWART. GEORGE STANTON TIFFANY. MERLE WEEKS. HAROLD WESSON.

WILLIAM WHIPPLE.





Chí Phí.

A.	University of Virgin	nia		7	1	5.			v	Charlottesville, Va.
В.	Massachusetts Insti	tute	of T	echn	ology			20		Boston, Mass.
Γ.	Emory College					1			1	Oxford, Ga.
Δ .	Rutgers College									New Brunswick, N. J.
E.	Hampden-Sydney C	olle							,	Hampden-Sydney, Va.
z.	Franklin and Marsh	all	Colle	ege		27				Lancaster, Pa.
H.	University of Georg	ia								Athens, Ga.
θ,	Rensselaer Polytech	nic	Insti	itute						Trey, N. Y.
I,	Ohio State Universi	ty				10	***			Columbus, Ohio.
Λ.	University of Califo	rnia				-		4.0		Berkeley, Cal.
М.	Stevens Institute of	Tec	hnol	ogy						Hoboken, N. J.
N.	University of Texas									Austin, Texas.
Ξ.	Cornell University		1							Ithaca, N. Y.
0.	Sheffield Scientific S	scho	ol, Y	ale U	Jnive	rsity			2	New Haven, Conn.
П.	Vanderbilt Universi	ty								Nashville, Tenn.
P.	Lafayette College	. 1								Easton, Pa.
Σ,	Wofford College									Spartanburg, S. C.
Φ.	Amherst College	,								Amherst, Mass.
Ψ .	Lehigh University							1.61		South Bethlehem, Pa.

Chi Phi.

Beta Chapter.

WILLIAM DANIELS BLACKMER. FREDERIC ICKES MERRICK. CHARLES CALVIN BRIGGS. GEORGE WINSLOW BROWN. WILLIAM LEHMER CURRY. SAMUEL BASS ELBERT. RUSSELL HENRY GLOVER. ALEXANDER RIEMAN HOLLIDAY. GEORGE FREDERICK ULMER.

CHARLES WARD ADAMS.

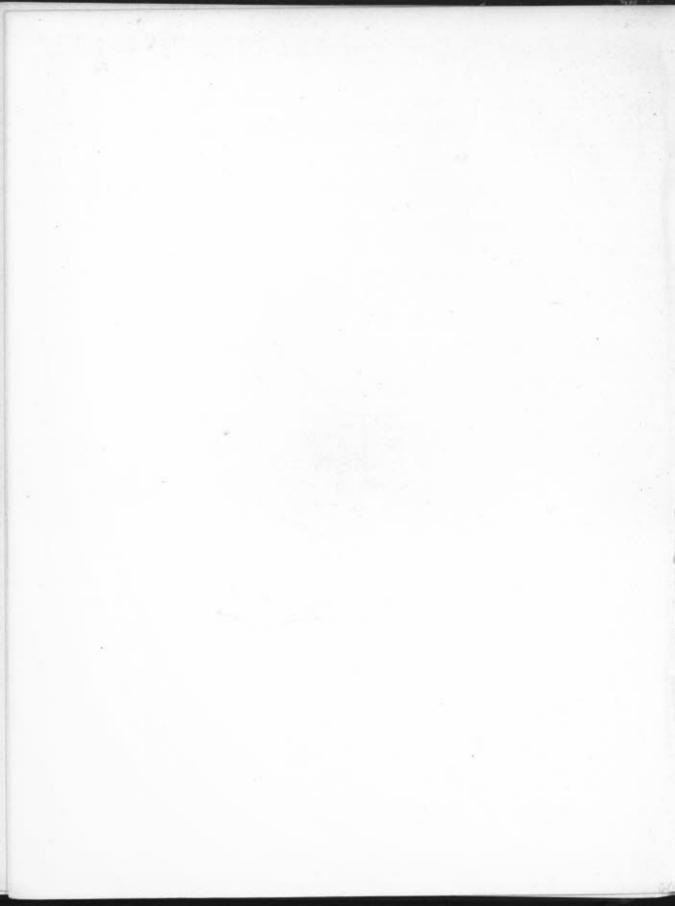
DOUGLAS COURZAN JILLSON.

WILLIAM HARVEY BARLOW.

CARLETON SPAYTH KOCH.

HARRY GEORGE KOCH. SILAS CLARENCE MERRICK. RICHARD MOMMERS. CHARLES PARKMAN ROCKWOOD. GEORGE OTTO SCHNELLER. HENRY WELLES TUBBS.





Delta Kappa Epsilon.

Phi.	Yale University .	1				4	-	-			1844
Theta.	Bowdoin College		20				100				1844
Xi.	Colby University			2							1845
Sigma.	Amherst College							120			1846
Gamma.	Vanderbilt University								4	1	1847
Psi.	University of Alabam	a									1847
Upsilon.	Brown University										1850
Chi	University of Mississi	ppi						5.0			1850
Beta.	University of North C	Caro	lina								1851
Eta.	University of Virginia	1.						*			1852
Kappa.	Miami University										1852
Lambda.	Kenyon College .										1852
Pi.	Dartmouth College										1853
Iota.	Central University of	Ke	ntuck	y					v		1854
Alpha Alpha.	Middlebury College				14						1854
Omicron.	University of Michiga	n									1855
Epsilon.	Williams College							4			1855
Rho.	Lafayette College										1855
Tau.	Hamilton College										1856
Mu.	Colgate University										1856
Nu.	College of the City of	Ne	w Yo	ork							1856
Beta Phi.	University of Rochest	er				- 14					1856
Phi Chi.	Rutgers College .										1861
Psi Phi.	De Pauw University				14						1866
Gamma Phi.	Wesleyan University			2							1867
Psi Omega.	Rensselaer Polytechn	ic									1867
Beta Chi.	Adelbert College										1868
Delta Chi.	Cornell University									-	1870
Delta Delta.	Chicago University									7.	1870
Phi Gamma.	Syracuse University										1871
Gamma Beta.	Columbia College										1874
Theta Zeta.	University of Californ	iia									1876
Alpha Chi.	Trinity College .							40			1879
Phi Epsilon.	University of Minneso	ota						×	v		1889
Sigma Tau.	Massachusetts Institu	te o	f Tec	hnol	ogy		-			1	1890

Delta Kappa Epsilon.

Sigma Tau Chapter.

ESTABLISHED 1890.

frater in facultate.

ALFRED EDGAR BURTON.

Members.

KENNETH MALLON BLAKE,
JOHN STANARD BRONSON,
MATTHEW CHAUNCEY BRUSH.
GEORGE BURNHAM.
EDWARD BAILEY COOKE.
HOWELL FISHER.
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GEORGE MCMURTRIE GODLEY.
HARRY LAMAR GRANT.

MILTON WESTON HALL.
HARRY CREIGHTON INGALLS.
ALBERT VOLTAIRE MÖLLER.
WORTHINGTON PALMER.
BENJAMIN FRANKLIN WINSLOW RUSSELL.
WILLIAM OTIS SAWTELLE.
HAVEN SAWYER.
MAURICE DE KAY THOMPSON.
JOHN ALDEN TROTT.
ETHEREDGE WALKER.
DAVID LAFOREST WING.

fratres in Collegio.

JAMES SWETT SMYSER.

RAYMOND MOLLYNEAUX HUGHES.

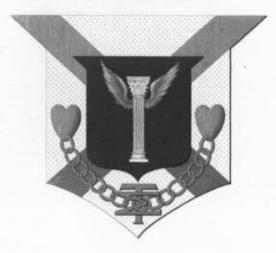
fratres in Urbe.

Frederick Chambers Blanchard.
Harry Pumphrey Coddington.
William Henry Cutler.
William Stuart Forbes.
Isaac Brewster Hazelton.
Henry Ford Hoit.

Walter Humphreys.
Edward Laurence Hurd.
Charles Gilman Hyde.
Allan Winchester Jackson.
Leonard Metcalf.
Louis Jerome Richards.

JAMES SWAN.







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Phi Beta Epsilon.

FOUNDED 1890.

LOCAL AT TECHNOLOGY.

Phi Beta Epsilon.

Members.

George Rutherford Anthony.
Louis Bennett Breer.
Robert Ruliph Morgan Carpenter.
Robert Seeley De Golyer.
James Cyrus Dryer.
Preston Yarnell Dunwoody.
Irénée du Pont.
Lammot du Pont.
Frank Warren Everett.
Frederick Cromwell Field.

DAVID EDGERTON GRAY.

EDWARD HOSMER HAMMOND.

LAMMOT DU PONT HOUNSFIELD.

HARRY GEORGE JOHNSON.

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RAY MURRAY.

HARRY BORDEN NEWHALL, JR.

THOMAS PENDLETON ROBINSON.

GERALD BASIL STREET.

THOMAS EDDY TALLMADGE.

EDWARD MOLINEUX TAYLOR.

CHARLES ALBERT WATROUS.

fratres in Urbe.

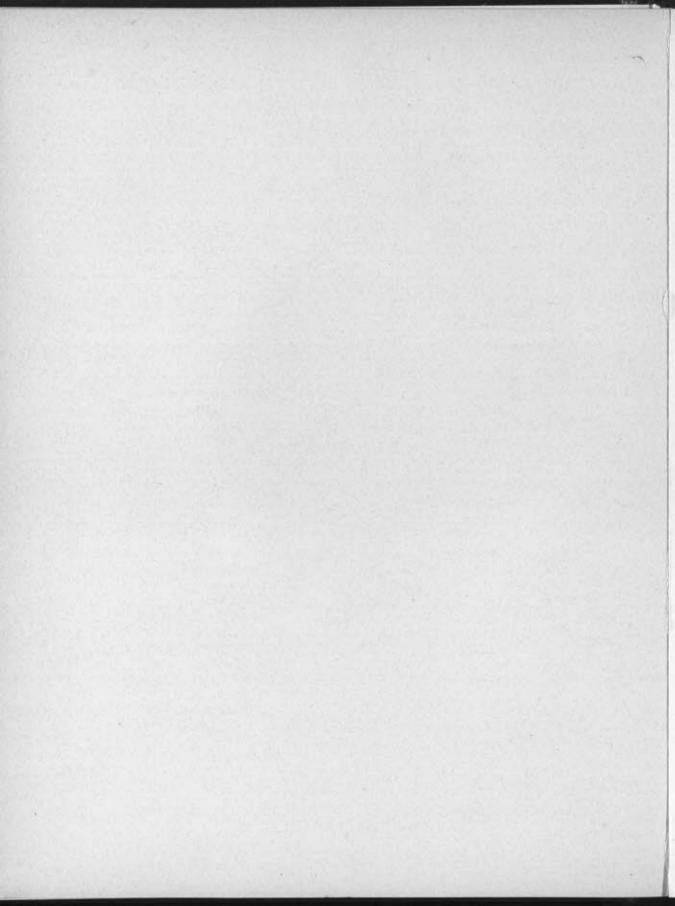
CHARLES WILSON AIKEN.
AZEL AMES, 3D.
STEPHEN BOWEN.
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SUMNER HATHERLY FOSTER.
ANDREW DANIEL FULLER.
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GEORGE ISAAC FISKE.

RAYMOND BEACH PRICE.
GEORGE WHITEFIELD FAY REED.
RALPH EDMUND SAWYER.
GEORGE FREDERICK SHEPARD.
GEORGE WILMARTH SHERMAN.
ALBERT HUBBARD SPAHR.
WALTER MULLIKEN STEARNS.
JOHN GIFFORD THOMPSON.
WILLIAM EATON WEST.



Droka Phila



Delta Apsilon.

FOUNDED AT WILLIAMS COLLEGE, 1834.

				- 7						
1834.	Williams .					7		1		Williamstown, Mass.
1838.	Union									Schenectady, N. Y.
1847.	Hamilton .									Clinton, N. Y.
1847.	Amherst .						4			Amherst, Mass.
1847.	Adelbert .									Cleveland, Ohio.
1852.	Colby				- 65					Waterville, Me.
1852.	Rochester									Rochester, N. Y.
1856.	Middlebury									Middlebury, Vt.
1857.	Bowdoin								100	Brunswick, Me.
1858.	Rutgers .				100					New Brunswick, N. J.
1860.	Brown			1.			4			Providence, R. I.
1865.	Colgate .		12						4	Hamilton, N. Y.
1865.	New York		-	- 1	100	1	7	٠.		New York City.
1869.	Cornell			12						Ithaca, N. Y.
1870.	Marietta									Marietta, Ohio.
1873.	Syracuse									Syracuse, N. Y.
1876.	Michigan									Ann Arbor, Mich.
1880.	Northwester	n .								Evanston, III.
1880.	Harvard .									Cambridge, Mass.
1885.	Wisconsin			*		2				Madison, Wis.
1885.	Lafayette									Easton, Pa.
1885.	Columbia									New York City.
1885.	Lehigh .									South Bethlehem, Pa.
1886.	Tufts .					7				West Somerville, Mass.
1887.	De Pauw									Greencastle, Ind.
1888.	Pennsylvani	a .				-				Philadelphia, Pa.
1890.	Minnesota		1.	12			-			Minneapolis, Minn.
1891.	Technology									Boston, Mass.
1894.	Swathmore			1000						Swathmore, Pa.
1895.	California				A2					n
1895.	Leland Stan	ford, I	r							Palo Alto, Cal.
10.00										

Delta Apsilon.

Technology Chapter.

ESTABLISHED 1891.

fratre in facultate.

FRANK VOGEL.

Members.

WARREN IRA BICKFORD.
HUNTLY WARD-DAVIS.
WILLIAM BURWELL FLYNN,
WILLIAM BALDWIN HOUGH.
CYRUS HOWARD HAPGOOD.
BASSETT JONES, JR.
SULLIVAN WILLIAMS JONES.
ARTHUR SAMUEL KEENE.
STANLEY MOTCH.
RALPH ROOT.

GRANVILLE SMITH.

WILLIAM RANDOLPH STRICKLAND.

CLIFFORD MELVILLE SWAN.

STANLEY COLLAMORE SEARS.

CHARLES EDWIN SHERMAN.

JACOB STONE, JR.

MYLES STANDISH RICHMOND.

WALTER LOUIS RAPP.

ROBERT BRUCE WALLACE.

GEORGE REED WADSWORTH.

frater in Collegio.

GEORGE PHILLIP DIKE.

fratres in Arbe.

JOSHUA ATWOOD, 3D.

LOUIS DERR.

ALBERT LINCOLN KENDALL.

WILLIS TAYLOR KNOWLTON.

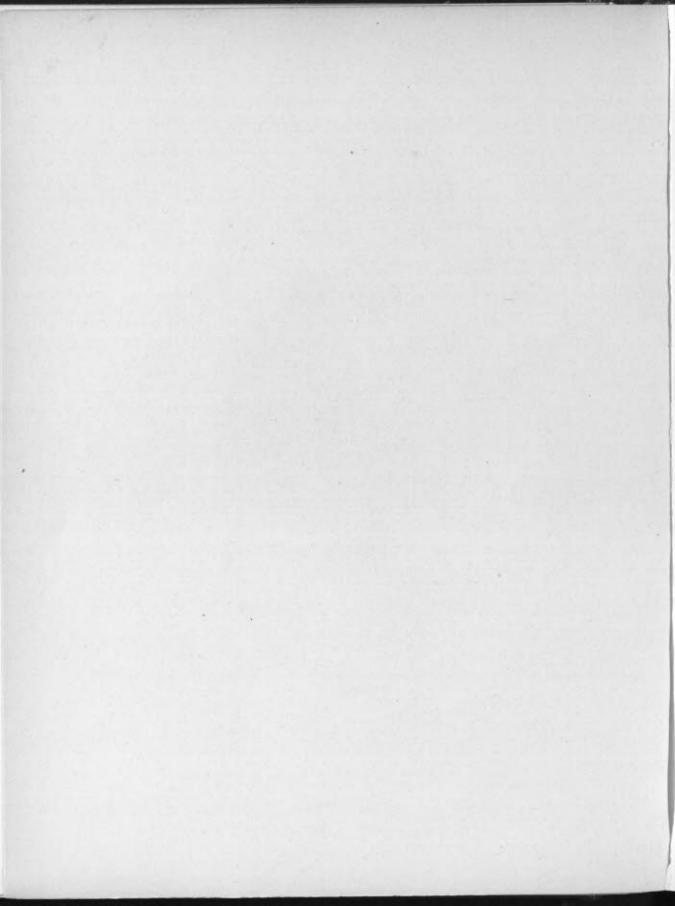
MAURICE LE BOSQUET.

WALTER ELBRIDGE PIPER.
THOMAS GLEASON RICHARDS.
FRANK CUMMINGS SHEPARD.
ALFRED BALL TENNEY.
FREDERIC DAUCHY WARNER.

ALFRED EDWARD ZAPF.



Zhinkon Philin.



Sigma Hlpha Epsilon.

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

Chapter Roll.

Mass. Beta Upsilon.
Mass Lete Ten
Mass Iota Lau.
Mass Iota Tau. Mass. Gamma.
Mass. Delta.
Conn Alpha
Conn. Alpha. N. Y. Mu.
N. Y. Mu.
N. Y. Sigma Phi.
Penn. Omega.
Dawn Sigma Phi
Penn. Sigma Phi. Penn. Alpha Zeta.
Penn. Alpha Zeta.
Penn. Zeta.
Va. Omicron.
Tr. Ci
Va. Sigma.
N. C. Xi. N. C. Theta. S. C. Delta. S. C. Phi. S. C. Gamma.
N. C. Theta.
S C Delta
S. C. Delta.
S. C. Phi.
S. C. Gamma.
Go Poto
Ga. Deta.
Ga. Pst.
Ga. Beta. Ga. Psi. Ga. Epsilon. Ga. Phi. Mich. Lota Beta
Go Phi
Mr. I. T. t. D. t.
Mich. Iou Deta.
Mich. Alpha.
Ohio Sigma.
Ohio Delta.
Onto Deita.
Ohio Epsilon.
Ohio Epsilon. Ohio Theta.
Ind Alpha
Ind. Alpha. Ind. Beta.
Ind. Beta.
Ill. Psi. Omega.
Ky. Kappa. Ky. Iota.
V. Inte
Ky. 10ta.
Tenn. Zeta.
Tenn. Lambda. Tenn. Nu. Tenn. Kappa. Tenn. Omega. Tenn. Eta.
Tonn Nu
Tenn. Ivu.
Tenn. Kappa.
Tenn. Omega.
Tenn Eta
Al- No
Ala. Mu.
Ala. Iota.
Ala. Alpha Mu.
Miss. Gamma.
Iowa Sigma.
Mo. Alpha.
Mo. Beta.
NO. Deta.
Neb. Lambda Pi.
Ark. Alpha Upsilon
Tex Rho
Col Chi
Coi. Chi.
Neb. Lambda Pi. Ark. Alpha Upsilon Tex. Rho. Col. Chi. Col. Zeta.
Cal. Alpha.
Cal. Alpha. Cal. Beta.
T CD TT II
La Tau Upsilon. La. Epsilon.
La. Epsilon.
District Control Property

Boston University .			
Massachusetts Institute o	f Tech	nolo	gy
Harvard University .			
Worcester Polytechnic In	stitute		
Trinity College			
Columbia University .			
St. Stephen's College .			20
Allegheny College .		1	
Dickinson College .			
Pennsylvania State Colle	ge		*
Bucknell University .			
University of Virginia		. 6	
Washington and Lee Un	iversity	y	
University of North Care	olina	1	
Davidson College .			100
South Carolina College			-
Furman University .			
Wofford College		104.11	
University of Georgia .	-		
Mercer University .			
Emory College		100	
Georgia School of Techn	ology	- 3	
University of Michigan			
Adrian College		- 51	
Mt. Union College .		- 33	- 9
Ohio Wesleyan Universit			
University of Cincinnati	4.		- 83
Ohio State University .			
Franklin College	1		
Perdue University .			
Northwestern University			
Central University .			
Bethel College			
Southwestern Presbyteri	an Un	ivers	ity
Cumberland University	100		
Vanderbilt University .			2.0
University of Tennessee		4	
University of the South			
Southwestern Baptist Un	iversit	y	
University of Alabama			
Southern University .			
Alabama Polytechnic Ins	titute	1	
University of Mississippi		10	
Simpson College	11.50		
University of Missouri		*	
Washington University			
University of Nebraska		7	
University of Arkansas			
University of Texas .			
University of Colorado			
Denver University .		2	
Leland Stanford, Jr., Un	iversit	v	
University of California			
Tulane University .	2		
I ouisiana State Universi	ter	9	

Boston, Mass. Boston, Mass. Cambridge, Mass. . Worcester, Mass. Hartford, Conn. New York, N. Y. Annandale, N. Y. Meadville, Pa. Carlisle, Pa. State College, Pa. Lewisburg, Pa. Charlottesville, Va. Lexington, Va. Chapel Hill, N. C. Davidson, N. C. Columbia, S. C. Greenville, S. C. Spartanburg, S. C. Athens, Ga. Macon, Ga. Oxford, Ga. Atlanta, Ga. Ann Arbor, Mich. Adrian, Mich. Alliance, Ohio. Delaware, Ohio. Cincinnati, Ohio. Columbus, Ohio. Franklin, Ind. Lafayette, Ind. Evansville, Ill. Richmond, Ky. Russellville, Ky. Clarksville, Tenn. Lebanon, Tenn. Nashville, Tenn. Knoxville, Tenn. Sewanee, Tenn. Jackson, Tenn. Tuscaloosa, Ala. Greenboro, Ala. Auburn, Ala. Oxford, Miss. Indianola, Iowa. Columbia Mo. St. Louis, Mo. Lincoln, Neb. Fayetteville, Ark. Austin, Tex. Boulder, Col. Denver, Col. Palo Alto, Cal. Berkeley, Cal. New Orleans, La. Baton Rouge, La.

Louisiana State University .

Sigma Hlpha Epsilon.

Massachusetts Iota Tau Chapter.

Members.

EDWIN PARK BURDICK.
FREDERICK HOSMER COOKE.
CHARLES SPENCER CRANE.
LOUIS AUSTIN CROWELL.
CHESTER FRANCIS DRAKE.
CHARLES MUSSEY FOSDICK.
ALONZO KEYT ISHAM.

KING HARDING KNOX.
FRANK GEORGE LANE.
LESLIE WALKER MILLAR.
SUMNER MOULTON MILLIKEN.
JAMES ALEXANDER STETSON.
CHARLES FRANKLIN SMITH.
WILLIAM DEERING STAPLES.

HOWARD PARKER WISE.

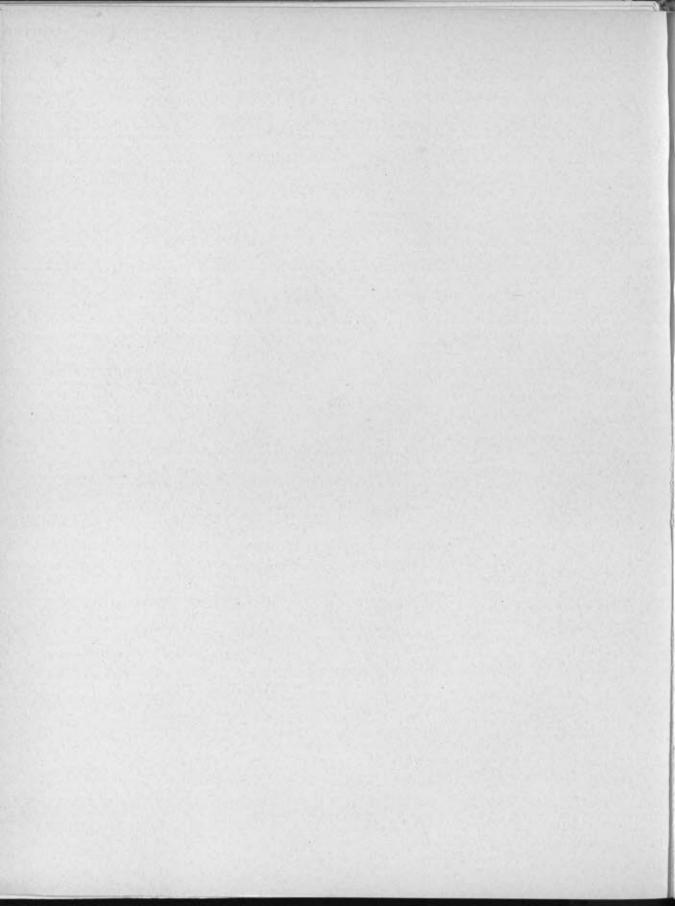
fratres in Urbe.

WALLACE CLARK BRACKETT,
HAROLD CHASE BUCKMINSTER.
RUSSELL SAMUEL BUCHER.
LUZERNE SIMEON COWLES.
WILLIAM WYMAN CROSBY.

HERBERT NATHAN DAWES,
JOHN HASTINGS HOWLAND.
CARL LEON MORGAN.
FRANK BIRD MASTERS.
WINSLOW ABBOTT WILSON.



Sheka Mila



Delta Tau Delta.

FOUNDED AT BETHANY COLLEGE, JANUARY I, 1860.

Chapter Roll. Division of the South.

A. Vanderbilt University

B. B. De Pauw University

B. Φ. Ohio State University

B. V. Wabash College

B. Z. University of Indianapolis

Nashville, Tenn.

Greencastle, Ind.

Indianapolis, Ind.

Columbus, Ohio.

Crawfordsville, Ind.

Oxford, Miss.

University of Mississippi Lexington, Va. φ. Washington and Lee University . . Athens, Ga. Β. Δ. University of Georgia . . . Oxford, Ga. B. E. Emory College Sewanee, Tenn. B. θ. University of the South New Orleans, La. B. Z. Tulane University . Division of the West. Iowa City, Iowa. 0. University of Iowa . Madison, Wis. B. T. University of Wisconsin . Minneapolis, Minn. B. H. University of Minnesota . Boulder, Col. B. K. University of Colorado Evanston, Ill. B II. Northwestern University . Palo Alto, Cal. B. P. Leland Stanford, Jr., University Lincoln, Neb. B. T. University of Nebraska . . . Champaign, Ill. B. Y. University of Illinois Division of the North. Athens, Ohio. B. Ohio University Ann Arbor, Mich. Δ. University of Michigan Albion, Mich. E. Albion College Cleveland, Ohio. Z. Adelbert College Hillsdale, Mich. K. Hillsdale College . Delaware, Ohio. M. Ohio Wesleyan University Gambien, Ohio. X. Kenyon College Bloomington, Ind. B. A. Indiana University .

Division of the East.

Α.	Allegheny College				100		Meadville, Pa.
	Washington and Jefferson College						Washington, Pa.
	Stevens Institute of Technology						Hoboken, N. J.
	Rensselaer Polytechnic Institute						Troy, N. Y.
	University of Pennsylvania .		141	2.5			Philadelphia, Pa.
	Lehigh University				- 6		S. Bethlehem, Pa.
В. М.	Tufts College						College Hill, Mass.
B. N.	Massachusetts Institute of Techno	logy		74.7		+	Boston, Mass.
	Cornell University						Ithaca, N. Y.
B. X.	Brown University						Providence, R. I.

Delta Tau Delta.

Beta Nu Chapter.

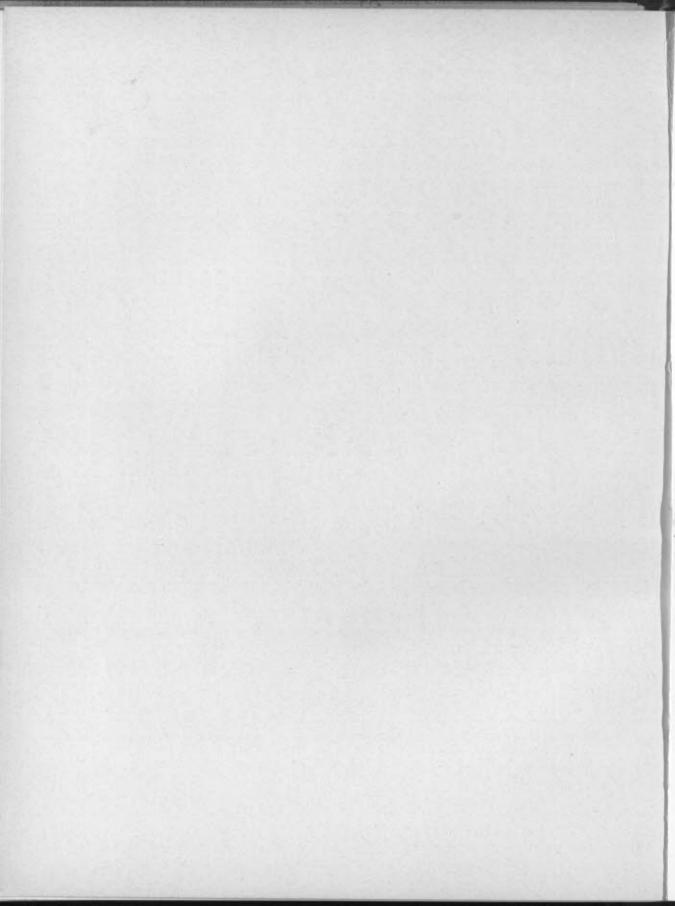
ESTABLISHED MAY, 1889. REORGANIZED MAY, 1894.

WILLIAM JACKSON ANGUS.
FRANCIS MINOT BLAKE.
DONALD CHENERY CAMPBELL.
PHILIP BENSON COOPER.
CHARLES BURTON GILLSON.
RALPH HARRIS.

HENRY DETRICT JOUETT.
CLIFFORD MILTON LEONARD.
CONRAD LORING.
THOMAS NESMITH, JR.
MONTFORT HILL SMITH.
LOUIS AMORY SOHIER.



Dreita, Phila.





	H	pha	Delt	a Ph	ní.					
HERBERT HENRY ADAMS .							ohns	Hopkins	Univ	ersity.
JEROME PAUL JACKSON .									An	nherst.
BENJAMIN ROBERT JOHNSON				14	100			Hamil		
ALPHEUS APPLETON PACKARD	¥2.			37*	. 4			Brown	Univ	ersity.
GERALD MARTIN RICHMOND									An	nherst.
	Ph	i 6:	mm	a Del	lta.					
BURTON STEDMAN CLARKE					W	orcest	ter Po	olytechnic	cal Ins	stitute.
WILLIAM SUMNER BARTON DA	NA	20			W	orcest	er Po	olytechnie	cal Ins	titute.
Alfred William Harrison								Colum		
	1	Seta		a Di						
FREDERICK DELANO BUFFUM								4 .	An	herst.
HENRY HARWOOD HEWITT						-	U	niversity	of Ch	icago.
		Dsi	Ups	ilon.						221702
WILLIAM TRUMAN ALDRICH								Brown	Univ	ersity.
GEORGE DANFORTH HUNTINGT				24				versity o		
ALLEN LOOMIS							Un	iversity o	f Mic	higan.
	τ	heta	Delt	a Cl	ní.					
PHILIP HERRICK DATER .								Willia	ms Co	ollege.
LAURENCE ASHLEY HAWKINS								Willia	ms Co	ollege.
		Ze	ta P	sí.						
HARRY HOWARD HAMLEN .	200						100	Bowd	oin C	ollege.
HERBERT HARLEY KENNEDY										ersity.
				Ome						
WILLIAM JAMES SAYWARD							Ur	niversity	of Ver	mont.
Michella Anna Machella estado (20 este				pha.				*		
GEORGE OWENS HASKELL						Uni	versit	ty of Sou	th Car	rolina.
				ta P				*170,500		
WILLIAM AVERY NILES .						1.5			100	Yale.
				a Cl						
MORTIMER BRISTOL FOSTER	-		·			llege	of th	e City of	New	Vork.
				a Ds		anege.	01 (1		21011	A OTHE
ROBERT LACY	1	in I	sapp.	r fog			ohne	Hopkins	Univ	ereity
The state of the s			_			.]	OHHIS	Tropkins	Curv	cisity.
CHARLES FRANKLIN WILLARD			τ.					T	han	N. II
CHARLES FRANKLIN WILLARD		*	*		. *	*	*	. Du	mam,	N. H.



										Member	8.
Sigma Chi										18	
-										21	
Chi Phi										20	
Delta Kappa	ı Ер	silon								22	
Phi Beta Ep										23	
Delta Upsilo										20	
Sigma Alph	a E	psilon		1				1.4		15	3
Delta Tau I										11	
Other Frate	rniti	ies rep	rese	nted					- 27	23	
										173	

Percentage of Fraternity men at Technology, 14.4.

Statistics of fraternity Men at Technology since 1885.

Year.								Nui	mber of	men									Per cent.
1885-86									52			,							8.5
£886-87		4							42										8.9
1887-88									42						*		œ.		6.1
1888-89		×							45						*				5.4
1889-90					8				93					4					10.8
1890-91			7	43	7	1			158								160		16.0
1891-92									184				,	¥	2				17.1
1892-93						74	÷		207		6					70			18.8
1893-94	1			7					191										16.5
1894-95	1						12	0	201			34	¥			-		٠.	16.9
1895-96									192						7				16.2
1896-97									189										15.8
1897-98					*		,		173		,	,		,					14.4

An Evening with the Muses.



was vacation. Outside, the snowflakes, driven by the wind, danced wildly to and fro. A bright fire burned in the grate at the club, and cast a ruddy glare upon the small group who sat, half musing, half dozing around it. The Author was there; so was the Chemist. Near by sat the Mathematician, glancing carelessly over a set of logarithmic tables; while beside him the Econo-

mist was mentally comparing the long rows of figures with a new batch of statistics which he had just memorized. A little apart sat Ulm-r, "Technology's representative society man," reading an invitation to dinner which he had just received that afternoon.

Suddenly the long silence was broken by the Author. "Let us each in turn," he said, "tell some thought or reminiscence connected with our college lives, and let us tell them in blank verse."

Silence apparently gave consent, and so, after requesting that no one should use a cleft infinitive or an unrelated participle, he began.

"Happy nights, when in the moonlight,
Sitting silent, near the seashore,
Soft she whispered sweet admissions,
Half reluctant, often fearful,
Always sweet—too sweet for daylight!
Happy was I, sitting by her,
Clasping in my hand her fingers,
Breathing love's expressive whispers
Softly, softly, softly,
Telling what it might have bee-een,
With her head upon my shoulder,
While the waves' repeated kisses
Set for us a fair example!
Better far was that example
Than the ones which W-lls has written."



The group looked up in amazement, and all eyes naturally turned toward the Mathematician. Inspiration shone in his eyes, and he was about to_reply when the Physicist and the Secretary entered the room,

each declaring that the other should have paid for the last game of billiards. Now the Mathematician's face assumed a wild, far-away look, and turning over his logarithmic tables to the Economist he chanted:—



"I remember, I remember,
In the days so long departed
(Long before I studied Wentworth),
When I used to serenade her
In the garden, near her window,
How I saw her through the casement
Give the preconcerted signal;
How she soon appeared beside me,—
How we stood there in the darkness
Till the church clock in the steeple
Struck an hour long past eleven.
Far more pleasing were those sparkings
Than the ones they see in Physics."

Wonder and surprise almost overcame the Physicist, and a look of grief took the place of his usual meek expression. Nevertheless, he was not to be outdone, and without stopping to ask for questions, he blithely trilled in return these words of reminiscence:—

"Sweet, too, were the happy meetings
When we saw our pretty cousins,
Sweet sixteen, or sometimes older,
Coming home from long vacations;
When with smiles and —, well, and so forth
With delight we gave them welcome!
Nicer were those pretty cousins
Than the mathematic cosines."

An ominous pause followed. No one seemed willing to take the lead until Ulm-r, approaching the group, ventured this:—

Massachusetts Institute of Technology.

Mr Ulneer

Bostom, Det S. 1898

Please explain your absences from the exercises in

(4) -11 - [44]

N. W. TYLER,

Supplier,

Par LICLY

"Oh, how nice the many parties,
With the girls and other prizes,
And the cards of invitation
Asking us away from duty,
Off from study—into pleasure!
How much nicer were they truly
Than the cards the Secretary
Sends to me upon the morrow,
Saying, 'Please explain your absence.'"

At this the Secretary took the cue, and after mumbling something unintelligible for several minutes, suddenly broke out in the middle of his narrative with:—

"When she, with a look disdainful,
Now repels my bold advances;
Then, won o'er by my repentance,
Yields, and listens to my pleading,
Smiles, and blushes; then with shyness,
Leaning toward me, murmurs, 'Yes, dear!'
How much better that reaction
Than those in the laboratory!"

This was a hit at the Chemist, and so that gentleman, wiping the chalk-dust off his left cheek and smiling his jolly smile, took up the narrative where the other had left off and continued thus:—

"When she thinks I need a lesson;
When she says I've gone too boldly;
When she tells me 'why I mustn't';
When she says that she 'won't have it';
When I, acquiescing, quickly
Disobey, and then get scolded,—
How much nicer are these lectures
Than the ones of Doctor D-w-y."



Here the Economist arose, and murmuring something about poets not being producers, and consequently not having any value, left the room. The Author then started an anecdote about his little son; but in less time than it takes to tell, his audience had vanished, even the fire went out, the clock struck, and the wind whistled dismally down the chimney.





her Opinion.

"Do you know why Tom Jones went to Tech?" said the first, As they talked at an afternoon tea.

The other replied with a smile, "Why, I guess,
He went to secure an 'S. B."

"But I think that I see through his plan;
He's collecting initials, and wants that 'S. B.'
For his fancee's monogram fan."

Le smalle and weaklie clubbes atte Teche, O'er whiche doe sitte Tom or Rudolf, Hre manie as ye same, I recke, Whiche players use in game of golfe; Or as ye greene and shinie leafe, Whiche everie yeare dothe freshe abounde, But everie yeare dothe come to griefe, And falleth sadlie to ye grounde.

hammer and Tongs.

Officers.

President.

Samuel Fosdick Jones.

Vice President.

George Frederick Ulmer.

Secretary.
Walter Gustave Zimmermann.

Treasurer.

JOSEPH BANCROFT.

Members.

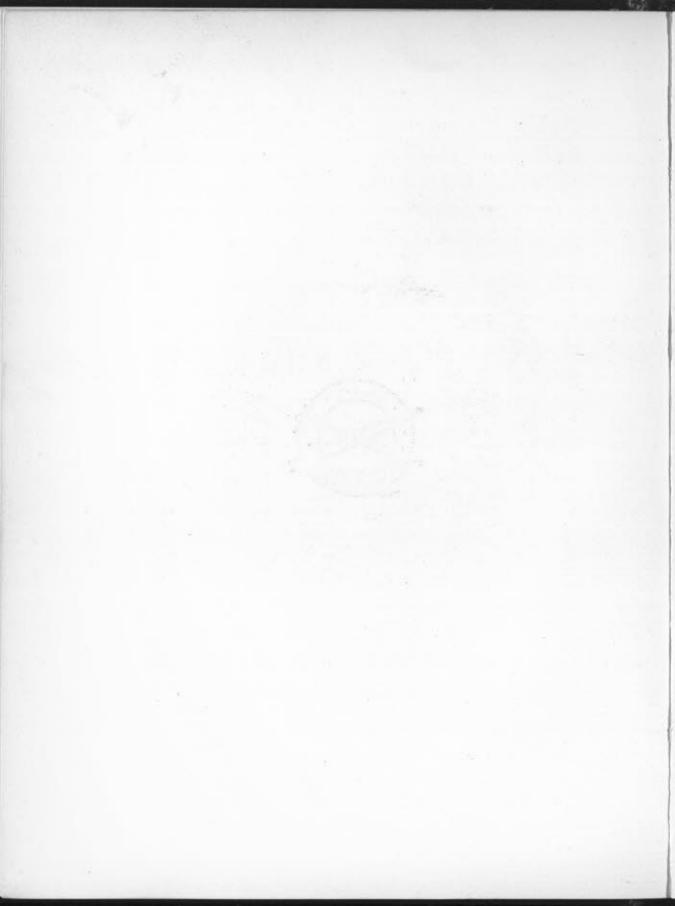
HERBERT ADAMS.
HENRY KIMBERLY BABCOCK.
JOSEPH BANCROFT.
THOMAS HALLY BISSELL.
JOHN STEARNS BLEECKER.
DICKSON QUEEN BROWN.
FINLAY FORBES FERGUSON.
ARTHUR LITTLE HAMILTON.
LEWIS ANDREWS HAYDEN.
ALEXANDER RIEMAN HOLLIDAY.
TIMOTHY WRIGHT HOXIE.

EDWARD JOHNSON, JR.
SAMUEL FOSDICK JONES.
GUY MAGEE, JR.
HENRY GRANT MORSE, JR.
WILLIAM EDWARD PUTNAM, JR.
EDWARD BRIDGE RICHARDSON.
HOMER EARLE SARGENT, JR.
ROWLAND WILLIAMS STEBBINS.
ALBERT LORING SWASEY.
GEORGE FREDERICK ULMER.
WALTER GUSTAVE ZIMMERMANN.



N

è







Officers.

Chief.

Medicine Man.

LEWIS STEWART.

RALPH PLUMB.

Chief's Daughter.

CHARLES CALVIN BRIGGS.

Council of War.

WALTER ESMOND RABBETH. GEORGE STANTON TIFFANY. HENRY WELLES TUBBS.

Braves.

Class of 1900.

CHARLES CALVIN BRIGGS, JR. SAMUEL BASS ELBERT. BERTRAM WILLIAM BATCHELDER GREENE. JOHN MITCHELL HIGGINS. SULLIVAN WILLIAM JONES. RALPH PLUMB. WALTER ESMOND RABBETH. WALTER LOUIS RAPP. GEORGE OTTO SCHNELLER. STANLEY COLLAMORE SEARS. MARCY LEAVENWORTH SPERRY. LEWIS STEWART. GEORGE STANTON TIFFANY. HENRY WELLES TUBBS. THEODORE CALVIN TUCK. MORRIS HOMANS WHITEHOUSE.



Class of 1901.

CHARLES WARD ADAMS. WARREN IRA BICKFORD. CARL THOMPSON BILYEA. HARRY GEORGE KOCH. SILAS CLARENCE MERRICK. HAROLD WESSON.



K2 S.

Officers.

President.

JOHN NEWTON GODDARD.

Vice President.

LEWIS J. SEIDENSTICKER.

Secretary.

ARTHUR A. BLANCHARD.

Treasurer.

D. WILBERT EDGERLY.

Librarian.

CLIFFORD M. SWAN.

Members.

WALTER OWEN ADAMS. REUBEN WILFRED BALCOM. JAMES HERVEY BATCHELLER. ARTHUR ALPHONZO BLANCHARD. LOUIS BENNETT BREER. CHARLES HOYT BROWN. FRED OSCAR BUNNELL. WILLIAM MALCOLM CORSE. DANIEL WILBERT EDGERLY. DWIGHT FARNUM. CHARLES BURTON GILLSON. IOHN NEWTON GODDARD. RALPH HARRIS.

EDWARD THEODORE HILDRETH. RAYMOND MOLLYNEAUX HUGHES. ARELI HULL JACOBY. FREDERICK HOOPER JONES. CARLETON SPAYTH KOCH. ALBERT FRANKLIN NATHAN, IR. JAMES ALFRED PATCH. WARREN ALBERT PRIEST. LEWIS JEROME SEIDENSTICKER. CLIFFORD MELVILLE SWAN. FRANK ROBINSON SWIFT. PERCIVAL EDWARD TRUE. JOHN LAWRENCE TUFTS

GEORGE CARLOS WINSLOW.

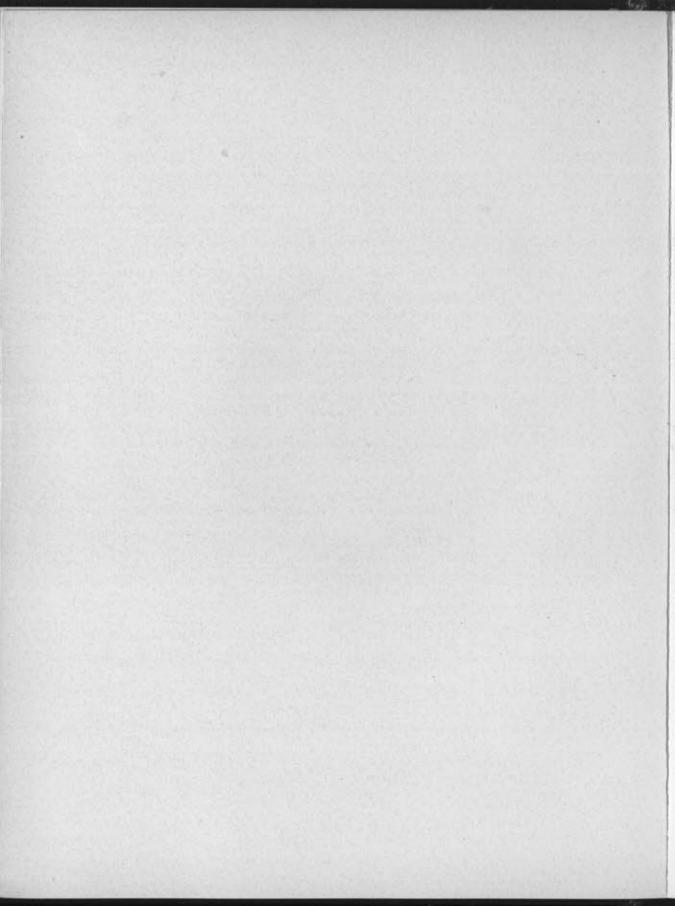
honorary Members.

IAMES M. CRAFTS. SAMUEL CABOT. HENRY CARMICHAEL. THOMAS M. DROWN. THOMAS EVANS. HENRY FAY. AUGUSTUS H. GILL. HEINRICH O. HOFFMAN. G. RUSSELL LINCOLN. RICHARD W. LODGE.

F. JEWETT MOORE. SAMUEL P. MULLIKIN. JAMES F. NORRIS ARTHUR A. NOYES. GEORGE WILLIAM ROLFE. JOHN W. SMITH. HENRY PAUL TALBOT. ROBERT H. RICHARDS. WILLIAM H. WALKER. WILLIS R. WHITNEY.



Denlisk Fibrilla



H General Complaint.

"Oh for an 'L'!" the freshman cried,

Hs he stood at the foot of the stairs and sighed,

"Oh for an 'L'!"

"Oh for an 'L'!" the Sophomore moaned,

He he came to the freshman's side, and groaned,

"Oh for an 'L'!"

"Oh for an 'L'!" said the Junior gay,

As he joined his friends on that warm spring day,

"Oh for an 'L'!"

"Oh for an 'L'!" was the Senior's call,

He he sauntered up to the group in the hall.

H "prof." was passing and heard them curse,

Hnd thought that they all must have "D's" or worse;

Hnd he smiled as he heard that sad refrain

from each of the classmen, again and again,

"Oh for an 'L'!"

But still in volume and strength it grew, Hnd echoed the halls of the building through, Till it shook the walls of their Alma Mater, "Oh for an 'L'!—for an elevator!"

The Sherwood Club.

Officers.

Robin Hood.

FREDERICK ICKES MERRICK.

Little John.

BERTRAM WILLIAM BATCHELDER GREENE.

Friar Tuck.

STEPHEN PEARSON BROWN.

Outlaws.

MERRILL ASA CALL.

BERTRAM WILLIAM BATCHELDER GREENE-

WILLIAM RAWSON COLLIER.

GEORGE OTTO SCHNELLER.

STANLEY COLLAMORE SEARS.

Class of '99.

WILLIAM MALCOLM CORSE.

WILLIAM LEHMER CURRY.

ROBERT FRAZER, JR. RUSSELL GILPIN.

ARTHUR LITTLE HAMILTON.

EDWARD HOSMER HAMMOND.

ROBERT GRANT HOLABIRD.

ALEXANDER RIEMAN HOLLIDAY.

TIMOTHY WRIGHT HOXIE.

GEORGE OTIS JACKSON.

CHARLES SNEAD McDonald.

HENRY GRANT MORSE, JR.

WILLIAM STARK NEWELL.

GEORGE AVERY ROBINSON.

THOMAS PENDLETON ROBINSON.

ROLAND WILLIAMS STEBBINS.

MERLE WEEKS.

Class of 1900.

ARTHUR HENRY BIRKS.

EDWARD PIERREPONT BECKWITH.

STEPHEN PEARSON BROWN.

MERRILL ASA CALL.

ROBERT HODGEN CLARY

WILLIAM RAWSON COLLIER.

.

RUSSELL HENRY GLOVER.

BARTON HASELTON.

FREDERICK ICKES MERRICK.

FRANK MORRIS RILEY.

GEORGE OTTO SCHNELLER.

STANLEY COLLAMORE SEARS.

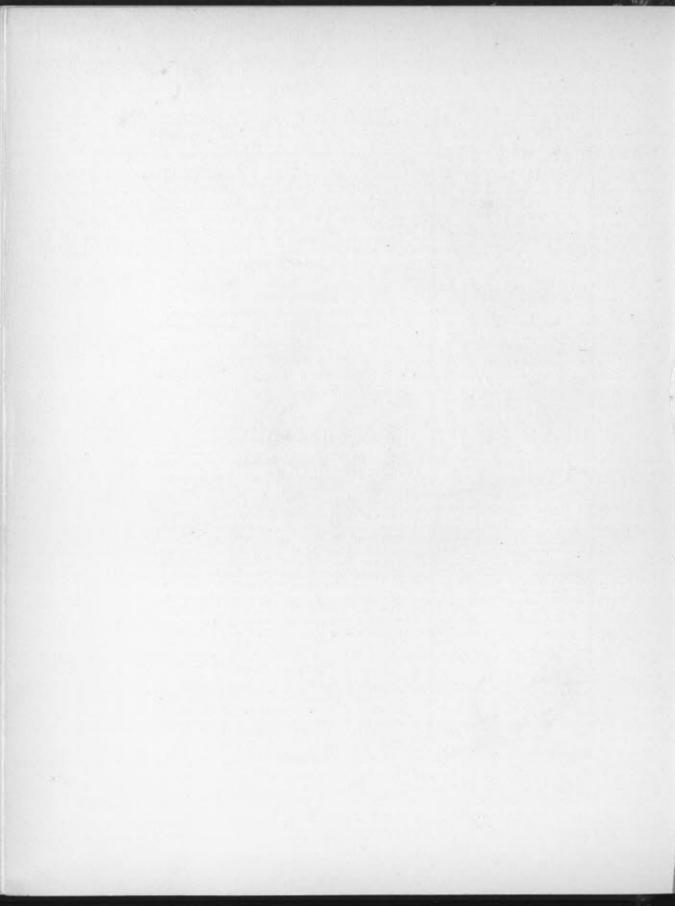
CHARLES EDWIN SHERMAN.

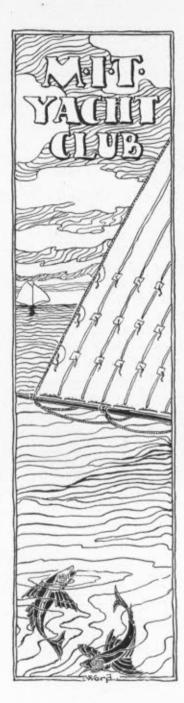
MARCY LEAVENWORTH SPERRY.

BERTRAM WILLIAM BATCHELDER GREENE. RALPH STEVENS.

GEORGE STANTON TIFFANY.







The Massachusetts Institute of Technology Yacht Club wasorganized Nov. 27, 1894, for the twofold purpose of promoting the interest of yachting in general, and of bringing together those men at the Institute of a nautical inclination. An effort has always been made to be represented at the annual cruises of the different college clubs. This has been attained with great success, the fleet having been represented at every intercollegiate race that has been held on this coast. In the event of no such races being held, it has accompanied the New York Yacht Clubon its annual cruise. The club has a brilliant prospect for the coming summer, as it has recently enrolled five new yachts, aswell as two 21-foot knockabouts and a Herreshoff thirty footer, which are now being built.

Officers.

Commodore.

ALBERT LORING SWASEY.

Vice Commodore. Rear Commodore. EDWARD STURTEVANT. THEODORE W. BRIGHAM.

> Fleet Captain. MORGAN BARNEY.

Secretary.

Treasurer.

EDWARD JOHNSON, JR.

BASSETT JONES, IR.

Regatta Committee.

EDWARD STURTEVANT. THEODORE WILLIAM BRIGHAM. MORGAN BARNEY.

Hetive Members.

WM. TRUMAN ALDRICH. SAMUEL F. JONES. HENRY K. BABCOCK. MORGAN BARNEY. FRANCIS MINOT BLAKE. WILLIAM S. NEWELL. IOHN S. BLEECKER. THEODORE W. BRIGHAM, WALTER PAGE. REUBEN BACON CLARK. WILLIAM E. PUTNAM. EDWARD BAILEY COOK. ANDREW E. RITCHIE. ROBERT MASON DERBY. CHARLES F. SMITH. IAMES CYRUS DRYER. EDWARD H. HAMMOND. ALBERT L. SWASEY. EDWARD JOHNSON, IR. HAROLD WESSON BASSETT IONES, IR.

SULLIVAN W. JONES. WILLIAM A. KINSMAN. ARCHIBALD PACKARD. GRANVILLE SMITH. FREDERICK C. FIELD. EDWARD STURTEVANT. C.-E. A. Winslow. WILLIAM WHIPPLE.

honorary Members.

CHARLES BINNEY. HARRY M. CRANE. CHARLES S. EATON. HARRY S. GILMAN. HARRY HOWARD.

I. PRINCE LOUD. PROF. G. A. OSBORNE. GEORGE OWEN, JR. ANDREW D. FULLER. PROF. C. H. PEABODY. CHARLES H. POPE. O. B. ROBERTS.

Yachts Enrolled in the M. I. T. fleet.

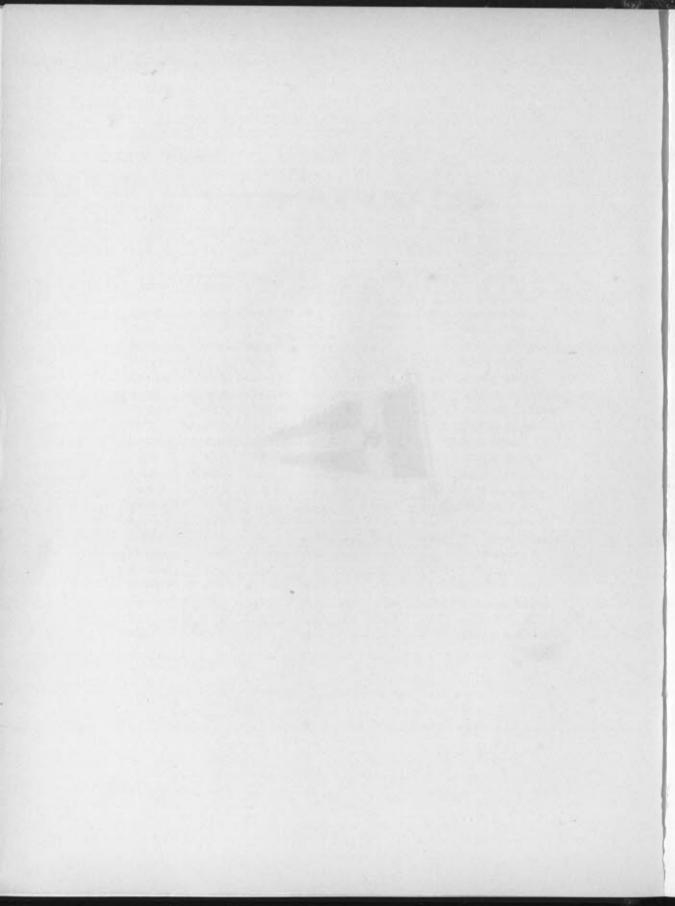
				c	LUB MEASU)			
NAME OF YACHT.	C	enterboard or Keel,	Rig.		Length on Water Line		Draught,	OWNER,
America .		С. В.	Schr.	Ft. In. 10S.0	Ft. In. 96.0	Ft. In. 22.8	Ft. In. 9.0	*Butler Ames.
Bobolink		C. B.	Cat.	13.6	13.4	6.0	10.0	William Whipple.
Brynlys .		Keel.	Schr.		50.0			*William H. Clifford.
Conquiesco		C. B.	Sloop.	31.0	27.5	11.6	3.10	*Bryce Metcalf.
Cynthia .		C. B.	Cat.	14.0	13.9	6.4	1.0	Harold Wesson.
Ellide .		Keel.	Catyawl	. 34.0	26.0	9.0	5.6	William T. Aldrich.
Fantaisie		C. B.	Jib & M.	30.0	29.10	11.0	2.9	Frederick C. Field.
Ferlie .		C. B.	Cat.	18.2	17.0	9.0	23.0	Edward Sturtevant.
Goblin .		C. B.	Jib & M.	19.0	16.2	8.3	9.	S. C. Sears.
Lotus .		C. B.	Cat.	16.7	12.2	6.0	15.	Morgan Barney.
Louise .		Keel.	Schr.	22.0	19.0	6.0	4.0	Edward Johnson, Jr.
Narona .		C. B.	Jib & M.	39.0	25.0	10.0	4.0	T. W. Brigham.
Nordica .		C. B.	Sloop.	32.0	28.0	11.9	4.10	*Mark M. Allen.
Nurva .		Keel	Jib & M.	23.3	15.6	6.0	4.0	T. W. Brigham.
Orchid .		C. B.	Cat.	25.6	21.0	10.6	2.6	Prof. G. A. Osborne.
Pioneer .	ą	Keel.	Jib & M.	31.0	19.0	6.6	5.0	H. M. Crane.
Saladin .		Keel.	Sloop.	42.0	29.9	10.0	7.0	J. P. Loud.
Shindrift	÷	С. В.	Jib & M.	20.0	17.0	7.0	16.	Bassett Jones, Jr.
Venture .		C. B.	Sloop.	28 o	23.8	9.0	3.8	A. Loring Swasey.
Wenonah	į	C.B.	Cat.	15.0	15.0	5.0	1.5	A. A. Packard.

^{*}Alumni Members.

Wm. A. Kinsman.

May . . . C. B. Cat. 15.0 14.5 4.6 14.







The Andover Club of the Massachusetts Institute of Technology was organized Feb. 23, 1894. Any student in the Institute who has been a student at Phillips-Andover Academy is entitled to membership. The object of the Club is to promote good fellowship between Phillips-Andover men at the Institute, and to extend that feeling to Andover men who expect to enter. The members meet annually for a dinner, which is the social event of the year, and which serves to bring them into closer relations, and to unite more firmly the Andover men of the various classes.

Officers.

President.

ARTHUR LITTLE HAMILTON.

Vice President. HENRY KIMBERLY BABCOCK.

Secretary and Treasurer. MILES STANDISH SHERRILL.

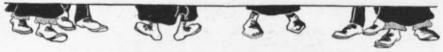
Members.

HENRY KIMBERLY BABCOCK WILLIAM HIBBARD HINMAN. HOWARD LAWRENCE BODWELL. LOUIS BREER. CLARENCE CLAPP BROWN. HAROLD HENRY DAVIS. IRÉNÉE DU PONT. WILLIAM HOWARD FULTON. ARTHUR LITTLE HAMILTON. WILLIAM FOWLER HEARNE.

Douglass Condé Jillson. ELLIS FULLER LAWRENCE. W. A. MARSHALL. ISAAC OSGOOD. GEORGE OTTO SCHNELLER. KENNETH SEAVER. MILES STANDISH SHERRILL. CHARLES JORNEGAN SKINNER.

HERVEY JUDSON SKINNER.





The M. I. T. Chicago Club was formed October, 1895, with Messrs. Beers, Hoit, Willis, and Zimmermann as prime movers. The chief aim of the Club is the advancement of the interests of Technology in and around Chicago. Social features form a prominent part of the meetings, and together with occasional dinners, constitute a pleasant element of the work of the Club.

Officers.

President.

C. B. GILLSON, '99.

Vice President.

G. B. STREET, '99.

Secretary.

F. WATKINS, '99.

Executive Committee.

H. E. SARGENT, JR., '98.

Members.

W. J. Angus, 'oo.

E. B. BAUMANN, '98.

P. R. BROOKS, '00.

J. R. BROWNELL, '99.

E. B. CAHN, '00.

F. D. CHASE, 'co.

R. S. DE GOLYER, '98.

C. S. DRAKE, '99.

W. B. DWIGHT, 'co.

F. W. EVERETT, '98.

L. S. Florsheim, 'oi.

C. B. GILLSON, '99.

D. E. GRAY, '00.

M. W. HALL, '00.

J. T. HARAHAN, JR., '99.

H. H. HEWITT, '99.

Treasurer.

W. J. Angus, 'oo.

D. E. GRAY, '00.

F. J. Huse, '99.

R. G. Holabird, '99.

V. R. Lansingh, '98.

C. M. LEONARD, 'CO.

G. MAGEE, JR., '99.

H. C. Morris, 'oo.

H. H. RIDDLE, '99.

L. W. RIDDLE, '99.

W. M. RICE, 'OI.

H. E. SARGENT, JR., '98.

G. B. STREET, '99.

A. G. A. SCHMIDT, '00.

T. E. TALLMADGE, '98.

F. WATKINS, '99.

F. B. WILDER, 'co.

W. G. ZIMMERMANN, '98.





The Washington Club was formed in 1896, in order to bring more closely together those students registered at the Institute from Washington, D. C. It is a purely social organization.

Members.

WARREN I. BICKFORD.

CHARLES F. SMITH.

REUBEN B. CLARK.

GRANVILLE SMITH.

BERNARD HERMAN.

OSCAR G. VOGT.

HARRY M. KEYS.

MERLE WEEKS.



Dreamble to the Constitution.

WHEREAS, In the pursuance of study and the furthering of our education, we are forced to sever the strong ties of home and social circles, and to cast our lot temporarily among strangers differing so widely from those we leave behind, in that sympathy and warm-heartedness held so dear by the Southern youth;

WHEREAS, Realizing the extent of this sacrifice, and wishing, as far as possible, to assist each and every student so situated,-

We, the undersigned, do agree to unite and form a club, for the purpose of bringing together in more intimate fellowship the students from the South registered at the Massachusetts Institute of Technology.

Officers.

President.

GEORGE OWENS HASKELL.

Savannah, Ga.

Vice President.

HARRY MONTIFIX KEYS, Edgewood, Md.

Secretary and Treasurer.

CHARLES ALLEN MERRIAM, Charleston, S. C.

Executive Committee.

THOMAS HELM MINARY,

Louisville, Ky.

OSCAR GEORGE VOGT, Washington, D. C.

Amos George Robinson, Vienna, Va.

Members.

ISAAC DAVID BARDIN GEORGE OWENS HASKELL. HARRY MONTIFIX KEYS . CHARLES ALLEN MERRIAM THOMAS HELM MINARY . Amos George Robinson, GRANVILLE SMITH . WILLIAM GEORGE SUCRO . OSCAR GEORGE VOGT JOHN FREDERICK WESSEL, Allan Harvey Woodward, Birmingham, Ala.

Charleston, S. C. Savannah, Ga. Edgewood, Md. Charleston, S. C. Louisville, Ky. Vienna, Va. Washington, D. C. Catonsville, Md. Washington, D. C. Nashville, Tenn.





The Walker Club was formed by the students of Course IX., in December, 1894. Its object, as stated in its Constitution, is, "To promote the social and intellectual advancement of its members." The active members consist of the various members of the Faculty connected with the Course, and of the students in Course IX, in the Sophomore, Junior, and Senior years.

The regular meetings are held, generally, once a month, in the evening. For the past two years they have been at the Technology Club. The programme consists of an informal talk to the members, given usually by some professor or instructor of the Institute, Besides these regular functions the Club has, for two years past, presented English plays during Junior Week. The first of these performances, given in 1896, consisted of an original comedy, "Mr. Jones, Instructor," by Harry D. Hunt, '97, and a farce comedy, "The X-ray Machine," The next year Pinero's comedy, "Dandy Dick," was presented. While the plays are under the management of the Walker Club, the actors are drawn from Technology at large. The aim of the Club in presenting these plays has not been financial, but to make them an important social event of Junior Week, a Technology affair, and, as such, deserving of the support of the Institute.

Officers.

Executive Committee.

EVERETT NICHOLS CURTIS, '98. JOHN PORTER DRAPER, 1900.

Amasa Amidon Holden, '99. PROF. JOHN O. SUMNER.

Secretary and Treasurer. DAVID LAFOREST WING.

faculty Members.

PROF. ARLO BATES. PROF. CHARLES R. CROSS.

PROF. C. F. A. CURRIER. PROF. DAVIS R. DEWEY.

PROF. GEORGE T. DIPPOLD.

MR. HENRY G. PEARSON. PROF. WILLIAM Z. RIPLEY.

PROF. WILLIAM T. SEDGWICK.

PROF. JOHN O. SUMNER.

PROF. ALPHONSE N. VAN DAELL.

PROF. FRANK VOGEL.

Members.

EVERETT NICHOLS CURTIS. CHARLES FRANCIS F. CAMPBELL. ARTHUR McGregor Constantine. JOSEPH PORTER DRAPER. ROBERT FRAZER, IR. CARL FREDERICK GAUSS. LESTER DURAND GARDNER. GEORGE ANTHONY HALL.

AMASA AMIDON HOLDEN. HERBERT HOLMES HOWE. EDWARD RIGGS ROBSON. ERNEST FRANK RUSS. BRACKLEY AZEL SHAW. EDWARD STURTEVANT. FRED HENRY TWOMBLY. IRVING CHAMBERS WEEKS.

DAVID LAFOREST WING.



During the first term of the year '03-04 a society known as the "Cercle Français" was founded, with the object of promoting a knowledge of French conversation and literature. The club was formed chiefly by the members of the Architectural Course, who found that they were not familiar enough with conversational French to be able to understand the criticisms of M. Despradelle. Soon after its formation the name was changed to "L'Avenir." On March 30th of Junior Week, 1894, the club gave the French comedies, "L'Amour de l'Art," by Eugène Labiche, and "L'Andalouse," by Alfred Billet; both arranged for the occasion by M. Bernard.

In the following Junior Week another theatrical performance was given, consisting of the one act comedies, "La Cigale chèz les Fourmis," by Ernest Legouvi and Eugène Labiche; and "Le Thème American," a revision of Mmc. Viletard's "Le Theme Russe." The success of this performance was so great a second one was given. The last play given by L'Avenir was performed in Huntington Hall, in the first term of '96-97. At present weekly meetings are held, when papers in French are read, and all conversation is in that language.

Officers.

Président. BERTRAM W. B. GREENE.

Secrétaire. MARCY LEAVENWORTH SPERRY.

Vice-Président. SYLVESTER Q. CANNON.

Trésorier. CLANCEY MONTANA LEWIS.

Membre du Conseil d'Administration. C. T. LEEDS.

Membres.

LEWIS B. ABBOT. ROBERT W. BAILEY. THOMAS W. BAILEY. NEWTON D. BENSON. JOHN S. BLEECKER. PAUL R. BROOKS. SYLVESTER Q. CANNON. WILLARD T. CANNON. EDWARD S. CHAPIN. A. McG. Constantine. GEORGE T. COTTLE. LEONARD H. FIELD, JR.

ROBERT FRAZER, JR. RUSSELL GILPIN. ALBERTO P. GONZALEZ. BERTRAM W. B. GREENE. BRACKLEY A. SHAW. GEORGE A. HALL. RALPH HARRIS. ALFRED W. HARRISON. EDWARD JOHNSON, IR. CHARLES T. LEEDS. CLANCEY M. LEWIS. SALVADOR MADERO. DURAND MAYER.

WILLIAM L. MORRIS. EDWARD NORTH, 2D. PHILIP C. PEARSON. GODFREY L. SMITH. G. L. SOUTH. FREDERIC W. SOUTHWORTH. MARCY L. SPERRY. GEORGE W. TREAT. WILLIAM WHIPPLE. DAVID LA FOREST WING. CHARLES-E. A. WINSLOW.

Membres Bonoraires.

M. LE PRESIDENT J. M. CRAFTS. M. LE PROF. G. LANZA.

M. LE PROF. F. W. CHANDLER. M. LE PROF. A. W. VAN DAELL.

M. LE PROF. D. DESPRADELLE. M. CHAS. H. L. N. BERNARD.

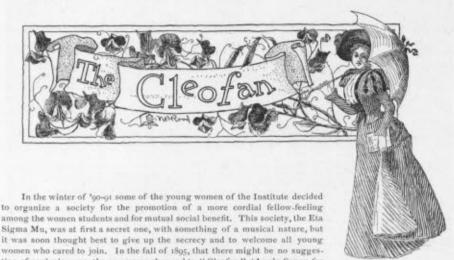
M. LE PROF. G. T. DIPPOLD. M. LÉON E. BERNARD.

M. George V. Wendell.









tion of exclusiveness, the name was changed to "Cleofan" (Anglo-Saxon for "Club"). During the summer a committee of the club obtains the names of the women who intend to become students, and writes to them, offering any help or information which it can give. When the students arrive the club lends its aid in acquainting them with the Institute, and later tenders them a reception. Every Friday at 4.30 "tea" is served, to all young women who care to attend, in the Margaret Cheney Reading Room, Walker Building.

Officers.

President.

MABEL F. FORREST.

Vice President.
Susannah Usher.

Secretary.

GRACE LANGFORD.

Treasurer.

HENRIETTA C. DOZIER.

Members.

BERTHA L. BALLANTYNE.
JANE H. BARTLETT.
ALICE M. BURR.
EDNA M. CHANDLER.
EVA H. CRANE.
KATHARINE DEXTER.
CLARA I. DURGIN.
EMMA E. FERRIS.
ANNA B. GALLUP.
ETHEL A. GLEASON.
HENRIETTA L. GRAVES.
GRETA GRAY.

CORA S. HOPWOOD.

MINERVA A. LAING.

LAURA M. LUNDIN.

GRACE MACLEOD.

SUSAN L. MARA.

HARRIETTE N. NOYES.

MARION D. PATTERSON.

AMY E. PHŒNIX.

MARY J. THOMSON.

ELEANOR F. WHITING.

ALICE V. WILSON.

ELVIRA WOOD.





Chess Clubs at the Institute have existed intermittently for some years. The present one was organized in 1896, by Mr. Jackson, '95. Last year an interesting tournament was held among the members, the prize being a set of chessmen. Mr. R. H. Bolster won the tournament, with Mr. G. E. Mathews second. An entertaining meeting was also held with Mr. Barrows, the champion of New England, who played the whole Club simultaneously, and won every game.

This year arrangements are being made to play matches with the various colleges around Boston. During the games with Mr. Barry this year the Club won one game. In a contest with the Boston Y. M. C. A. last winter Technology won, the score being 4-3. A tournament is now in progress within the Club, in which each member plays every other member.

Officers.

President.

ALBERT FRANKLIN NATHAN, JR., '99.

Vice President.

JOSEPH COCHRAN COOK, '98.

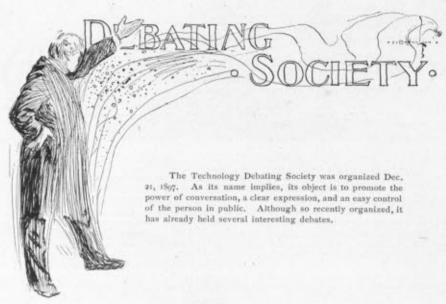
Secretary and Treasurer. Roy Hale Bolster, '00.

Members.

CHARLES AUGUSTUS BARTON, JR., '00.
FRANCIS MINOT BLAKE, '98.
GEORGE WHITEFIELD BLOOD, '98.
ROY HALE BOLSTER, '00.
JOHN RANDOLPH BROWNELL, '00.
EDWARD SAMUEL CHAPIN, '98.
JOSEPH COCHRAN COOK, '98.
FRANCIS ELMORE CADY, '00.
ALVAN LAMSON DAVIS, '98.
RICHARD CROSBY DE WOLF, '00.
FRANK BOLTIN HEATHMAN, '98.
ROSS HASBROUCK, '99.
EDWIN WALDEN HAMMOND, '99.

Sumner Hazelwood, 'oi.
Harry Creighton Ingalls, '98.
Paul Franklin Johnson, '98.
Francis Church Lincoln, 'oo.
Harold Loomis Morgan, 'oo.
George Eugene Mathews, '98.
Albert Franklin Nathan, Jr., '99.
Henry Douglas Osgood, '98.
Edward Everett Pierce, '99.
William Edward Putnam, Jr., '98.
Frank Robinson Swift, '99.
Maurice De Kay Thompson, Jr., '98.
Percival Edward True, 'oo.

CHARLES-EDWARD AMORY WINSLOW, '9S.



Officers.

President.

HARRISON EVERETT ASHLEY.

Vice President.

WINTHROP ST. CLAIR.

Secretary.

MAURICE DAVENPORT.

Treasurer.

OTTO LUYTIES.

Members.

HARRISON E. ASHLEY.
MORGAN BARNEY.
THEODORE W. BRIGHAM.
HENRY M. BROCK.
BURTON S. CLARK.
JAMES K. CLARK.
N. LORING DANFORTH.
MAURICE DAVENPORT.
RICHARD C. DE WOLF.
GEORGE P. DIKE.
WILLARD W. DOW.

BERTRAM W. B. GREENE.
EVERETT H. HINCKLEY.
WILLIAM H. HUBBARD.
CARL F. JOHNSON.
FRANCIS C. LINCOLN.
OTTO G. LUYTIES.
DURAND MAYER.
CHARLES B. PAGE.
PHILIP C. PEARSON.
S. WINTHROP ST. CLAIR.
SOLON J. STONE, JR.



lished an exchange to facilitate the sale of secondhand text-books. In November, 1889, the Society started the lunch room in Rogers, but in the
fall of 1890 decided to turn this over to the Corporation. At the present time the Society prepares each
year a list of tradesmen who agree to give discounts ranging from five to twenty-five per cent, upon
the presentation of membership tickets. Supply rooms are also operated in Engineering and Architectural Buildings, the profits of which, as well as those from the sale of membership tickets, are
devoted entirely to scholarships. The management consists of a Board of Directors, composed of representatives elected annually from each of the classes of the Institute. During the past year six scholarships have been awarded,—two of seventy-five dollars each, three of one hundred each, and one of two
hundred. Since its establishment the Society has given thirty-five scholarships, amounting to four
thousand three hundred and sixty dollars.

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Young Men's Christian Association.

The Young Men's Christian Association at the Institute was formed Jan. 17, 1895, through the encouragement of John R. Mott, National College Secretary of the Y. M. C. A., and Robert E. Lewis, then State Secretary of Massachusetts and Rhode Island.

An important part of the work of the Association has been that carried on for new students. Each year handbooks are distributed, information bureaus conducted at June and September examinations, a lodging and boarding house list prepared by the combined Associations of the city, and a reception of welcome tendered.

The first few weeks of college life are very influential in shaping the after life of the student, and it is the aim of the Association to place the new men in good surroundings, acquaint them with manly fellows, and assist them in every possible way when they first arrive.

The following extracts indicate the attitude of the Faculty in regard to the Association work.

The first quotation is from President Walker's report for 1895, and the second from President Crafts's report for 1897:—

"I am happy to say that still further efforts are being made for the purpose of assisting the student, on newly coming to the Institute, to order his life in Boston to the best advantage; and also to improve the general social character of the school. The Young Men's Christian Association of the Institute has especially directed its energies to the first-mentioned object. . . . The Association has made the important advance of taking an ordinary dwelling house at the South End and making it a club-house, most of the rooms being occupied by the officers and other members as their ordinary living rooms, while the public rooms are freely open to students. This certainly shows a most commendable spirit on the part of the young men concerned, who have as good an opportunity as they could possibly desire to exert an excellent influence upon the social life of the school. I do not see why several such centers of benevolent activity may not in time be established in different parts of the city where our students congregate."

"The work of students belonging to this Association, which was described in the last report, has been carried on with renewed energy this year. Fifteen hundred handbooks have been issued, so that each new student, or any one expecting to come to the Institute, is supplied with a guide to the headquarters of the Association, where he can obtain directions regarding lodging places, as well as information regarding calculators."

The Association maintains a regular weekly meeting, three Bible classes, one mission-study class, and informal social gatherings at the headquarters, 466 Massachusetts Avenue.

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PROFESSIONAL SOCIETIES





FITEOTURAL CITY OF THE

On Oct. 15, 1886, a few members of the Architectural Department held a meeting, and drew up a constitution for a Sketch Club. The first regular meeting of the Club thus formed was held at the Quincy House on the evening of Nov. 13, 1886. This meeting was entirely devoted to an address given by Mr. O'Grady, who, among other suggestions, laid especial stress on the monthly publication of an Architectural. paper representative of the work done by the department, and containing the first mentioned drawings of the students of the same department. This paper, published under the title of The Technology Review, was acknowledged to be of high standing in the Architectural world, and has had a very extensive circulation. A publishing house finally acquired possession of it, and the Architectural Review of to-day is an outgrowth of our paper. growth of our paper.

growth of our paper.

Each member of the Society is required to make an allotted number of tracings of architectural details; and from these blue prints are made, thus aiding the members in obtaining a valuable collection for future reference, otherwise impossible.

Bohemian-dimers are held throughout the college year, at which the professors of the course and prominent architects of the city meet the members, and impart to them invaluable methods and ideas to be obtained in no other way. A special feature of the programme of the Society is its Smoke Talks, held monthly, at which various architects prominent in special branches of the profession address the members.

In keeping with the original idea of the Society, a Pencil Sketch Club has been formed. A competition is open to the members, the drawings placed on exhibition during the year, and judged by Professor Despradelle. Another important work is the publication of an annual catalogue containing representative work of the students of the department.

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The Civil Engineering Society of the Massachusetts Institute of Technology was organized Feb. 20, 1889. The membership is composed of students from the fourth, third, and second year classes in the Civil, Sanitary, and Mining Engineering departments. All professors and instructors of the Civil Engineering department are also members. The object of the Society is to increase the interest of the student members in Civil Engineering subjects, and incidentally to promote freedom of speech among them.

Meetings are held every two or three weeks during the school year, at which the literary programme is the important feature. Addresses are delivered by either professors, business men, or the students themselves, after which an opportunity is given all who wish to ask questions and discuss the topic.

The Society has been enabled to furnish a lantern for the purpose of illustration. It has also contributed a Century Dictionary to the Civil Engineering Library, and the sum of twenty-five dollars (\$25) to the Walker Memorial Fund.

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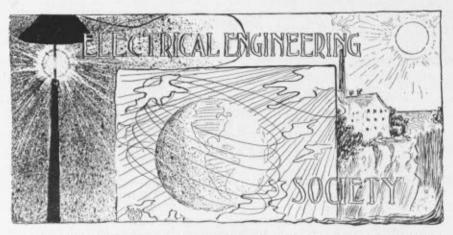
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The Electrical Engineering Society was formed in the fall of 1893. It was a direct outgrowth of the M. I. T. Electric Club, which had been established in 1889. The members of this latter organization were elected by ballot, but with the change of name in 1893 membership was opened to all students in Courses VI. and VIII.; the Seniors and Juniors being active members, the others associate members. Honorary membership may be conferred upon any person interested in the Society. The object of this organization is the study and discussion of scientific and engineering subjects. Meetings are held each month during the college year, and the programme consists of lectures and talks by prominent engineers and designers, as well as by the members themselves. These talks are illustrated in many cases by experiments, drawings, lantern slides, etc. A number of excursions are also taken during the year to various lighting and power plants and manufacturing establishments in the neighborhood of Boston, the arrangements for which, as well as for the meetings, are made by a programme committee of twenty-four members elected at the beginning of each year.

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The Mechanical Engineering Society of the Massachusetts Institute of Technology was formed in the spring of 1897, the Junior Class taking the initiative. Little was attempted at that time other than organization, and preparation for the following year.

The chief object of the Society is to bring its members more closely into touch with the engineering world. It is sought to accomplish this end in part by having talks from graduates or others engaged in engineering work, and also by assigning subjects to the members to be looked up in periodicals or elsewhere, and delivered before the Society, thus interesting them in professional literature, as well as aiding them to talk without embarrassment before an audience.

Monthly meetings are held, usually in the evening. All students in Courses II., X., and XIII. who have spent at least two years at the Institute, or its equivalent, are eligible for membership. However, any others who are interested are always welcome at all meetings.

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At a meeting of the members of Course III., held Tuesday, Nov. 23, 1897, it was voted to form a Mining Engineering Society. As a result the club was organized Nov. 30, 1897, with the objects of awakening and maintaining an active interest in the study of Mining Engineering among its members, and of aiding in their intellectual advancement and improvement. Meetings are held once every three weeks, at which papers on mining or metallurgical subjects are read either by professors or students, and afterwards discussed by the members.

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MR. ELBRIDGE C. JACOBS.

Hetive Members.

Class of '98.

ROBERT M. DRAPER.

ALVAN L. DAVIS.

EARLE C. EMERY.

GEORGE M. GODLEY.

ALBERT E. SMYSER.

ALBERT W. TUCKER.

Class of '99.

Sylvester Q. Cannon.

Lewis Emery.

Dwight Farnum.

Herbert C. Greer.

Alberto P. Gonzalez.

Arthur Little Hamilton.

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FRED L. H. KIMBALL.
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LESTER A. NEWELL.
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RALPH STEVENS.
WILLIAM L. STEVENS.
GEORGE A. TWEEDY.
FRED B. WILDER.
ALLAN H. WOODWARD.





The Biological Journal Club has existed for the past ten years, for the purpose of presenting reports on the current biological journals and matters of general interest to instructors and advanced students in this department,

Officer.

Chairman.

WILLIAM T. SEDGWICK.

Members.

ROBERT P. BIGELOW.
MABEL FOREST.
GEORGE M. HOLMAN.
A. T. HOPKINS.
THEODORE HOUGH.

HERMAN W. MARSHALL.
SAMUEL C. PRESCOTT.
PERCY G. STILES.
SUSANNAH USHER.
ARTHUR W. WEYSSE.

C.-E. A. Winslow.



The Geological Club was organized March 1, 1889, with the object of promoting among the students an interest in geological features such as everywhere abound, and to aid in their interpretation. The meetings are usually of an informal character, and the papers read are not of a technical nature, All students of Technology who are interested in the subjects discussed are welcome. These subjects cover a wide range of ground, many being of much interest to Civil and Mning Engineers as well as to Geologists. The talks are always illustrated, either by specimens, diagrams, photographs, or lantern slides. Besides papers by instructors and students of the Institute, the Club is often favored with lectures by scientists of other institutions, or of the National or State Geological Surveys. The meetings are at present held every two weeks.

Officers.

President.

PROF. WILLIAM H. NILES.

Secretary.

Myron L. Fuller.

Members.

PROF. GEORGE H. BARTON.
PROF. WILLIAM O. CROSBY.
PROF. WILLIAM H. NILES.
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ALVAN L. DAVIS.
GEORGE WEBSTER EMERY.
MYRON L. FULLER.

PHILIP GRABAU.
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CHARLES S. HURTER.
WILLIAM C. PHALEN.
WILLIAM S. RHODES.
ALBERT E. SMYSER.
SUSANNAH USHER.



By an act passed by the Legislature of Massachusetts on April 10, 1861, William Barton Rogers with twenty others were made a body corporate, under the title of the Massachusetts Institute of Technology, "for the purpose of instituting and maintaining a society of Arts, a museum of Arts, and a school of Industrial Science." The last named has come to be the prominent feature of the Institute. The Society of Arts, however, was the first branch organized, as the Civil War interfered with the organization of the others. The objects of the Society are to awaken and maintain an active interest in the practical sciences, and to aid generally in their advancement and development in connection with the arts, agriculture, manufacturing, and commerce.

Previous to 1891 the Society published "Abstracts of Proceedings," but after the above date it voted to publish its proceedings and the principal papers read before the Society in the Technology Quarterly. The regular meetings are held semi-monthly from October to May. Graduates of the Institute and others interested in the aims of the Society are eligible to membership.

Officers.

President.

James M. Crafts.

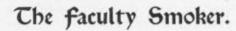
Secretary.
ROBERT P. BIGELOW.

Executive Committee.

George W. Blodgett, Chairman.

EDMUND H. HEWINS. FRANK W. HODGDON. DESMOND FITZGERALD.
THE PRESIDENT.

THE SECRETARY.



ETTY" suggested it, and of course the idea was received with the greatest enthusiasm. From the first everyone was in favor of it—but no, not everyone, for Arlo

regarded smoking as a filthy habit, and hence thought it his duty to oppose the scheme. In his own heart, though, he was as much pleased as anyone, and he at once began to collect stories and anecdotes from every possible source. Once decided on, the matter was very quickly carried out, and the committee to whom the details were left, fixed upon the 30th of February as the eventful date. Naturally it was to be at the Technology Club,—that goes without saying,—and all looked forward to a most enjoyable time.

On the evening of the 30th a casual visitor at the Club might almost have taken this assemblage to be a gathering of students, for all types of the latter were at hand. In place of the Senior, with his easy manners and ten-cent cigars, were "D-na," Harry Cl-ff-rd, "Papa" N-l-s, Captain Johnnie, and "Charlie" Cr-ss. "Charlie" seemed to be some-

thing of a novice at smoking, however, for his cigar pointed upward at an angle of sixty degrees with the horizontal, and his nose was often in danger of being scorched. "Papa" and Harry appeared to enjoy their weeds vastly, if one could judge from the contented smiles they wore; but then, they always look that way, anyhow. And "D-na,"—well, his manner of smoking indicated the "sport," a relic of his student days. It is truly wonderful what changes a ten-cent cigar will make when placed in the hands of some people, and even the Captain, usually so dignified, lost for once his careworn expression, and could not repress a glad smile. The change from the military pipe to a ten-cent

The typical Junior, with his well-kept, almost dudish appearance, was represented by T-l-r, Van D--ll, S-dg-w-ck, D-pp-ld, and M-rr-ll, each of whom smoked a neat little briar pipe with amber mouthpiece. "Getty," "Peabo," "Sondy," and W--dbr-dg- also smoked pipes, but they were decidedly sophomoric in style, as were also the mischievous twinkles in the eyes of the first two gentlemen. Even the

cigar was too great a step for even he to take without unbending.

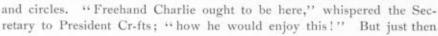
Freshman was not lacking, for Professors Sw--n, D-w-y, Webster W-lls, Tommy P-p-, L-n-s, R-pl-y, and Doc. Sk-nn-r puffed manfully away on vile cigarettes. The others all joined in, too, but they might have been "specials" in almost any class.



The programme was entirely voluntary. Until all had arrived, stories and general discussions in small groups kept things lively. Of course Professor B-rt-n told of his trip to Greenland. No gathering at the Club would be complete without that. They had all heard it before, but he is a mighty good fellow, and all applauded as vigorously as if it were quite new. Then "Peabo" gave one of his practical talks. What it was about nobody seemed able to make out; but whatever it was, "Peabo" evidently thought he knew all about it. "Papa" N-l-s next took the floor, and sprang so many clever puns and witty remarks that even "D-na" smiled, and Webster W-lls looked pleasant. W--dbr-dg- then posed as a prestidigitateur,

and exhibited his "magic number"; after which he informed the company in a burst of oratory, that would have been flowery but for innumerable hesitations, that there was too much heat, and too little ventilation. This so tickled Tommy P-p- that, after getting Arlo to help him move a number of chairs and tables out of the way, he gave his latest song and dance to the great delight of all save Harry Cl-ff-rd. That gentleman was greatly disgusted, for he had intended to give the

same song himself. In his anxiety to get a better view of this performance, Schw-mb had pressed quite close to B-rdw-ll; whereupon the latter suddenly shouted that he thought "Pete" ought to put that pipe of his under the hood. At this a slight twitch appeared on "Sondy's" face, which slowly passed through all the elementary and intermediate stages, and five minutes later had developed into a full-fledged smile. Then it died out suddenly and completely. "Getty" next attempted to speak, but was greeted with such a stamping of feet, that he was so overcome with joy he forgot what he was going to say. When the stamping had subsided L-n-s arose, and fishing a piece of chalk from his trouser's pocket proceeded to draw a large doughnut on the wall, and then to scratch all over it with lines



L-n-s caught sight of him whispering, and getting into a rage refused to continue unless he should leave the room. This cast a sort of chill over the previous good feeling which had prevailed, but a few funny stories from Arlo soon restored universal good humor. Something he

had told reminded S-dg-w-ck of his college days, and he related in his usual oratorical style several of his experiences, some real, others imaginary. Much to the surprise of all, van D--ll now proved himself quite an artist by rendering on a jew's-harp several selections from Mozart's "Magic Flute." His expression and technique were almost perfect. Indeed, the composer himself, had he been present, might have discovered new beauties in his masterpiece.

Everyone now began to urge "Charlie" to give a talk on "The Institute," and finally consenting, he created a profound sensation by declaring that he had recently discovered a great abuse in connection with the Co-eds, which ought to be corrected; namely, giving them the degree of Bachelor of Science. This, he said, was inappropriate and misleading, since women could never be bachelors, and he closed by suggesting that the degree be changed to that of S.S., or Spinster of Science.

Had a bomb suddenly appeared in their midst a more breathless silence could not have ensued. Captain B-g-l-w was the first to recover. He said something about taking advantage of the Co-eds by seizing an important strategic point, and mumbled something about the advantages of a bluff, but the others failed to appreciate his arguments. Sw--n got quite excited. He declared that Charlie did not understand the elementary principles of the subject, and wanted to know why he didn't use his common sense. P-ff-r said he saw no objections to the present system from a practical standpoint; whereupon Harry Cl-ff-rd, who really thought the suggested change "absurd," thinking it his duty to uphold the theoretical considerations, talked in such a winning way that he had gotten nearly the whole assembly to "readily see," when the Secretary suddenly arose and said, "It shall not be." That settled it, and the matter was dropped.

An air of expectancy which had prevailed during the entire evening now seemed satisfied as the Bursar, the guest of the evening, finally appeared. He seated himself and listened quietly to the music and stories during the rest of the evening, but showed not the slightest visible emotion. His pleasant smile the next day, however, together with the fact that he cheerfully cashed several small checks, showed that he was not as slow as some people think him. Dr. G-ll now played some

operatic selections on the piano; "Dippy" made a few remarks with numerous puns. D-w-y and R-pl-y sang several duets, captivating the company by the rippling quality of their melodious voices. Webster

W-lls gave a fine exhibition of warbling, accompanying himself on the banjo. M-rr-ll recited the "Charge of the Light Brigade" with telling effect; "Doc." Sk-nn-r attempted to do a double shuffle and a clog dance, but had to admit he was a little out of practice.

Then the whole company gathered around the piano and sang popular songs, perpetrating again all

Then the whole company gathered around the piano and sang popular songs, perpetrating again all the crimes of the last ten years, from "In the Gloaming" to a "Hot Time in the Old Town." Arlo had written a parody on the latter for this especial occasion, and all sang it as a fitting conclusion to so

pleasant an evening, with so much vigor and enthusiasm that even the policeman on that beat heard, in his dreams,—

"If anyone should ask you who this jolly crowd may be,
You may tell him we're a lot of 'profs.'—the cream of M. I. T.;
That we're usually quite dignified, but once or twice a year
We have to have a little fun and drink a little beer.
When you see that the fun's going to begin,
Light your pipe—don't forget to wag your chin;
And when this song is sung, in the chorus all join in,
There'll be a hot time in Beantown to-night, my stoo-dents.

Chorus.

We're the 'profs.' who run the M. I. T.;
We are the gayest boys that ever you did see.
We give a pile of flunks, but seldom give a 'C.';
There'll be a hot time in Beantown to-night."





The Tech.

Published every Thursday, during the College year, by Students of the Massachusetts Institute of Technology.

Previous to the year 1881 several attempts had been made to establish a college paper at the Institute, but although one of these resulted in the publication of a few numbers of The Spectrum, it was not a success, and was soon given up. Shortly after the beginning of the term in October of the above year the subject was again brought forward, and a meeting of the students was called to consider it. A committee was appointed to arrange the details of the matter, and about a month later The Tech appeared. The management of the paper was placed in the hands of a board of seven directors, elected from the various classes. These elected the editors, handled the funds, and were responsible for the same to their respective classes. The Tech was published bi-weekly, and was of the same general form as at present. It contained news of the various classes and courses, verse, stories, and occasional articles on engineering subjects. The paper filled a long-felt want, and grew steadily in interest and quality. In 1889, its success being assured, the board of directors was abandoned, and the entire management undertaken by the editors. Their ranks were recruited from time to time by the election of such men as showed ability and desire for the work, and this method of election is still in force. In 1892, to keep pace with the rapid growth of the Institute, the paper was published weekly. At the same time the increased amount of news which had to be given necessitated a corresponding reduction in the purely literary matter, and the paper gradually assumed its present make-up. From the first issue great care was taken in regard to artistic and typographical appearance, and numerous improvements have been gradually made; in consequence of which The Tech now stands, in these respects, among the foremost college weeklies of the country.

Technique.

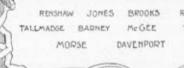
The Class of '87 was the first to realize the possibilities of an annual publication at the Institute, and in the latter part of its Sophomore year undertook the execution of this scheme, and appointed a board of editors for the purpose. Accordingly in December, 1885, there appeared a small, paper-covered volume, bearing the name "Technique, 1885," and containing one hundred and fifty-two pages of a size about one half those of the present book. It was a modest beginning, but a comparison with later volumes reveals the sound principles upon which it was founded. The start having now been made, each year brought its improvements and additions. In the following year the book was bound in a pasteboard cover, thus making it more durable.

Technique had now established itself as the annual publication of the Institute, edited by a board elected from each Junior Class, and including in its scope all matters of interest relating to the Institute in the way of Athletics, Statistics, Societies, etc. After the appearance of Technique, '87, which, as before, was named by the year of its publication, there was some discussion as to whether the book should be named in this way, or by the year of the class which published it. Accordingly the volume issued by the Class of '90 was called "Technique, '90," but the following year the Class of '91 named their book, "Technique, '89." Since this time, however, all issues have borne the numerals of the classes which have published them.

Meanwhile the book continued to increase in size and importance. Ninety-two introduced a cloth cover; '94 adopted a size page which has since become standard. The greatest improvement, however, has been in artistic work. The first volumes contained but few drawings, and fewer still illustrations for sketches. Each year increased them, but the most noticeable improvement was in "Technique, '91,' in which the drawings were so well executed that it was three years before any great advance could be made. Another step in this direction was taken in '95, and the excellence of its drawings continues to form, perhaps, the feature which has done most to make Technique the standard of all college annuals.











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Assistant Editor in Chief.

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WILLIAM RANDOLPH STRICKLAND, '98. HARRY LEONARD MORSE, '99.

GERALD MARTIN RICHMOND, '99. BERTRAM W. BATCHELDER GREENE, 1900.

CLARENCE RENSHAW, '99. ELLIS FULLER LAWRENCE, 1901.

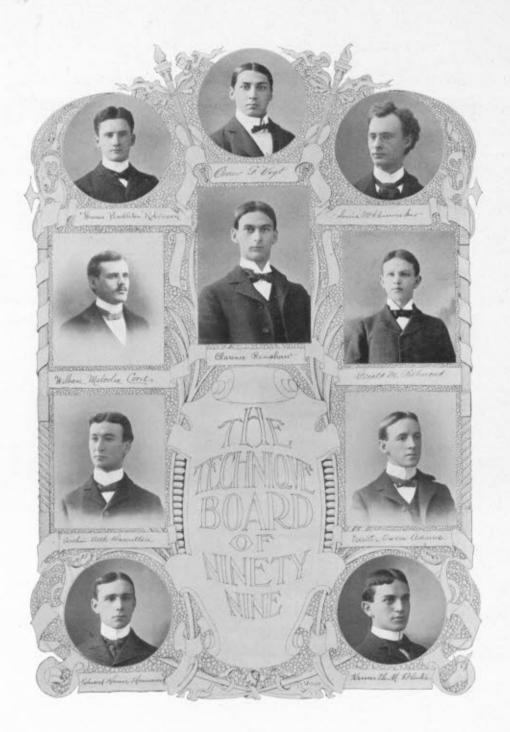
PHILIP COOMBS PEARSON, 1901.

Business Manager.

EDWARD B. COOKE, 1901.

Hssistant Business Manager.

MAURICE DAVENPORT, 1900.





Editor in Chief.

CLARENCE RENSHAW.

Hesociate Editors.

LOUIS WILLIAM SHUMAKER.

GERALD MARTIN RICHMOND.

Society Editor.

EDWARD HOSMER HAMMOND.

Statisticians.

WILLIAM MALCOLM CORSE.

THOMAS PENDLETON ROBINSON.

Hthletic Editor.

KENNETH MALLON BLAKE.

Artistic Editor.

OSCAR GEORGE VOGT.

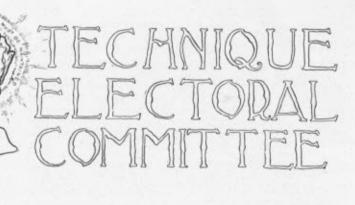
Business Manager.

ARTHUR LITTLE HAMILTON.

Hssistant Business Manager.

WALTER OWEN ADAMS.

Messrs, Norman Paul Rood and Edwin Hawley Hewitt were originally on the artistic staff, but did not return to the Institute this year. Both, however, have contributed a considerable number of drawings.



The Class of '91 wishing to have particular care taken in the election of its TECHNIQUE Board, provided that the editors should be chosen by an Electoral Committee, and all the classes since have adopted the same plan. The Committee consists of twenty-five members of the Class chosen in the following manner: A ballot containing the names of all the members of the Class is prepared, and each member on the day of the election marks on this ballot the names of twenty-five mea. Those receiving the twenty-five highest numbers of votes form the Committee. This Committee then organizes under a chairman and secretary, and proceeds to elect a board of eight, consisting of two associate editors, a business manager and his assistant, two statisticians, a society and an athletic editor. The board then selects its own editor in chief either from its members or from the Class at large. The artistic editors are chosen by a competition which is open to any member of the Class. After the first election, any vacancy which may occur is filled by the board.

Chairman.

EDWARD HOSMER HAMMOND.

Secretary.

HARRY LEONARD MORSE.

Members.

Walter Owen Adams.
Henry Kimberly Babcock.
Kenneth Mallon Blake.
Guy Prentiss Burch.
George Irving Copp.
William Malcolm Corse.
Arthur Little Hamilton,
Edward Hosmer Hammond.
Bernard Herman.
Alexander Rieman Holliday.
George Otis Jackson.
Harry George Johnson.
Lane Johnson.

HARRY MONTIFIX KEYS.
HARRY LEONARD MORSE.
CLARENCE RENSHAW.
THOMAS PENDLETON ROBINSON.
NORMAN PAUL ROOD.
EDWIN RUTHVEN SHEAK.
LOUIS WILLIAM SHUMAKER.
ROLAND WILLIAMS STEBBINS.
JACOB STONE, JR.
GERALD BASIL STREET.
OSCAR GEORGE VOGT.
CHARLES ALBERT WATROUS.
WILLIAM EATON WEST.



It has been for a long time customary for the members of the Senior Class to collect the photographs of their classmates. Previous to the Class of '94, each member of the Senior Class had his picture taken, and could then buy those of his classmates. By this means each man was able to get the photographs of the others. So many loose photographs, however, were hard to keep conveniently, and often proved a nuisance in the moving around which becomes necessary after leaving the Institute. For such reasons the Committee on Photographs, elected by the Class of '94, suggested to the Class that a portfolio should be gotten out which should contain a reproduction of the pictures in a compact book form. This suggestion proved favorable to the Class, and resulted in the issuing of the book known as "The Senior Portfolio."

The first Portfolio contained only the reproduced pictures accompanied by the name. Since then statistics, covering the offices each man may have held, the clubs of which he was a member, and

the like, have been added.

Portfolio Committee.

Class of '97.

Chairman.

AUGUSTUS CLARK LAMB.

Treasurer.

PROCTER LAMBERT DOUGHERTY.

WILLIAM HENRY CUTLER.

ETHAN HENRY HOWARD.

WALTER HUMPHREYS.



The Technology Quarterly is a scientific and engineering magazine, planned and first edited by the Classes of '87 and '88. Two volumes were gotten out by a board of editors chosen from the Senior and Junior classes. At the end of this time it was thought that a journal thus representing the professional work of the Institute was deserving of more attention, and to give it greater permanence the editorship was assumed by Mr. James P. Munroe, at that time Secretary of the Institute. The purpose of this journal was to publish the original investigations of the instructors and students. After 1891 the Society of Arts discontinued the "Abstracts of Proceedings," which they had previously been publishing, and in 1892 voted to publish the matter formerly contained therein in the Technology Quarterly, which thus became the official organ of the Institute.

Board of Publication.

Chairman.

WILLIAM T. SEDGWICK.

A. LAWRENCE ROTCH. CHARLES R. CROSS.

DWIGHT PORTER.
ROBERT P. BIGELOW.

Editor.

ROBERT P. BIGELOW.











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Walter Owen Adams. Theodore Howard Taft. ATHERTON HOWE TUCKER.

first Bass.

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Second Bass.

PAUL RAYMOND BROOKS.

HENRY NORMAN HUDSON.

HENRY PHILIP JAMES.

WILLARD BUNDY NELSON.

LOUIS WILLIAM SHUMAKER.







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WORTHINGTON PALMER.
ANDREW ELIOT RITCHIE.

Guitars.

John Stanard Bronson.

CHARLES EVERETT MARTIN.

WALTER SCOTT.

flute.

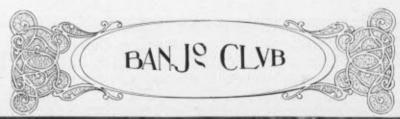
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Violin.

JAMES WHITTLESEY HUSSEY.

'Cello.

EDGAR BARNARD CAHN.







LAWRENCE BOYD FLANDERS HVME
FOSTER PEASE
HAZELTINE WHITE ADDICKS BLAKE PERRY



VPOT



Leader.

LAWRENCE ADDICKS.

Banjeaurines.

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ELLIS FULLER LAWRENCE. FRANK BRIGHAM PERRY.

CHARLES HENRY PEASE.

HARRY KEITH WHITE.

Banjos.

MORTIMER BRISTOL FOSTER. LESTER FREEMAN MILLER.

Guitars.

LAWRENCE ADDICKS.

BENJAMIN PRESCOTT HAZELTINE, JR.

HARRY HOWARD HAMLEN.



On account of the success of a minstrel show given in the spring of 1883 by a number of undergraduates of the Institute, The Tech suggested that a Glee Club be formed. This suggestion was carefully considered, and in the fall of the same year such a club was organized. During the following winter two or three very acceptable concerts were given. Soon after this a small orchestra was also organized, and the two clubs practically combined. The succeeding years brought various changes in the success of these organizations, until finally they vanished, from lack of support. About 1890 the Glee Club was revived, and instead of the orchestra a Banjo Club sprung into existence. Not long after this a Mandolin Club was organized, and since then the three clubs have met with considerable success. Several attempts have been made to reorganize the orchestra, but without avail.

During the last few years the clubs have given many concerts in and around Boston, and have on several occasions gone on short trips. During the year three home concerts are ordinarily given,—one in December, one in Junior Week, and a third, complimentary to the Graduating Class, in Commencement Week

Executive Officers.

President.

ATHERTON HOWE TUCKER.

Vice President.

BENJAMIN PRESCOTT HAZELTINE, JR.

Treasurer and Assistant Manager.

WALTER OWEN ADAMS.

Secretary.

FRANK BRIGHAM PERRY.

Manager.

CHARLES BARNARD PAGE.



Schedule of Concerts for 1897-98.

Nov. 22, 1897, Stoneham.

Dec. 6, 1897, Wellesley.

Dec. 8, 1897, Home Concert.

Dec. 13, 1897, People's Temple, Boston.

Dec. 31, 1897, Technology Club.

Jan. 7, 1898, Woburn.

Jan. 12, 1898, Falkner.

Feb. 23, 1898, Reading.

Feb. 24, 1898, East Weymouth.

Mar. 10, 1898, Milford.

Mar. 17, 1898, Newburyport.

Mar. 26, 1898, Technology Club.

Apr. 9, 1898, Winthrop.

Apr. 19, 1898, Woodfords, Me.

Feb. 12, 1898, Colonial Club, Cambridge.

Apr. 21, 1898, Home Concert.



Quotations.



ithe gentle speeche and saintlie smyle, Whyche he hathe learned bye rote, Ye tailor ladde dothe fitte, ye while, Dis victymme to a coate. But we ye worke more blythlie passe, Hs with ye turne of witte, We aime fulle welle ye optic glasse, Hnd quote bym to a fitte.



"Tho bath created this indigest?"

"Abandon all hope, ye who enter here."-Secretary's Office.

"As a wit, if not the first, in the very first line."-Professor N-l-s.

"For my voice, I have lost it with hallooing and singing of anthems." - Glee Club.

"Within that awful volume lies
The mystery of mysteries."—Applied.



"Then he will talk-good gods, how he will talk!"-G. W. Tr--t, '98.

"A poor thing, my masters; not the real thing at all. A base imitation, but still a good enough mock-orange if you cannot have the real thing."—The Gymnasium.

" As good as a play." - Walker Club Theatricals.

"If I can in any way prove my folly to you I will do it."-F. R. Sw-ft, '99.

"True, I talk of dreams,
Which are the children of an idle brain,
Begot of nothing but vain fantasy."—Prof. D-w-y.

"These are the times that try men's souls."-Semi-annuals.



"My eyes make pictures when they are shut."-Freehand Charlie.

"And so obliging that he ne'er obliged."-The Bursar.

"What shall I do to be forever known,
And make the age to come mine own?"—V. R. L-ns-ngh, '98.

"He mouths a sentence as curs mouth a bone."-Professor L-ws.

"Some natural tears they dropped, but wiped them soon;

The world was all before them where to choose their place of rest."

—Graduates.

"I am pining for some one to love me."-H. G. J-hns-n, '99.

"I think it rather consists of eating and drinking."-Architectural Society.

"Seldom he smiles, and smiles in such a sort
As if he mock'd himself and scorned his spirit,
That could be moved to smile at anything."—Professor B-rtl-tt.

"Must often wipe a bloody nose."-Football player.

"Over the (Clarendon) hills and far away."-Civil Engineering field work.

"He must be roasted."-Freshman.

"Why
Should every creature drink but I?
Why, man of morals, tell me why?"—T. H. M-n-ry, 1900.



- "O wad some power the giftie gie us, To see oursels as others see us. It wad frae monie a blunder free us, And foolish notion."—Class of '98.
 - "Up to the times, clever fellows."-Class of '99.
 - "There's small choice in rotten apples."-Class of 1900.
 - "The fault, dear Brutus, is not in our stars,
 But in ourselves that we are underlings."—Class of 1901.
 - "A remnant of uneasy light."-In the drawing rooms.
 - "They have been at the great feast of languages and stolen the scraps."

-L'Avenir and Der Deutsche Verein.





- "My own thoughts often amuse me."-H. D. -sg-.d, '98.
- "'Tis hot; it smokes."-E. H-rb-rt, '99.

[We have recently been informed that "it" has stopped smoking, and is cooling rapidly. Doubtless it might soon be appropriately quoted as "not so warm."—Ed.]

- "He makes his prices high as sin, To take away the students' tin."—Ridler.
- "Companions that do converse and waste the time together."

 —J-m-s and -dd-cks, '99.
 - "The man who blushes is not quite a brute."-Mr. C-rt-r.
 - "Others sat apart on a hill, retired
 In thoughts more elevate, and reasoned high
 Of Providence, foreknowledge, will and fate;
 Fixed fate, free will, foreknowledge absolute,
 And found no end, in wandering mazes lost."

-The Institute Committee.

- "Devise wit, write, pen, for I am for whole volumes in folio."—Editor of Technique.
- "Like-but oh! how different."-" Descrip." Problems.
- "Vile squeaking of the wry-necked fife."—Freshman Drum Corps.



- " Intolerable; not to be endured."- Summer Reading.
- " I am but a gatherer and disposer of other men's stuff."-Professor W-lls.
- "They reel to and fro, and stagger like a drunken man."-The Yacht Club.

"A merrier man,
Within the limits of becoming mirth,
I never spent an hour's talk withal."—Mr. B-rr-s-n.

- "O wearisome condition of humanity!"-Freshman Year.
 - "A man so various that he seemed to be Not one, but all mankinds epitome."—Secretary T-l-r.
 - "Surer to prosper than prosperity Could have assured us."—The Co-op.
- "O that he were here to write me down an ass."-Professor Sw--n.



- "Come, let me clutch thee.

 I have thee not, and yet I see thee still."—"S.B."
- "Beauty he chased everywhere."-H. K. B-bc-ck, '99.
- "Time elaborately thrown away "-Ther modynamics.
- "The quarrel is a very pretty quarrel as it stands;
 We should only spoil it by trying to explain it."

 —Messrs. Th-rp and Sm-th.
- "Some deemed him wondrous wise, and some believed him mad."

 —P. W. W-tk-r-U, 'oo.
- "Bless you, good Knight."-Albert M. ----.
- "With centric and eccentric scribbled o'er, Cycle and epicycle, orb in orb."—Gear Teeth Plates.
- "An art worthy the knowledge and practice of a wise man."-Bluffing.
- "In the multitude of councillors there is safety."-Freshman Advisers.

"Thou hast left behind Powers that will work for thee."—General Walker.

- "I feel that I am happier than I know."-After Exams. before the report.
 - "A little bud of loveliness
 That never should grow older."—F. W. Sn-w, 'oo.
 - "I cut it for pleasure."-Military Science Lecture.
 - "What rage for fame attends both great and small;
 Better be damned than mentioned not at all."—In Technique.
 - "The palpable obscure."-Polarized Light.
 - "No profit grows where is no pleasure 'tained;
 In brief, sir, study what you most affect."—Choosing a Course.
 - "Whence and what art thou, execrable shape?"-Mr. C. B-rn-rd.
 - "You'd scarce expect one of my age
 To speak in public on the stage;
 And if I chance to fall below
 Demosthenes or Cicero,
 Don't view me with a critic's eye,
 But pass my imperfections by."—Class-Day Speaker.
 - "Comparisons are odorous."- In the Biological Lab.



"Beautiful as sweet! And young as beautiful! and soft as young! And gay as soft! and innocent as gay!"

-L. D. G-rdn-r, '98.

"Tho' lost to sight, to memory dear."-Prof. C-rr--r.

"'I have fought a good fight, I have finished my course." - Senior (?)

"A hungry, lean-faced villain; a mere anatomy." -C. A. T-rr-v, Jr., '98.

"He draweth out the thread of his verbosity finer than the staple of his argument."

-Mr. R-lf-.

"It is not done well, but you are surprised to find it done at all."-Heat Problem.

" Although the cheer be poor, 'Twill fill your stomachs,"-Lunch Room.

"Something between a hindrance and a help."-Assistants in the Laboratories

"Of no practical value, but great in theatrical performances."-Professor B-t-s.

"Three merry boys, and three merry boys, And three merry boys are we." -G-ldthw--t-, M-rs-, and P-ck-rd, '00.

"Here is my throne; bid kings come bow down to it."-Lounger's Office.

" Records that defy the tooth of time."-Theses.

"A free (?) school For the education of young gentlemen To study how to drink and take tobacco."-Chapel.

"I have met many of these rattles that made a noise and buzzed."-Professor G--dw-n.

"" Drink no longer water, but use a little wine for thy stomach's sake." -At Class Dinner.

"I am escaped with the skin of my teeth."-With an L.

"He will laugh thee to scorn."-Mr. M- -d.

"It is a melancholy of mine own, compounded of many simples, which, by often rumination, wraps me in a most humorous sadness."

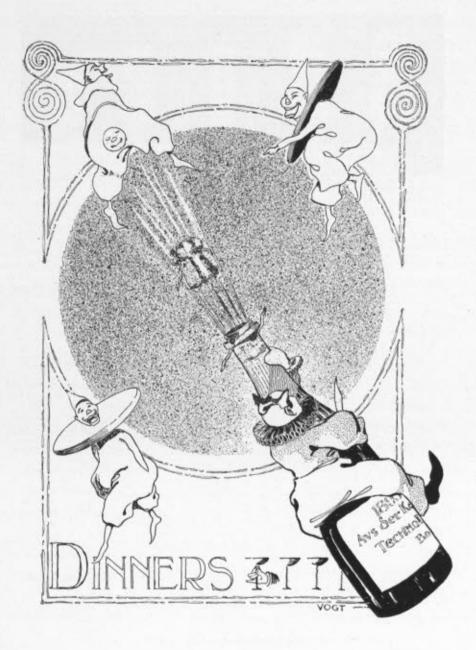
-W. C. Ph-l-n, '99.

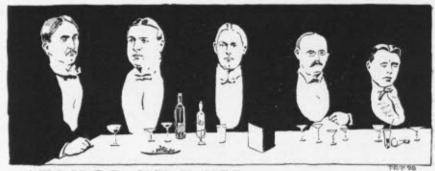
"Methought I heard a voice cry, 'Sleep no more." -At the close of Physics Lecture.

"A thing devised by the enemy."-Phys. Lab.

"Behold the child, by nature's kindly law, Pleased with a rattle and tickled with a straw."

-"Acid" Sm-th. '98.





SENIOR DINNER -

Class of '98.

Toastmaster.

JOHN STEARNS BLEECKER.

In Our Senior Year				100	57		Сна	RLES-EDWARD AMORY WINSLOW.
Football								George Frederick Ulmer.
								Messrs. Blake, Pease, Perry.
Our New President		7			21	10		Howell Fisher.
The Duty of an Alu	mnu	S	9				*	Ernest Frank Russ.
Tenor Solo .								. Atherton Howe Tucker.
								DURAND MAYER.
Tech. as She Should	l be							. LESTER DURAND GARDNER.
Banjo Selections								THE TRIO.
Poems								. THOMAS EDDY TALLMADGE.
Technology .					100			GEORGE REED WADSWORTH.



EXCHANGE CLUB, DECEMBER 18, 1897.



Class of '99.

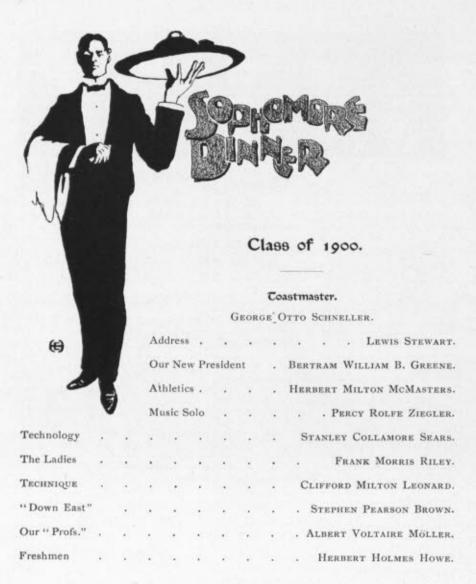
Coastmaster.

EDWARD HOSMER HAMMOND.

Address										. Kenneth Mallon Blake.
The Engi										
Junior W		-								ARTHUR LITTLE HAMILTON.
	Messi		DDIC	, ks, E		ock,	Casi	е, На	MA	ANDOLINS, GUITARS, AND FLUTE. TINE, HAMLEN, PALMER.
Athletics										GUY PRENTISS BURCH.
Vignettes										REDERICK WILLIAM CALDWELL.
Our Facu										ROLAND WILLIAMS STEBBINS.
Music, So	olo									LEWIS EMERY.
Our Dutie			rs							THOMAS PENDLETON ROBINSON.
The Scien	ntific (Cours	e							. WILLIAM MALCOLM CORSE.
Music										. Banjeaurine and Guitar.
				M	ESSR	s. Aı	DDICE	S AN	D W	HITE.
TECHNIQ	UE									Clarence Renshaw.
Holidays										James Alfred Patch.
A Negro'	s Idea	of E	lectri	city						. OSCAR GEORGE VOGT.
Music, Sc	olo						4			. Walter Owen Adams.
The Artis	stic Co	ourse						4		HARRY KEITH WHITE.
Hints for	Hous	ehold	Ha	ppine	88					. Louis William Shumaker.
Music			Mi	respe						Quartette.



YOUNG'S HOTEL, MARCH II, 1898.





HOTEL THORNDIKE, MARCH 26, 1898.



Class of 1901.

Coastmaster.

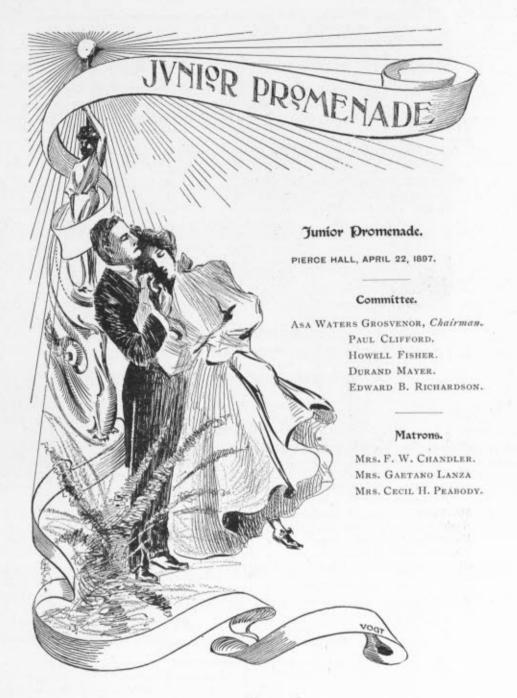
JAMES BRADFORD LAWS.

Address .									. REUBEN BACON CLARK.
The Tech .				N.					. EDWARD BAILY COOKE.
The Football	l'eam				23		12		. Joseph Dean Evans.
Music, Duet,	Сн	ARLI	s P	RKM	AN I	Rock	WOOD	and	MATTHEW CHAUNCEY BRUSH.
The Baseball 7	Ceam								. LEONARD S. FLORSHEIM.
Musical Clubs	(8)								. John Stanard Bronson.
									HARLES PARKMAN ROCKWOOD.
A Talk .					1				JOHN TIMOTHY SCULLY, JR.
Music, Banjos	and I	Man	dolin	, J. S	s. Bi	RONSO	on, A	. E.	RITCHIE, and F. R. C. BOYD.
Our Co-eds					1100				. ALLAN WINTER ROWE.



YOUNG'S HOTEL, MARCH 31, 1898.

Chursday, April 22, 1897. TECHNIQUE '98 issued, 12 M. Reception to those attending Prom., Technology Club. Junior Promenade, Pierce Hall, 9 P. M. friday, April 23. The Tech Tea, Tech Office, 4 P. M. Technology Theatricals, Bijou Thea-tre, S P. M. Saturday, April 24. Musical Clubs' Concert, Association-Holl, S P. M.





"Dandy Dick."

A COMEDY IN THREE ACTS, BY A. W. PINERO.

ACT I. Drawing-room at the Deanery.

ACT II. Drawing-room at the Deanery.

ACT III. Scene 1: Strong-box of St. Marvel's. Scene 2: Drawing-room at the Deanery.

Cast of Characters.

The Very Rev. Augustin Jedd, D.D., Dean of St. Marvel's EVERETT NICHOLS CURTIS, 'QS. Sir Tristam Marden, Bart. HARRY LEONARD MORSE, '99. Major Tarver, -th Hussars, quartered at Durnstone, near St. Marvel's ROBERT ALLYN, '98. Mr. Darby, Lieutenant in the Hussars . WILLIAM KENDALL FAIRBANKS, '97. Noah Topping, Constable at St. Marvel's CHARLES EDWARD LORD, '98. Hatcham, Sir Tristam's groom . . SAMUEL HALLETT CRITTENDEN, 1900. Blore, Butler at the Deanery . CHESTER FRANCIS DRAKE, '97. Georgiana Tidman, a widow, the Dean's sister OSWALD CONSTANTIN HERING, '97. Salome } The Dean's Daughters DURAND MAYER, '98 GODFREY LEWIS SMITH, '98. Hannah Topping, wife of the Constable, formerly servant at the Deanery AUGUSTUS CLARK LAMB, '97.

Management for the Walker Club.

CHARLES WALTER BRADLEE, '97, Manager in Chief.
ERNEST FRANK RUSS, '98, Financial Manager.
DAVID LAFOREST WING, '98, Business Manager.





HUNTINGTON HALL, MONDAY, JUNE 7, 1897.

Class Day Officers.

First Marshal.
HOWARD AGNEW NOBLE.

Second Marshal.

HENRY WALTER ALLEN.

PROCTER LAMBERT DOUGHERTY.

Orator .

President of '97, WILFRED BANCROFT.

Historian . HENRY WELCOME BALLOU.

Statistician . JOHN ARTHUR COLLINS, JR.

Poet . . SHELDON LEAVITT HOWARD.

Prophet . . ALLEN WINCHESTER JACKSON.

. HARRY DRAPER HUNT.

Class Day Committee.

THOMAS CLARK ATWOOD.

CHARLES WALTER BRADLEE.

WILLIAM HENRY CUTLER.

OWEN HERRICK GRAY.

EDGAR MARVIN HAWKINS.

ETHAN HENRY HOWARD.

AUGUSTUS CLARK LAMB.

FREDERIC NELSON LE BARON.

GEORGE HERBERT MCCARTHY.

WILLIAM OTIS SAWTELLE.

CARL SCHUTTLER.

THOMAS ROTE WEYMOUTH.



Programme.

Hddress	by	the	Presi	dent	of the	Cla	158		WILFRED BANCROFT.
Hddress	by	the	First	Mar	shal				HOWARD AGNEW NOBLE.
Distory								4	HENRY WELCOME BALLOU.
Statistic	9						MU	SIC.	JOHN ARTHUR COLLINS.
Poem									SHELDON LEAVITT HOWARD.
Prophecy	,							sic.	ALLEN WINCHESTER JACKSON.
Oration							MU	SIC.	HARRY DRAPER HUNT.

REFRESHMENTS AND DANCING IN THE ARCHITECTURAL BUILDING AT THE CLOSE OF THE EXERCISES.



Reading of Hostracts of Theses.

. PRESIDENT JAMES M. CRAFTS.

Address

A Design of an Apparatus to Determine the Heat of Combustion of Coal Henry Walter Allen.
A New Design for the Freight Yard at Salem, Mass
Tests on a Twelve-foot Limestone Arch WILLIAM WISE EATON and EDGAR MARVIN HAWKINS.
A Method for the Measurement of Vapor Press- ure of Solutions
Experiments on the Action of Wind Pressure on Sails
The Relation between Bacteria and Acidity in the Boston Milk Supply Herman Weston Marshall.
An Examination of the Sewage Discharge from Moon Head, and its Effects on the Waters of Boston Harbor EDWIN PUTNAM OSGOOD.
A Comparison of the Single and Double Cham- ber Systems of Municipal Councils in the United States WILLIAM THORNTON PARKER, JR.
Blast Furnace Slag Cement
A Grand Hotel for a Winter Resort in the South
An Efficiency Test of the 600 K. W. Induction Regulator at the Carborundum Works, Niagara Falls, N. Y THOMAS ROTE WEYMOUTH and ETHAN HENRY HOWARD.
An Investigation of the Reciprocal Solubility Effects of Di-ionic and Tri-ionic Salts . EDWARD HAROLD WOODWORTH.

Sayings of Great Men.

Said the faculty, "Surely 'twas fate, Urged on by some demon of hate, Who gave us the blame and put us to shame for the Class that is called 'Ninety-eight.'"



Said the faculty, "We can divine That this Class forever will shine, And win a good name in the annals of fame, for no other can touch Ninety-nine."



The faculty carefully sought for a means to improve Naughty-naught; But results were so bare, they exclaimed in despair, "They're naughty, alas! and they're naught."



Said the faculty, "here seems begun

H class with a good course to run.

If you watch Ninety-nine, some day you may shine With a light of your own, Naughty-one."

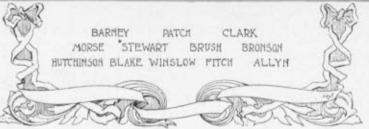


Then the faculty thought them all o'er, Hnd said, both of good and of poor, "Whatever you are, you are better by far Than when you first entered our door."











The Institute Committee consists of the four Class Presidents and two other members chosen annually by each class. It has also as honorary members the President and Secretary of the Institute, and one other member of the Faculty. The presidents of the Senior and Junior Classes are president and vice president respectively of the Committee. The object of this organization is to look after all matters by which the students of the Institute may further its interests and their own, and to form a responsible body through which communications can be directly made between students and faculty. Its origin was due to a plan formulated by Mr. A. F. Bemis, '93, and submitted by his class to the other undergraduate classes at that time, The Committee first met Feb. 11, 1893, and meetings are now held bi-weekly throughout the college year. From the first the scheme was heartily indorsed by the Faculty, and the Committee has always held their respect and esteem.

Its work has been mainly directed toward increasing the correspondence between the Institute and the press of the larger cities. At the time of the World's Fair it undertook the preparation of an exhibit which should properly represent Technology student life. The official pin and colors of the Institute were also brought about by its labors, and it has since secured for the student body many matters of daily convenience.

Officers.

President.

CHARLES-EDWARD AMORY WINSLOW, '98.

Vice President.
Kenneth Mallon Blake, '99.

Secretary and Treasurer.
STANLEY GAY HYDE FITCH, 1900.

Members.

Class of '98.

ROBERT ALLYN.

GEORGE ANTHONY HUTCHINSON.

CHARLES-EDWARD AMORY WINSLOW, President.

Class of '99.

KENNETH MALLON BLAKE, President.

HARRY LEONARD MORSE.

JAMES ALFRED PATCH.

Class of 1900.

MORGAN BARNEY.

STANLEY GAY HYDE FITCH.

LEWIS STEWART, President.

Class of 1901.

JOHN STANARD BRONSON.

MATTHEW CHAUNCEY BRUSH.

REUBEN BACON CLARK, President.



In conformity with the requirements of the Acts of Congress of July 2, 1862, and August 30, 1890, and the Acts of the General Court of Massachusetts in furtherance thereof, the Institute provides instruction in Military Science and Tactics. All male students (unless aliens, or above the age of 23) taking a majority of their studies in the first year are required to attend exercises in Military Drill for two hours per week. An examination is held at the beginning of each school year for the selection of officers and noncommissioned officers. Up to 1872 the instructor in this department was a civilian, but for the next few years an officer of the United States Army was detailed for the purpose. After this the position was again held by civilians, members of the State militia, and army officers until 1890; since which time officers of the regular army have had entire charge. For the few years previous to 1895 it was customary for the battalion to hold an exhibition drill in the spring, toward the close of the term. Since that date, however, Intercollegiate drills have been held instead. The largest and most successful of these was that held in Mechanic's Hall, in May, 1896, under the auspices of the Class of '90, when Technology won the battalion drill against Brown University, and took also first and third prizes in the individual drill against Brown, Harvard, and the Massachusetts Agricultural College.

Commandant.

Captain John Bigelow, Jr., Tenth Cavalry U. S. Army.

Major.

Hdjutant.

EVERETT HALL PENDLETON.

First Lieutenant George Morton Spear.

Quartermaster.

First Lieutenant Albert Heber Bailey Arnold.

Sergeant Major, OLIVER HAZARD PERRY, JR.

Quartermaster Sergeant, George Inving Cross.

Chief Musician, NORMAN ARMIN DUBOIS.

Company H.

Captain.

JAMES FRANCIS MONAHAN.

First Lieutenant.
RALPH HAMILTON STEARNS.

Second Lieutenant.
FRANK KOLLOCK MITCHELL.

Company B.

Captain.

EDWARD SEAVER, IR.

First Lieutenant.
CHARLES ARTHUR RECORD.

Second Lieutenant.
FREDERICK WILLIAM FREEMAN.

PREDERICK WILL

Company C. Captain.

LEON RHODES THURLOW.

First Lieutenant.

Second Lieutenant.

ALBERT HEBER BAILEY ARNOLD.

FREDERICK WARD COBURN.

Company D.

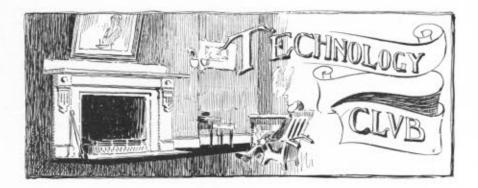
Captain.

ALBERT WILLIS HIGGINS.

First Lieutenant.
ISAAC DAVID BARDIN.

Second Lieutenant. Frank Patten Wilcox.

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For some years there had been a growing feeling among the Alumni and Faculty of the Institute that some effort should be made toward providing some means for more social intercourse at Technology. This culminated, April 23, 1896, in a notice sent out by Secretary Tyler, in behalf of the representatives of the Corporation, Faculty, and Alumni, calling for a meeting, to be held May 1, 1896, to consider the formation of an organization to be known as the Technology Club. The meeting was held, and considerable enthusiasm was aroused over the idea expressed. On May 7 by-laws were adopted, and steps were taken toward perfecting the plan. Membership was opened to all past or present members of the Corporation, Faculty, instructing staff, and students, subject to the approval of the membership committee; the number of undergraduate members, however, being limited to sixty. At present this number is filled, and the total membership is nearly six hundred.

The object of the Club is to promote the welfare of the Institute and the social interests of its past and present officers and students. So far it has more than fulfilled the expectations of its founders. The Clubhouse is at 71 Newbury Street. It is very comfortably furnished, and contains pool and billiard rooms, reading room, dining room, a few bedrooms, and so on. Some social event, such as a Smoke Talk, reception, or the like, is always arranged for one evening of each week.

Officers.

President.

JAMES P. MUNROE, '82.

Vice President.

FRANCIS H. WILLIAMS, '73.

Secretary.

Treasurer.

DANA P. BARTLETT, '86.

EDWIN C. MILLER, '79.

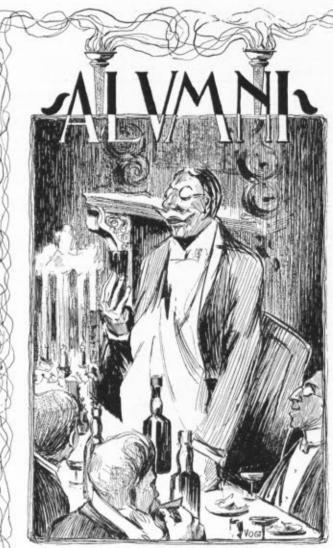
Chairman of House Committee.

Chairman of Membership Committee.

PROF. WILLIAM T. SEDGWICK.

ARTHUR T. BRADLEE, '88.

The Executive Committee includes the above and the Secretary of the Institute, ex officio.



ASSSCIATIONS

Hlumní Hssociations.

Technology Hlumní Hasociation.

The Alumni Association of the Institute holds its annual meeting in Boston in December or January; and at the close of each school year gives a reception to the Graduating Class, the Corporation, and the Faculty of the Institute. It includes in its membership all graduates of the Institute. Associate or honorary membership is open to non-graduates and to members of the Faculty or Corporation.

President.

JOHN R. FREEMAN, '76.

Vice President.

Secretary.

EDWIN C. MILLER, '79.

AUGUSTUS H. GILL, '84.

Massachusetts Institute of Technology, Boston.

Executive Committee.

THE PRESIDENT, VICE PRESIDENT, AND SECRETARY.

CHARLES T. MAIN, '76.

FREDERIC H. FAY, '93.

The Northwestern Hasociation.

President.

Louis A. Ferguson, '88.

Vice President.

Secretary and Treasurer.

I. W. LITCHFIELD, '85.

EDWARD M. HAGAR, '93.

554 The Rookery, Chicago, Ill.

Executive Committee.

THE PRESIDENT, VICE PRESIDENT, SECRETARY AND TREASURER.

ALFRED L. FITCH, '84.

SOLOMON STURGES, '87.

FREDERICK W. PERKINS, '86.

THOMAS H. CREDEN, '91.

Monthly dinners at "The Bismarck," 180 Randolph St., Chicago, on 16th of each month, at 6,30 P. M.

The Western Hasociation.

President.

EDWARD W. ROLLINS, '71.

Vice President.

Secretary and Treasurer.

BRADFORD H. LOCKE, '72.

Frank E. Shepard, '87.

924 Washington Avenue, Denver, Col.

The M. I. T. Society of New York.

Executive Committee.

WILLIAM B. DOUSE, '74. GEORGE L. HEINS, '82.

FRANK A. PICKERNELL, '85. EDWARD D. BROWN, '90.

Secretary and Treasurer.

ALEX. RICE MCKIM, 106 East Twenty-third Street, New York, N. Y.

Annual meeting first Saturday after February 1st.

The Connecticut Valley Hosociation.

Executive Committee.

Chairman.

GUY KIRKHAM, '87, Springfield, Mass.

HENRY SOUTHER, '87. N. P. A. CARTER, '87. JAMES S. NEWTON, '88.

HENRY A. FRANCIS, '83.

The Tech Society of Philadelphia.

Secretary and Treasurer. SAMUEL S. SADTLER, '95.

Executive Committee.

Amos J. Boyden, '75. AUGUSTUS B. STOUGHTON, '86.

SAMUEL S. SADTLER, '95. BENJAMIN ADAMS, '95.

Annual dinner second Saturday in November; semi-annual dinner in April.



Members of the Association of Class Secretaries of the Massachusetts Institute of Technology.

Officers.

Secretary.

WALTER B. SNOW, Watertown, Mass.

Assistant Secretary.

FREDERIC H. FAY, 60 City Hall, Boston, Mass.

Class of '68, Prof. Robert H. Richards, Secretary,
Massachusetts Institute of Technology, Boston, Mass.

Class of '69, Mr. Howard J. A. Carson, Representative, 20 Beacon Street, Boston, Mass.

Class of '70, Prof. Charles R. Cross,
Massachusetts Institute of Technology, Boston, Mass.

Class of '71, Mr. EDWARD W. ROLLINS,
53 State Street, Boston, Mass.

Class of '72, Prof. C. Frank Allen,
Massachusetts Institute of Technology, Boston, Mass.

Class of '73, Mr. Henry E. Lodge,
4 Post Office Square, Boston, Mass.

Class of '74, Mr. Charles F. Read, 165 A Street, South Boston, Mass.

Class of '75, Mr. E. A. W. Hammatt, 30 Norway Park, Hyde Park, Mass.

Class of '76, Mr. John R. Freeman, Providence, R. I. Class of '77, Mr. RICHARD A. HALE, Lawrence, Mass.

Class of '78, Mr. Linwood O. Towne, Haverhill, Mass.

Class of '79, Mr. Harry H. Campbell, Steelton, Pa.

Class of '80, Prof. George H. Barton, Representative,

Massachusetts Institute of Technology, Boston, Mass.

Class of '81, Mr. Frank E. Came, 17 Place d'Armes Hill, Montreal, P. Q.

Class of '82, Mr. Walter B. Snow, Watertown, Mass.

Class of '83, Mr. Harvey S. Chase, 8 Congress Street, Boston, Mass.

Class of '84, Dr. Augustus H. Gill.,
Massachusetts Institute of Technology, Boston, Mass.

Class of '85, Mr. Arthur D. Little, 7 Exchange Place, Boston, Mass.

Class of '86, Prof. Arthur G. Robbins,
Massachusetts Institute of Technology, Boston, Mass.

Class of '87, Mr. Edward G. Thomas, 89 State Street, Boston, Mass.

Class of '88, Mr. WILLIAM G. SNOW, Watertown, Mass.

Class of '89, Mr. James W. Cartwright, Jr., Superintendent Lighting Department, Bangor, Me.

Class of '90, Mr. George L. Gilmore, Lexington, Mass.

Class of '91, Mr. Henry A. Fiske, 93 Water Street, Boston, Mass.

Class of '92, Prof. Severance Burrage, Purdue University, Lafayette, Ind.

Class of '93, Mr. Frederic H. Fay, 60 City Hall, Boston, Mass.

Class of '94, Mr. Walter E. Piper, Fells, Mass.

Class of '95, Mr. Robert K. Sheppard, 94 Grove Street, Worcester, Mass.

Class of '96, Mr. Frank E. Guptill, 42 Farnsworth Street, South Boston, Mass.

Class of '97, Mr. John A. Collins, Jr., 73 Cottage Street, Fall River, Mass.



HORTLY after the death of President Walker it was decided by Faculty, Alumni, and Corporation to hold a memorial meeting in his honor, and committees were at once appointed from each to confer and perfect arrangements. Eminent speakers were easily secured, but it was difficult to find accommodations for all who would wish to attend. Music Hall was finally selected, however, and the evening of Oct. 14, 1897, set aside for the exercises. The entire floor was occupied by the student body and instructing staff of the Institute, the stage by delegates representing the most noted scientific, literary, and educational bodies of the country, and the galleries by other invited guests. Governor Wolcott presided, and the Memorial Address was delivered by Senator Hoar, in whose office President Walker began the study of law after leaving college.

As a more lasting memorial, the student body on the first anniversary of his death, Jan. 5, 1898, presented to the Corporation the bust of President Walker, now in Rogers' corridor. The history of this movement shows the love of the students for their President. But an hour after the news of his death had reached the Institute, the largest mass meeting in the history of Technology was held in Huntington Hall, and a committee appointed to draw up resolutions expressing the

sorrow of the students. At a subsequent meeting two days later another committee was empowered to receive subscriptions for a permanent memorial. This committee selected Mr. Daniel C. French, a personal friend of President Walker, to make a bust of him. The twelve hundred dollars necessary to pay for this was collected entirely from those who were students at the Institute at the time of his death.



Ye foolish poette in olden daye,
Didde goodlie laboure lose,
In puttinge downe ye lengthie laye:
Quothe he, "'Tis to a muse."
But in ye presente hastie tyme
We gette you alle ye newes,
And sette it into symple rhyme,
forsoothe, 'tis to amuse.



Song of the Junior.

Rondeau.

heart is glad, and I could bless
All living things, yet I confess
I'm quite o'erpowered with my delight,
And when I muse o'er yesternight,
I marvel at my own address.

Indeed, my joy is in excess—
My soul thrilled at her loveliness
That glowed with radiance warm and bright;
My heart is glad.

My lips would scarce the words express;
But when she softly answered, "Yes,"
Oh what a flood of heavenly light
Fell calmly o'er my troubled sight!
And now I doubt not you may guess
My heart is glad.

Our Summer Reading.



T was a pleasant afternoon, The Profs' hard work was done, And they, in solemn conclave, sat Refusing, one by one, With calm sang-froid and look serene, Petitions from the Freshmen green.

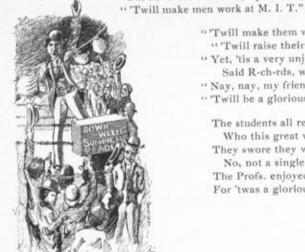
At last a member rose to tell The plan which hence would rule To make the students read good books, When they're away from school. "To make them broader men," said he, "Is our established policy."

" Now tell us what all this is for!" Our friend, bold L-n-s, cries; While many other profs. look up With wonder-waiting eyes.

"We never read such books," said he, "When I was here for my degree."

Said Arlo, "'Twill improve their minds, Though I'm in gravest doubt Whether these idiot students here Will ever find it out. But never mind results," quoth he;





- "Twill make them wiser men," said one; "Twill raise their value high."
- "Yet, 'tis a very unjust thing," Said R-ch-rds, with a sigh.
- " Nay, nay, my friends," said Harry T.;
- "Twill be a glorious victory."

The students all reviled the men Who this great wrong had done: They swore they would not read the books, No, not a single one. The Profs. enjoyed their rage to see, For 'twas a glorious victory.

The Moes of the Course V. Man.



HE most desolate place on the earth's speckled face
Is the lab. of the chemical grind.
A place that is worse to tempt one to curse
Would be difficult, surely, to find.

M--re and W-lk-r conspire like two demons of fire To make a man's downfall complete; They'll compel him to work like an African Turk, Then mark on his notebook, "Repeat."

Oh rash man is he who chooses Course V.,
Unless he's as wealthy as Cræsus!
For, for each thing you smash the Bursar wants cash,
And he chuckles as each one he fleeces.

At the close of the year, when fond visions appear With pictures of freedom all bordered, What a gloom and a chill is brought by the bill, "Ninety dollars for articles ordered!"

What though the cry "Hood!" keeps the atmosphere good, What though smiles each chemical maiden, This advice we all give, "Keep away, if you'd live In an air not with 'cuss words' o'erladen."

H Timely Tale.



ATHER Time, at midnight, wandered In the Rogers corridor. On the boards which held announcements Many curious things he saw.

Tech board had its hot-dog picture,
Which impressed the old man so
That he shook his hour glass wildly.
"Lord," he cried, "but I am slow!"

Then he saw the TECHNIQUE poster:
"Wanted, Grinds," the legend read.
"What else, in the name of Heaven,
Can there be at Tech.!" he said.

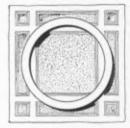
Now a schedule caught his eye, the
Semi-Annual Exams.

'Twas too much—away he hastened,
With a muttered string of —

Thanks that he didn't have to take any of them.

Then the Cage cried, "Tempus Fugit," And the clock struck at the joke; Cries of pane came from the windows: Silence, then, till day awoke.

Cuts.



UR English is a language that's perplexing, I'm afraid, For often many idioms from a single word are made; To prove it, hear what I shall say, and you will all agree That very different meanings can be hid in letters three.

O, what is in a simple cut? The editors all say
That when The Tech first wore one, it was a lucky day.
Alumni Notes and Locals both had proved to be mistakes,
But cuts soon caught subscribers, for a good cut always takes.

O, what is in a simple cut? The Freshman who has made His first attempt to shave himself and found his hand delayed By crimson gore, that trickles from his cheek of peachy down, D—ns the cut upon his profile with a dark and ugly frown.

O, what is in a simple cut? The Junior spends his cash
For "Prom.," and hacks, and roses; then he finds he's been too rash.
She smiles upon another man; his lips with rage are dumb:
She passes him in silence, and he knows his cut has come.

O, what is in a simple cut? The wretch who thinks that he Can surely steal one day from Tech. and ne'er discovered be, Returns to find a little card that makes him swift avow, Cuts are not worth the trouble, for he'll get the devil now.

O, what is in a simple cut? All Sunday papers teem With big accounts of wondrous sales and bargains by the ream; Next day the women come in droves, no force the tide can stem, And silks cut down to suit their purse are straight cut up for them.

O, what is in a simple cut? Your cards are dealt to you,
And as you quickly sort them your fate you can but rue;
For nearly all the cards you hold of any worth are black,
While trumps are red, too well you know, for so was cut the pack.

O, what is in a simple cut? a drawing, shave, or slight,
A lecture missed, a bargain gained, a trump once hid from sight?
And some of us may cut a dash, but fate, who rules the dice,
Selects but very few indeed who really can cut ice.

Echoes from Exam. Cime.



IS droll, just after an exam.,
Around the door to stay,
And watch the different men come out,
And hear what each will say.

First comes the "shark," with cheerful face, And smile put on to suit. He says: "I didn't do a thing! Why, that exam. was fruit."

The next one is a prudent man,
And not inclined for sport;
He will not guess how he "came out,"
But waits for his report.

The greasy grind then strolls along With sad and solemn air, And asks how you did this or that, That he may straight compare.

Now last of all the "special" comes, And gives a mournful croak. "Oh gosh!" he says, "I flunked it dead; Whew! what an awful soak!"

Then prudent man, and shark, and grind, And "special" go their way, And soon they all are "plugging" for A new exam, next day.



Technology.



DEAR old Institute of Tech.,
Our Alma Mater, we
With deepest love and loyalty
Sing, "Hail, all hail to thee!"
Fair Science came at thy command
Our gracious guide to be,
And leads us all to wisdom
At Technology.

Then hail, O Alma Mater!
Oh hail! all hail to thee!
And may thy sons prove worthy
Of Technology.

Her secrets we must work to find,
No sesame has she,
But if we steadfastly will seek
Her hidden lore we'll see;
And when we've reached the goal she sets
She'll give us her degree,
And we must turn our faces
From Technology.

For college joys and labors
Must all too swiftly flee;
But though our paths may sever
Our hearts shall still agree.
This tie shall ever bind us,
This thought our pride shall be,
That we are all alumni
Of Technology.



Athletics at the Institute.

THE year which is now closing has been an eventful one in the history of Technology's athletics. Although we have not done much in the way of winning laurels, we have materially improved our standing.

In football our 'varsity eleven, although winning only three games out of seven during the past season, scored but four points less than were made against it; and of all the games played by the 'varsity and the two lower classes against outside teams, the percentage of games won is larger by one half than that for last year.

In the line of track athletics, four regular events are now held annually under the auspices of the Technology Athletic Club,—a series of indoor open games in March, an outdoor meet in May, a series of outdoor handicap games in October, and an indoor meet in December. The first is open to all amateurs; the last three are open only to Institute students. To the class track team winning the largest number of points in these latter, the championship for the year is awarded. All of these events serve as preparation for the Worcester Meet of the New England Intercollegiate Athletic Association, held in the latter part of May, toward which all of our athletic efforts are directed. As a result of the last meet we now hold fourth place, as against seventh, for the year previous.

Considerable interest is taken by the Sophomores and Freshmen in class football and baseball, and all of the classes have track teams which do good work in preparing men for the 'varsity.

Aside from competitive athletics, there is at the Institute a Gun Club, Tennis Association, Hare and Hounds Club, and organized Wheelmen, all of which maintain a large amount of interest in outdoor sports. A strong movement has recently been instituted toward securing a better equipment and management of our gymnasium, and all signs seem to show that our desire for glory and supremacy in athletics is not altogether vain, but that we are moving surely, even if but slowly, toward the goal of success.

In the following pages we wish to call particular attention to the records, which are presented in such a way that those of Technology, the N. E. I. A. A., and the World's Amateurs, may be readily compared.



The Technology Athletic Club was formed Oct. 13, 1894, with the object of encouraging all athletics at the Institute. All amateurs are eligible to membership upon payment of nominal dues. The management and government is intrusted to the Executive Committee, which is composed of the track captains of the four class teams and of the 'varsity.

The Club has accomplished three things which are noteworthy: it has given to many men an incentive, through prizes offered, to go on the track; it has brought the Institute into the notice of the outside world; and through it Technology became a member of the New England Intercollegiate Athletic Association.

Officers.

President.
HARRY LEONARD MORSE, '99.

Vice President.

JOHN FRANK WENTWORTH.

Secretary.

Durand Mayer, '98.

Treasurer.
VAN RENSSELAER LANSINGH, '98.

Executive Committee.

John Frank Wentworth, Captain of Technology Track Team.

Harold Wellington Jones, Captain of '98 Track Team.

Guy Prentiss Burch, Captain of '99 Track Team.

Russell Parker Priest, Captain of 1900 Track Team.

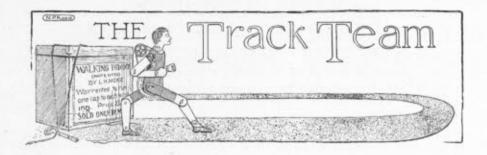
Ray Murray, Captain of 1901 Track Team.





EDSON MAYNEW SCHMIDT JONES FERMISON BADWELL GURNEY -WASHBURN WENTWORTH EMERETT LANSINGH CHASE STERBINS NOLTE.
PRIEST BUTCHER: PUCH HOOKER LATHROP

AMOR CONTROL



Officers.

Captain.

JOHN FRANK WENTWORTH.

Manager.

VAN RENSSELAER LANSINGH, '98.

Track Team.

HOWARD LAWRENCE BODWELL, '98.
WILLIAM LARAMY BUTCHER, '98.
FRANK DAVID CHASE, '00.
WARREN ADAMS EDSON, '00.
JULIAN FRANKLIN EVERETT, '98.
ROBERT ARTHUR FERGUSON, '99.
ASA WATERS GROSVENOR, '98.
ERVING RUDOLPH GURNEY, '99.
STANLEY AGAR HOOKER, '98.

HAROLD WELLINGTON JONES, '98.
FRED HASKINS LATHROP, '99.
HAROLD BAKER MAYHEW, '00.
JULIUS NOLTE, '98.
RUSSELL PARKER PRIEST, '00.
ACHILLES HENRY PUGH, '97.
HERMAN HENRY SCHMIDT, '99.
CHARLES BOWLES STEBBINS, '97.
THURLOW WASHBURN, '97.

JOHN FRANK WENTWORTH, '00.

The New England Intercollegiate Htbletic Hssociation.

As a result of a meeting of delegates from a number of New England colleges held in Boston, Nov. 23, 1886, for the consideration of some plan whereby amateur athletics among them might be promoted, the New England Intercollegiate Athletic Association was formed, with Amherst, Bowdoin, Brown, Tufts, Williams, Dartmouth, and Trinity as members. Others have since joined its ranks, until now the Association includes ten colleges. Membership is limited to New England institutions, and any such may be elected by a majority vote of the existing members.

The Association is an independent organization, and is governed by its own rules and officers. All of its affairs are intrusted to a convention composed of not more than three delegates (only one of whom may vote) from each of the associated colleges. These delegates meet annually in Boston on the second Saturday in February for the election of officers and the transaction of business. The immediate management of details is placed in the hands of an executive committee, consisting of the President, ex officio, the retiring Secretary, and three members, not more than one from any one college, elected annually by the convention.

A field meeting is held each year on the next to the last Saturday in May, at a place designated by the previous convention, and has thus far been held at Worcester. At least one properly qualified entry to every field meeting of the Association is required of each member. The championship is awarded to the college winning a plurality of points, five being counted for first place in any event, three for second, and one for third.

Technology became a member of the Association in 1894, and the same year won the championship. In 1895, however, she secured but fourth place, and the following year fell to seventh. Last year we were again fourth, and this year—time will tell.

The New England Intercollegiate Athletic H990ciation.

Members.

Dartmouth College. Brown University. Bowdoin College. Institute of Technology. Wesleyan University. Amherst College.
Williams College.
Trinity College.
Tufts College.
Worcester Polytechnic Institute.

Officers.

President, H. D. CROWLEY, Dartmouth.

Vice President, C. T. DE WITT, Amherst. Secretary, E. G. LITTELL, Trinity.

Treasurer, H. L. Morse, M. I. T.

Executive Committee.

H. L. LEEMAN, Williams.

L. B. C. COLT, Brown.

O. E. YALE, Wesleyan.



of the New England Intercollegiate Athletic Association. Corcester, May 22, 1897.

EVENT.	WINNERS. TIME, HEIGHT, OR DISTANCE.
100-Yard Dash .	 C. BILLINGTON, Wesleyan 10 1-5 sec. C. M. CALLAHAN, Williams. A. W. Grosvenor, M. I. T.
220-Yard Dash .	 R. T. ELLIOTT, Amherst 23 2-5 sec. H. H. SEARS, Dartmouth, R. E. BARKER, Brown
440-Yard Run	 H. C. COLLAR, Dartmouth 51 4-5 sec. F. K. TAFT, Brown. R. T. ELLIOTT, Amherst.
880-Yard Run	 R. T. Hanson, Brown 2 min. 2 2-5 sec. C. E. Barker, Dartmouth. E. L. Stockwell, Brown.
One-Mile Run	 A. L. Wright, Brown 4 min. 33 sec. J. Bray, Williams. S. B. Furbush, Amherst.
Two-Mile Run .	 A. L. WRIGHT, Brown 10 min. 8 sec. F. A. Tower, Wesleyan. H. B. Mayhew, M. I. T.
Two-Mile Bicycle	 G. L. Gary, Dartmouth 5 min. 41 4-5 sec. F. A. Stearns, Bowdoin. E. R. Gurney, M. I. T.

N. E. I. H. H .- Continued.

WINNERS.		т	IME	, нв	IGHT, OR DISTANCE.
					16 1-5 sec.
C. B. Stebbins, M. I. T.			٠		26 t-5 sec.
A. W. GROSVENOR, M. I. T					. 21 ft. 6 1-2 in.
T. W. Chase, Dartmouth E. G. Locke, Amherst.					. 21 ft. 2 1-2 in.
I. K. BAXTER, Trinity .					. 5 ft. 7 1-2 in.
S. S. Sapham, Jr., Brown				120	5 ft. 6 in.
W. S. Butcher, M. I. T.				1	*5 ft. 2 1-4 in.
E. G. LITTELL, Trinity .				1	5 11. 2 1-4 111.
					IIft.
				5	† 10 ft. 9 3-4 in.
J. L. Hulburt, Wesleyan				1	11011.93411.
H. W. CLARK, Dartmouth					35 ft. 2 in.
R. E. HEALEY, Tufts		83			125 ft. 5 1-2 in.
	C. F. KENDALL, Bowdoin O. W. LUNDGREN, W. P. I. A. MOSSMAN, Amherst. C. F. KENDALL, Bowdoin C. B. STEBBINS, M. I. T. E. H. SPRAGUE, DARTMOUTH A. W. GROSVENOR, M. I. T T. W. CHASE, DARTMOUTH E. G. LOCKE, Amherst. I. K. BAXTER, Trinity S. S. SAPHAM, JR., Brown W. S. BUTCHER, M. I. T. E. G. LITTELL, Trinity R. H. WILDER, DARTMOUTH H. W. FIFER, Williams J. L. HULBURT, Wesleyan E. R. GODFREY, Bowdoin F. CORSON, DARTMOUTH H. W. CLARK, DARTMOUTH	C. F. KENDALL, Bowdoin . O. W. LUNDGREN, W. P. I. A. MOSSMAN, Amherst. C. F. KENDALL, Bowdoin . C. B. STEBBINS, M. I. T. E. H. SPRAGUE, Dartmouth. A. W. GROSVENOR, M. I. T. T. W. CHASE, Dartmouth . E. G. LOCKE, Amherst. I. K. BAXTER, Trinity . S. S. SAPHAM, JR., Brown . W. S. BUTCHER, M. I. T. E. G. LITTELL, Trinity . R. H. WILDER, Dartmouth H. W. FIFER, Williams . J. L. HULBURT, Wesleyan . E. R. GODFREY, Bowdoin . F. CORSON, Dartmouth . H. W. CLARK, Dartmouth .	C. F. KENDALL, Bowdoin O. W. LUNDGREN, W. P. I. A. MOSSMAN, Amherst. C. F. KENDALL, Bowdoin C. B. STEBBINS, M. I. T. E. H. SPRAGUE, Dartmouth. A. W. GROSVENOR, M. I. T T. W. CHASE, Dartmouth E. G. LOCKE, Amherst. I. K. BAXTER, Trinity S. S. SAPHAM, JR., Brown W. S. BUTCHER, M. I. T E. G. LITTELL, Trinity R. H. WILDER, Dartmouth	C. F. KENDALL, Bowdoin O. W. LUNDGREN, W. P. I. A. MOSSMAN, Amherst. C. F. KENDALL, Bowdoin C. B. STEBBINS, M. I. T. E. H. SPRAGUE, DARTMOUTH. A. W. GROSVENOR, M. I. T T. W. CHASE, DARTMOUTH	C. F. KENDALL, Bowdoin O. W. LUNDGREN, W. P. I. A. MOSSMAN, Amherst. C. F. KENDALL, Bowdoin C. B. STEBBINS, M. I. T. E. H. SPRAGUE, Dartmouth. A. W. GROSVENOR, M. I. T. T. W. CHASE, Dartmouth

*Tie. The point is divided.

Summary of Doints.

J. P. Coombs, Brown 113 ft. 1 1-2 in. A. A. FRENCH, Bowdoin 107 ft. 7 1-2 in. † Tie. Two points each.

			Ounn	mary or	Potti	10.				
	Dart.	Brown.	Bow.	M. I. T.	Wes.	Amh.	Will.	Trin.	Tufts,	W.P.I.
100-Yard Dash,	0	0	0	I	5	0	3	0	0	0
880-Yard Run,	3	6	. 0	0	0	0	0	0	0	0
High Hurdles,	0	0	5	0	0	1	0	0	0	3.
440-Yard Run,	5	3	0	0	0	I	0	0	0	0
Mile Run,	0	5	0	0	0	1	3	0	0	0
Two-Mile Bicycle	1 5	0	3	1	0	0	0	0	0	0
Low Hurdles,	1	0	5	3	O	0	0	0	0	0
220-Yard Dash,	3	1	0	0	0	5	0	0	0	0
Two-Mile Run,	0	5	0	1	3	0	0	0	0	0
Pole Vault,	5	0	0	0	2	0	2	0	0	0
Shot,	4	0	5	0	0	0	0	0	0	0
High Jump,	0	3	0	7	0	0	0	54	0	0
Hammer,	0	3	1	0	0	0	0	0	5	0
Broad Jump,	3	0	0	5	0	1	0	0	0	0
Totals,	29	26	19	114	10	9	8	58	5	3.

Minners of the Championship.

1887.	Dartmouth.	1893.	Dartmouth.
1888.	Amherst.	1894.	Technology.
1889.	Dartmouth.		Dartmouth.
1890.	Amherst.		Dartmouth.
1891.	Amherst.		Dartmouth.
1802	Amherst		



Records.

M. I. T.	N. E. I. H. H.	Morld's Hmateur.
	100-Yard Dash.	
10 2-5 Sec. R. W. CARR, '95. A. W. GROSVENOR, '98.	H. S. Patterson, Williams, 1895.	9 4-5 Sec. John Owen, 1890. B. J. Wefers, 1896.
	220-Yard Dash.	
23 Sec. R. W. Carr, '95.	22 3-5 Sec. H. C. Ide, Dartmouth, 1892.	B. J. Wefers, 1896.
	440-Yard Run.	
J. A. ROCKWELL, '96.	G. B. SHATTUCK, Amherst, 1891.	47 3-5 Sec. Wendell Baker, 1886.
	Balf-Mile Run.	
2 Min. 6 2-5 Sec. T. Spencer, '91.	2 Min. 1 2-5 Sec. H. S. Dadmun, Worcester, 1891.	1 Min, 52 2-5 Sec. C. H. KILPATRICK, 1895.
	One-Mile Run.	
4 Min. 37 4-5 Sec. G. CLAPP, '95.	4 Min. 32 1-5 Sec. G. O. Jarvis, Wesleyan, 1893.	4 Min. 15 3-5 Sec. T. P. Conneff, 1895.
	Two-Mile Run.	
11 Min. 16 4-5 Sec. Н. В. Маунеw, '00.	10 Min. S Sec. A. L. WRIGHT, Brown, 1897.	9 Min. 17 2-5 Sec. W. G. GEORGE, 1884.
	Two-Mile Bicycle.	
5 Min. 26 4-5 Sec. W. C. MARMON, '95.	5 Min. 27 4-5 Sec. W. C. Marmon, M. I. T., 1894.	5 Min. 16 1-5 Sec. G. C. Smith.
	120-Yard Burdle.	
16 3-5 Sec. B. Hurd, Jr., '96.	S. Chase, Dartmouth, 1895.	15 2-5 Sec. S. Chase, 1895.
	220-Yard Burdle.	
26 1-5 Sec. B. Hurd, Jr., '96.	H. C. Ide, Dartmouth, 1892.	²⁴ 3-5 Sec. J. L. Bremer.
	Running Broad Jump.	
²² Ft. 1 1-2 In. A. W. GROSVENOR, '98.	S. Chase, Dartmouth, 1895.	23 Ft. 61-2 In. C. S. REBER. C. B. FRY.

Running high Jump.

6 Ft. 1-2 In. C. D. HEYWOOD, '93.	5 Ft. 9 3-4 In. I. K. Baxter, Trinity, 1896.	6 Ft. 5 5 8 In. M. F. SWEENEY, 1895.
	Pole Vault.	
10 Ft. 7 In. J. CRANE, '92.	R. H. WILDER, Dartmouth, 1897.	II Ft. 5 3-8 In. W. S. RODENBAUGH, 1892.
	Shot Put (16 lbs.)	
37 Ft. 8 3-4 In. H. W. Jones, '98.	38 Ft. 6 1-2 In. E. R. Godfrey, Bowdoin, 1896.	G. R. GRAY, 1893.
	hammer Throw (16 lbs.)	

*

133 Ft. S In. F. E. Smith, Brown, 1896. 145 Ft. 3-4 In. J. S. MITCHELL, 1892.

Special Events at M. I. C.

EVENT.	HOLDER,						RECORD,
20-Yard Dash	F. W. LORD, '94	4	10				3 sec.
35-Yard Dash	A. W. GROSVENOR, '	98					*4 sec.
35-Yard Low Hurdle	B. HURD, JR., '96 .						· · 4 4-5 sec.
Potato Race	J. A. Rockwell, Jr.	, '96					50 1-5 sec.
Cross-Country Run (5 m.) .	E. P. OSGOOD, '97 .					28	min. 56 3-5 sec.
Standing Broad Jump	L. BURNETT, '96 .						10 ft. 1 1-2 in.
Three Standing Broad Jumps							
Standing High Jump							
Fence Vault	A. H. GREEN, '96 .		40				. 7 ft. 2 1-4 in.
Running High Kick							
Rope Climb	H. L. Bodwell, '98		,				5 2-5 sec.
Throwing Discus	H. W. Jones, '98 .						93 ft. 8 in.

^{*} World's Record,

96 Ft. 4 In. C. H. PARKER, '95.



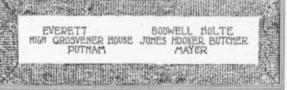
98 TRACK TEAM

为是是我们的可能性别则是他是













The Class Championship in athletics is awarded to the class whose Track Team wins the greatest number of points in the three regular closed events of the year; namely, the Outdoor Fall Games in October, the Indoor Winter Meet in December, and the Outdoor Spring Meet in May, all of which are managed by the Technology Athletic Club. First place in any event counts five points, second place, three, and third, one.

The scores for the past year were, Class of '98, 109; Class of '97, 39; Class of '99, 34; Class of 1900, 24.

Officers.

Captain.

HAROLD WELLINGTON JONES.

Manager.

DURAND MAYER.

Team.

HOWARD LAWRENCE BODWELL.
WILLIAM LARAMY BUTCHER.
JULIAN FRANKLIN EVERETT.
ASA WATERS GROSVENOR.
RALPH HARRIS.
CARL STOUT HIGH.

STANLEY AGAR HOOKER.

JOHN HENRY HOUSE.

WINFRED DEAN HUBBARD.

HAROLD WELLINGTON JONES.

DURAND MAYER.

JULIUS NOLTE.

WILLIAM EDWARD PUTNAM.

Summary of Points for the Class Championship for the Year 1896-97.

The Meets in which the following points were made were the Fall Games, Irvington Oval, Oct. 24, 1896, the Indoor Winter Meet, Technology Gymnasium, Dec. 12, 1896, and the Outdoor Spring Meet, Holmes's Field, May 1, 1897, these being the regular annual Technology events for the year 1896-97. First place in each event counts 5; second, 3; and third, 1.



Championship Mon by the Class of '98, with 109 Points.

Outdoor Events.

'98 '97 '99 '00 '99 '00 '99 '90 '99 '90 '99 '97 '99 '97 '99 '99 '99 '99 '99 '99			537.4	'00
100-Yard Dash 5 0 3 1 Two-Mile Bicycle	0			
			3	5
220-Yard Dash 5 0 1 3 Putting Shot (10 lbs.)	5	0	4	0
440-Yard Run o 5 o 4 Throwing Hammer	5	3	1	0
880-Yard Run o 5 3 1 Running Broad Jump .	9	0	0	0
One-Mile Run 8 1 0 0 Running High Jump .	8	0	I	0
Two-Mile Run o o 3 6 Pole Vault	6	0	3	0
120-Yard Hurdle 0 5 3 1 Discus Throw	6	0	3	0
220-Yard Hurdle 1 8 0 0 Cross-Country Run	0	5	0	3
		-018	-	
5	8 3	33	28	24

Indoor Events.

					'98	'99	'97						'98	199	'97
35-Yard Dash	V		ij.	\tilde{z}	5	1	3	High Jump		4.			8	1	. 0
35-Yard Hurdle					5	4	0	Pole Vault					9	0	0
Potato Race .					6	0	3	Putting Shot				4	9	0	0
Broad Jump .					9	0	0							-	20
													51	6	6



Class of '98				Firsts.	Seconds.	Thirds.	Totals.
Class of '97				5	4	2	39
Class of '99	-2	1	14	0	9	7	34
Class of 'oo			-	2	3	5	24

Eighteenth Annual Open Scratch Games of the Technology Athletic Club.

TECHNOLOGY GYMNASIUM, MARCH 20, 1897.

EVENT.	WINNERS.		713	Œ,	HE	GH	т, с	OR DI	STANCE,
35-Yard Dash (Novice) .	E. H. SMITH, H. A. A J. DE K. TOWNER, H. A. A. J. C. DRYER, M. I. T.							4	2-5 sec.
35-Yard Dash	A. W. GROSVENOR, M. I. T. F. H. BIGELOW, H. A. A. JOHN QUINN, B. C. A. A.				٠			4	2-5 sec.
40-Yard High Hurdle	E. H. CLARK, B. A. A							5 .	3-5 sec.
(Three Flights.)	J. N. HALLOWELL, Hop. C. B. Stebbins, M. I. T.								
Potato Race	C. B. Stebbins, M. I. T H. Preo, E. B. A. A. C. G. Sweeney, C. G. A.		*					*	35 sec.
Putting Shot (16 lbs.)	E. H. CLARK, B. A. A	-						37 f	t. 6 in.
	W. W. COE, N. & G							36 ft	. II in.
	N. J. Young, E. B. A. A.							36 f	t 9 in.
Running High Jump	W. C. Morse, H. A. A.						5 f	. 11	1-4 in.
	W. E. PUTNAM, M. I. T		10				5 1	. 10	1-2 in.
	С. М. Котсн, Нор						5	ft. 8	1-8 in.
Pole Vault	Н. Е. Scott, W. P. I			100			10	ft. 3	1-8 in.
	A. B. Emmons, H. A. A.						9 f	11 .	7-8 in.
	R. H. Morrison, H. A. A.								

Annual Spring Meeting.

HOLMES FIELD, MAY I, 1897.

EVENT.	WINNERS. TIME, HEIGHT, OR DISTANCE.
100-Yard Dash	A. W. Grosvenor, '98 10 2-5 sec. J. C. Dryer, '99. J. F. Wentworth, '00.
220-Yard Dash	A. W. Grosvenor, '98 23 4-5 sec. M. W. Hall, '00. H. Sawyer, '99.
440-Yard Run	C. B. Stebbins, '97 52 4-5 sec. R. P. Priest, '00. G. W. Emery, '00.
880-Yard Run	C. B. STEBBINS, '97 2 min. 6 4-5 sec. H. L. Morse, '99. W. J. Angus, '00.
One-Mile Run	S. A. Hooker, '98 4 min. 48 2-5 sec. H. L. Bodwell, '98. E. W. Ritchie, '97.
Two-Mile Run	H. B. Mayhew, '00 *11 min. 16 4-5 sec. H. A. B. Campbell, '99. A. W. Gray, '00.
120-Yard Hurdles	B. Hurd, Jr., '97 17 1-5 sec. R. A. Ferguson, '99. J. F. Wentworth, 'co.
220-Yard Hurdles	C. B. Stebbins, '97 28 3-5 sec. B. Hurd, Jr., '97. W. E. Putnam, '98.
Two-Mile Bicycle	W. A. Edson, '00 5 min. 44 4-5 sec. E. R. Gurney, '99. I. du Ponte, '97
Putting Shot (16 lbs.)	H. W. Jones, '98 *37 ft. 8 3-4 in. H. H. Schmidt, '99 36 ft. 10 in. F. L. H. Kimball, '99 36 ft. 2 in.
Throwing Hammer (16 lbs.)	H. W. Jones, '98
Running Broad Jump	A. W. Grosvenor, '98
Running High Jump	W. E. PUTNAM, '98 5 ft. 7 in. W. L. BUTCHER, '98 5 ft. 6 1-2 in. R. A. FERGUSON, '99 5 ft. 5 1-2 in.
Pole Vault	W. E. Putnam, '98 8 ft. 11 1-2 in. F. L. H. Kimball, '99. J. Nolte, '98.
Discus Throw	H. W. Jones, '98 80 ft. 8 in. G. I. Copp, '99. R. Harris, '98.

^{*} Technology record.

Annual fall handicap Games.

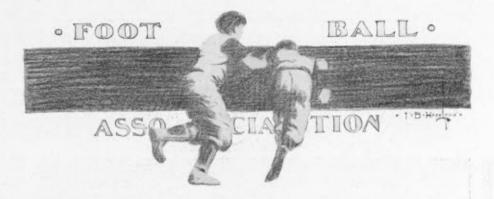
IRVINGTON OVAL, OCTOBER 30, 1897.

EVENT.	WINNERS. HANDICAP.	TIME, HEIGHT, OR DISTANCE.
100-Yard Dash	J. C. DRYER, '99, 4½ yards R. L. SHEPHERD, '01, 6 yards. J. H. House, '98, 9 yards.	10 4-5 sec.
220-Yard Dash	H. L. GRANT, '00, 8 yards } M. W. HALL, '00, scratch } H. M. McMasters, '00, 12 yards	25 3-5 sec.
440-Yard Run	F. B. Dutton, '00, 13 yards . W. D. Hubbard, '98, 15 yards. G. W. Emery, '00, 12 yards.	56 1-5 sec.
880-Yard Run	W. D. Hubbard, '98, 20 yards R. P. Priest, '00, scratch.	2 min. 13 4-5 sec.
One-Mile Run	S. C. Sears, 'co, 25 yards H. L. Bodwell, '98, scratch. E. W. Ritchie, '98, 35 yards.	5 min. 5 sec.
Two-Mile Run	H. A. B. CAMPBELL, '99, scratch E. W. RITCHIE, '98, 70 yards. D. M. PRAY, '99, 130 yards.	11 min. 22 sec.
120-Yard Hurdle	J. F. WENTWORTH, '00, scratch W. E. PUTNAM, '98, 7 yards. E. W. RITCHIE, '98, 7 yards.	18 3-5 sec.
Running Broad Jump	J. H. House, '98, 6 inches J. F. Wentworth, '00, scratch	19 ft. 2 in.
Running High Jump	F. K. BAXTER, 'ot, 3 inches . W. E. PUTNAM, '98, scratch . F. C. Field, '98, 4 inches	5 ft. 7 I-4 in. 5 ft. 6 in. 5 ft. 3 3-4 in.
Pole Vault		10 ft. 2 1-4 in. 10 ft. 1 in. 9 ft. 3 1-2 in.
Putting Shot (16 lbs.)	F. L. H. KIMBALL, '99, scratch J. F. WENTWORTH, '00, 2 feet .	
Throwing Discus	G. I. COPP, '99 (scratch event) W. B. FLYNN, '99 L. A. CROWELL, '00	82 ft. 3 in.
Throwing Hammer (16 lbs.)	F. C. FIELD, '98, scratch J. F. WENTWORTH, '00, 5 feet . R. W. BAILEY, '99, 20 feet	69 ft.

Annual Indoor Ainter Meeting.

TECHNOLOGY GYMNASIUM, DECEMBER 17, 1897.

EVENT.	WINNERS.	TIME, HEIGHT, OR DISTANCE,
35-Yard Dash	. J. C. Dryer, '99 G. P. Burch, '99. J. F. Wentworth, '00.	4 I-5 sec.
35-Yard Hurdle	J. F. Wentworth, '00. W. W. Garrett, '01.	
Potato Race	H. L. BODWELL, '98 . H. M. McMasters, '00. W. E. Putnam, '98.	37 4-5 sec.
Broad Jump	G. P. Burch, '99. F. C. Field, '98.	9 ft. 8 r-4 in.
High Jump	F. K. BAXTER, '01. W. L. BUTCHER, '98.	5 ft. 9 in.
Pole Vault	W. E. Putnam, '98 W. E. Putnam, '98. R. L. Shepard, '01.	9 ft. 10 1-4 in.
Putting Shot (16 lbs.)	F. L. H. KIMBALL, '99 G. I. COPP, '99	
Fence Vault	C. S. HIGH, '98. W. B. FLYNN, '99.	6 ft. 11 in.



The M. I. T. Football Association was organized March 6, 1895. Its object is to further all interests related to football at Technology, and to have supervision over the same. Every student of the Institute is considered a member. The Association has full charge of the annual Sophomore-Freshman contest, and manages the business part of that event.

An annual meeting for the election of officers is held shortly before the Christmas vacation, and other meetings may be called at any time by the President, Executive Committee, or upon request of twenty members.

Officers.

President.

GEORGE FREDERICK ULMER, '98.

Vice President.

Secretary-Treasurer.

LEWIS ANDREW HAYDEN, '98.

GEORGE ANTHONY HUTCHINSON, '98.

Captain of Team.

GEORGE FREDERICK ULMER, '98.

Executive Committee.

ERNEST FRANK RUSS, '98.

KENNETH MALLON BLAKE, '99.

CHARLES BURTON COTTING, '00.

Manager.

Assistant Manager.

George Anthony Hutchinson, '98.

ALEXANDER RIEMAN HOLLIDAY, '99.







CURTIS HESMITH BROWN HOLLIDAY RICHARDSON EMERY HAYDEN
CLIFFORD PERKINS ULMER HUTCHINSON HOLTE JOUETT
MORSE STEBBINS WERNER





Officers.

Captain.

George Frederick Ulmer, '98.

Manager.

Assistant Manager.

George Anthony Hutchinson, '98. Alexander Rieman Holliday, '99.

Team.

	77777
P. CLIFFORD, '98.	G. R. HECKLE, '99.
H. A. Curtis, '98.	B. E. Morse, '99.
E. C. EMERY, '98.	W. H. Perkins, '99.
L. A. HAYDEN, '98.	R. W. Stebbins, '99
J. Nolte, '98.	F. A. WERNER, '99.
H. D. Osgood, '98.	S. P. Brown, 'co.
P. RICHARDSON, '98.	H. D. JOUETT, 'co.
G. F. Ulmer, '98.	T. NESMITH, JR., '00

Schedule of Games.

	Score,
October 9.	Technology vs. Exeter, at Exeter 6-12
October 16.	Technology vs. Amherst, at Amherst 6-8
October 20.	Technology vs. Andover, at Andover 16-6
	Technology vs. University of Maine, at Bangor 0-14
November 6.	Technology vs. Worcester Polytechnic, at Worcester 16-4
November 10.	Technology vs. Tufts, at Boston o-6
	Games played, 7. Games won, 3. Games lost, 4. Total points scored by M. I. T., 52. Total points scored by opponents, 56. Percentage of games won, 429.



NE of the few student customs at the Institute, and certainly the most important one, is the annual cane rush between the Freshman and Sophomore classes. This event is always associated with the inter-class football game, and, indeed, had its origin in that event. The first game of this sort at the Institute took place in the fall of 1886, between the classes of '89 and '90, and resulted in a victory for the latter. The victorious Freshmen were so loud in their expressions of joy that '89, maddened by defeat, rushed at them. A cane was secured by '90 and held aloft as a challenge, and a lively "scrap" ensued until the Sophomores captured the stick. This was the origin of the cane rush. Each succeeding game was followed by a similar rush, but for several years the general sentiment seemed to be against the cus-By 1890, however, it had become thoroughly established. Referees were now chosen from among the upper classmen, and the affair was conducted in a more orderly manner. In the next year another issue was introduced, a contest as to which class should be able to fly

wire, etc., this issue was done away with after the rush of '94, and the cane rush became established in its present form.

On the 22d of last November an afternoon visitor in any of the various departments of the Institute would have been astonished at the great number of students who were not to be seen. A few grinds still linger in the laboratories and drawing rooms, but men are conspicuous by their absence. An inquiry brings out the fact that this is the day of the cane rush. As early as one o'clock preparations were begun. Lunches were hastily swallowed, and then came the task of dressing; for, in this respect, the etiquette of the cane rush is as exacting as that of the (foot) ball. Old clothes are at a premium, football jackets are in demand, and many a fond mother would fail to recognize her precious darling, now become a bold, bad man. At the gymnasium all is astir, for here are gathered the Sophomores, determined to do or die.

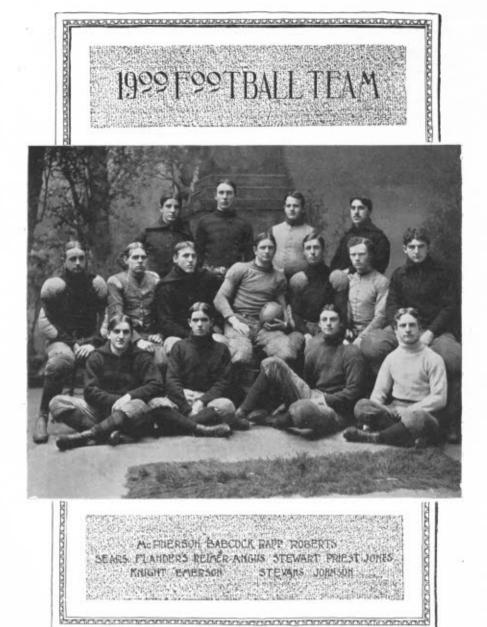
its colors from the flag pole. On account of the many dangerous practices which this introduced, such as winding the pole with barbed

Presently they start for the grounds, and then the Freshmen grow braver. Soon the sound of music (?) is heard, and they, too, headed by a street band, are marching proudly toward the place of conflict, displaying numerous signs more or less complimentary to their opponents.

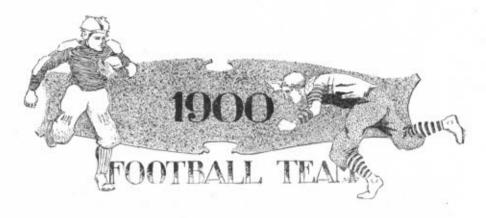
Meanwhile at the South End Grounds the crowd is gathering, and many a Junior or Senior, happy in her smile, looks pityingly on his less fortunate classmates as they give their class cheer again and again, to pass away the time. But now the game is called. Back and forth goes the ball, while the playing of the band and the cheering of '99 and '01, or '98 and '00, tells which side is gaining, until at last the first half is over, and neither side has scored. The interval, occupied by sundry small rushes between the two classes, soon passes, and again the teams line up. The struggle is close and exciting. Now the ball moves steadily toward 1900's goal, and now it is punted back. Again it moves up, and—"Oh! just hear the Freshmen cheer!" For their team has scored. Time is now soon called, and the game stands 6-o.

Immediately the classes begin to form for the rush, for it is beginning to get dark. Six Freshmen grasp the "cane," which more nearly resembles a baseball bat, and their classmates quickly form in circles around them. A few paces off stand the wedges of the Sophomores. On they come, but soon stop, for the signal has not yet been given. Bang! goes the referee's pistol, and in an instant three hundred men are merged in one struggling, writhing mass. The air is stifling; the minutes seem like hours; the strongest cloth seems to tear like paper; but there is no escape, for outside stands a ring of upper classmen, and woe to the man who tries to break out! "The cane! the cane!" they shout. "Get on to the cane!" and back he is thrown with the force of a cannon ball. The fifteen minutes finally ends, though, and another shot is fired; but the struggle still goes on. Now the ring of upper classmen comes in closer and closer, throwing out men behind it, until at last only those holding the cane are left. Breathlessly the crowd awaits the count. Then the result is announced,-" Nine-teen hundred wins, six-teen to thir-teen!"-and another rush is over.





AC PHERSON BABCOCK RAPP ROBERTS SEARS FLANDERS REINER ANGUS STEWART PREST JONES KNIGHT EMERSON



Captain and Manager.

WILLIAM J. ANGUS.

Team.

G. W. Knight .			20	2	13	10	100	53	Right End.
LEWIS STEWART				9	24	6	- 5	2	. Right Tackle.
A. A. REIMER .									. Right Guard.
W. J. Angus .			*		-				
Р. Н. Вавсоск									. Left Guard.
									. Left Tackle.
							63	*	. Left End.
B. R. Johnson .									. Quarter Back.
H. A. McPherson									Right Half Back.
R. P. PRIEST .		1300	¥0	40	(4)	1.0		× 1	. Left Half Back.
H. M. FLANDERS	9	14			58		2.	10	Full Back.

Substitutes.

W. L. RAPP.

R. P. Roberts.

FRANK EMERSON.

S. C. Sears.

Schedule of Games.

			24	. I. To	Score, 1900,
October 30.	Milton Athletic Association .	22			0-8
	Malden Manual Training School .				6-0
November 22.	Technology, 1901		20	17	0-6

Percentage of games won, 33 3.



LOW SHEPTERD CROSS COWING

DARBY KENNARD JAFFARDS WOOD LENGUET

ADMINED LAWS EVANS PEPPERELL CHIE DARKOUTH

HALEY DORSEY TAXON



Officers.

Captain.

Joseph D. Evans.

Manager.

WILLIAM S. PEPPERELL, JR.

Team.

FARNUM F. DORSEY, Right End. HARRY P. McDonald, Right Tackle. JOSEPH A. GUND, Right Guard. JAMES B. LAWS, Center. JOHN E. LE BOSQUET, Left Guard. Joseph D. Evans, Left Tackle.

George A. Cowing, Left End.

HARRY W. MAXSON, Quarter Back.

CHARLES W. DANFORTH, Left Half Back.

RALPH L. SHEPHERD, Right Half Back.

HAROLD BLAKE WOOD, Full Back.

Substitutes.

DAVID LOW. FREDERICK C. CROSS. ROBERT M. DERBY. ALEXANDER II. B. JEFFARDS. WILLIAM S. PEPPERELL. DENNIS F. HALEY.

WILLIAM O. KENNARD.

Schedule of Games.

	OUNCERN OF							Score.
							M. I. T.	, 1901.
October 30.	Glenmore	4	*	5.5		*		6-0
November 6.	Lowell Country Club .	140	4	34	1.7	20		10-0
November 10.	Arlington	7	65		25	20		4-6
November 16.	Dorchester High School					23		4-6
November 22.	Technology, 1900 .		5.5		40			6-0

Percentage of games won, 60.0.





HERBERT SLOCUM MOLABIRD CORBETT
MORSE KINSMAN SHERRILL JOHNSON ADAMS HAZELTINE MOORE
VOGT KEYS HEARNE



Officers.

Captain.

Lane Johnson.

Manager.

WALTER OWEN ADAMS.

Team.

HARRY MONTIFIX KEY	rs.			2	59	327		. Pitcher.
ROBERT GRANT HOLA	BIRD				C.e.	1.00	*	. Catcher.
LANE JOHNSON .				4		411	 	. First Base.
BENJAMIN EAMES MOI	RSE				4			. Second Base.
MILES STANDISH SHE	RRILL			1.0		97.0	(4)	. Short Stop.
CLARENCE ALFRED M	OORE		*:	5.60	232		 	. Third Base.
BENJAMIN PRESCOTT I	HAZEL	TIN	E, JR					. Right Field.
OSCAR GEORGE VOGT				4				. Left Field.
WILLIAM WHITAKER	SLOCU	M	*:	×		190		. Center Field.

Substitutes.

WALTER OWEN ADAMS.

CHARLES WALTER CORBETT, JR.

Joseph Lewis Hern.

WALTER HIBBARD HINMAN.

Scorer.

EDWARD HERBERT.

Schedule of Games.

5624950		300							Score.
1897.								M. I.	r., '99.
April 13.	Somerville High School		9						5-15
April 16.	Sigma Chi Fraternity								9-13
April 19.	Arlington High School	, 4°,	14		53		4	178	2-8
April 21.	Cambridge High and La	tin S	School						14-12
April 23.	Sigma Chi Fraternity				15				13-2
April 24.	South Framingham High	Sch	hool	4	23	*	14	2.9	8-9
April 28.				-	46				12-10
April 29.	Tufts (second nine) .								14-13
May I.	Bridgewater Normal Sch								14-4
May 8.	Arlington High School				45			24	12-19
May 11.	Cambridge High and La	tin S	School						5-7
May 18.	Technology, 1900 .				- 2		- 19		7-16

Percentage of games won, 41.7.





GAUSS CHAFFEE STEWART CROWELL DART GLOVER McDONALD PAGET OSGOOD McMASTERS WHITEHOUSE WOODWARD COTTING



											Score.
1897.									34	. I. T.,	1900.
	Arlington High School		(6)	1	92	14	7	200			6-7
	Somerville High School	4		4	14						7-8
April 17.	Adams Academy .	0.40	400	0.0		1.00		411	90	14.0	11-4
April 26.	Brown, 'co (10 innings)			7	100			- 63		4	15-11
April 30.	Groton			4.5			- 4				15-10
May 3.	Belmont Academy .	27				15		- 65			13-1
	St. Mark's		- 27	Ç:							12-11
May 10.	Harvard, 'oo (4 innings)		200			2.4	10.0				3-0
	Dorchester High School					12					10-5
May 18.	Technology, '99 .			200							16-7
May 22.	Dean Academy		60					1.0	*		4-7

Percentage of games won, 72.7.



The M. I. T. Tennis Association was formed in the fall of 1895, to encourage the game of Tennis at the Institute, and to promote outdoor exercise. In the spring of 1896 courts were laid out on the lot next to the Architectural Building, which were maintained until the beginning of work on the new building. To take the place of these, the Association now expects to obtain permission to use the space between Walker and Rogers for this purpose. Two tournaments are held annually.

Officers.

President.
GERALD BASIL STREET, '99.

Vice President.
HAROLD OSGOOD AYER, '99.

Secretary-Treasurer. STEPHEN BADLAM, '00.

Executive Committee.

CHARLES BURTON GILLSON, '99.

HERBERT HOLMES HOWE, '00.

Members.

D. G. ABEEL, '99.

R. ALLYN, '98.

R. P. Anderson, '99.

H. O. AYER, '99.

S. BADLAM, '00.

M. BARNEY, '00.

E. B. BAUMANN, '97.

W. R. BEAN, '99.

F. M. BLAKE, '98.

P. R. BROOKS, '00.

G. P. Burch, '99.

R. H. CLARY, '00.

J. E. CONGDON, '99.

G. I. COPP, '99.

N. L. DANFORTH, '01.

A. C. DART, JR., '00.

R. S. DE GOLYER, '98.

A. B. FOOTE, '99.

M. B. FOSTER, 'OI.

C. B. GILLSON, '99.

R. GILPIN, '99.

J. T. F. GLADDING, '99.

F. W. Howe.

H. H. Howe, '00.

V. R. Lansingh, '98.

A. F. NATHAN, JR., '99.

W. PALMER, '99.

C. H. PEASE, '98.

G. M. RICHMOND, '99.

H. H. RIDDLE, '99.

L. W. RIDDLE, '99.

L. W. KIDDLE, 99.

E. W. RITCHIE, '98.

G. B. STREET, '99.

G. W. TREAT, '98. E. G. THATCHER, '01.

E. G. THATCHER, OF

E. A. WEIMER, '98.

C.-E. A. Winslow, '98.

F. W. WITHERELL, '00.

M. WEEKS, '99.



The Technology Gun Club was organized in November, 1896. During the following winter and spring the Club held a number of shoots at Belmont, and at the grounds of the Harvard Shooting Club. During the past winter a series of prize shoots has been held, one each week. Contests with the Harvard Gun Club have been arranged for, to take place during the coming season. The object of the Club is to encourage trap shooting in the Institute, with a view of entering into Intercollegiate competition.

Officers.

President.

WALTER OWEN ADAMS.

Vice President and Field Manager.

STUART BERWICK MILLER.

Secretary and Treasurer.

ALBERT FRANKLIN NATHAN, JR.

Members.

WALTER OWEN ADAMS. LANE JOHNSON. HENRY KIMBERLY BABCOCK. WILLIAM ABBOT KINSMAN. GUY PRENTISS BURCH. JOHN ELIOT LE BOSQUET. PAUL HOLMES DELANO. SILAS CLARENCE MERRICK. HENRY CHARLES EATON. STUART BERWICK MILLER. EARLE CALDWELL EMERY. ALBERT FRANKLIN NATHAN, JR. FRANK WARREN EVERETT. GEORGE HEYWOOD PRIEST. ARTHUR LITTLE HAMILTON. HOMER EARLE SARGEANT, IR. CHARLES ASHLEY HARDY. MILES STANDISH SHERRILL. WALTER HIBBARD HINMAN. THOMAS EDDY TALLMADGE.

THEODORE CALVIN TUCK.



The Technology Wheelmen organized May 13, 1896. The object of the club is to promote the general interests of the sport of cycling, and to secure for its members all reasonable privileges, and protect them in the same. Any person connected with the Institute is eligible to membership.

Runs are frequently made to various places in the neighborhood of Boston, and in some cases have been extended as far as Worcester.

Officers.

President.

PAUL F. JOHNSON, '98.

Vice President.

Secretary and Treasurer.

GEORGE H. BOOTH, '98.

HENRY H. SULLIVAN.

Captain.

CHARLES W. PENDELL, '98.

First Licutenant.
Frank D. Chase, 1900.

Second Lieutenant.

ALBERT R. SHEDD, '98.

Members.

ROBERT ALLYN.
G. H. BOOTH.
J. S. BRONSON.
W. BREWSTER.
H. L. COBURN.
F. D. CHASE.
E. M. CURTIS.
R. H. DANFORTH.
DWIGHT FARNUM.
F. L. HAYDEN.
P. F. JOHNSON.
C. F. JOHNSON.
A. LOOMIS.
O. G. LUYTIES.

D. MAYER.
J. W. McIntosh.
W. Palmer.
C. II. Pease.

H. C. MARCUS.

C. W. PENDELL. S. S. PHILBRICK.

J. C. RILEY. W. A. ROBINSON.

N. E. Seavey.

A. W. Shaw.

A. R. SHEDD. C. H. SMITH.

L. S. STRENG.

H. H. SULLIVAN.



HARE AND HOUND CLUB

The Hare and Hound Club was organized November 14, 1896, with the double object of training runners for the 'Varsity Track team, and taking advantage of the sport and exercise afforded by the runs. All students of the Institute are eligible for membership. Runs are held in the suburbs of Boston once every week, or as nearly so as possible, and vary in length from four to eight miles. The course is known only to the hares, and is usually planned to include swimming a river, or some other interesting feature. In the spring, at the close of the running season, a handicap cross-country run is held over a certified course, for which first, second, and third prizes, and also a time prize, are awarded.

Officers.

Captain.
H. L. Morse, '99.

Secretary-Treasurer.
G. C. Winslow, Ir.

Members.

R. W. BALCOM, 'OO.	G. W. EMERY, 'OO.	H. L. Morse, '99.
J. H. BATCHELLER, '00.	C. F. Gauss, 'oo.	H. D. Osgood, '98.
H. L. BODWELL, '98.	C. B. GILLSON, '99.	D. M. PRAY, '99.
H. A. B. CAMPBELL, '99.	M. W. HALL, '00.	C. A. RICHARDSON, '01.
W. T. CANNON, '99.	W. H. Hubbard, 'co.	E. W. RITCHIE, '98.
J. K. CLARK, '99	B. R. Johnson, 'oo.	E. F. Samuels, '99.
M. DAVENPORT, 'OO.	C. M. LEONARD, '00.	М. Н. Ѕмітн, '99.
W. A. Dory, '00.	H. LITTLEFIELD, '00.	J. STONE, JR., '99.
H. R. Dunbar, 'oo.	G. MAGEE, JR., '99.	R. SUTER, '00.
G. D. EMERSON, 'OI.	D. E. MAXFIELD, '00.	G. C. Winslow, Jr., '99-

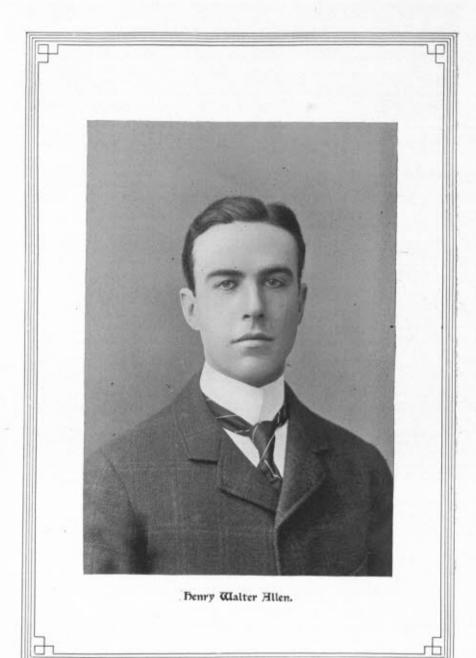
hare and hound Runs.

February 27, 1897, from Wellesley. Course, 6 miles.
March 13, 1897, from Chestnut Hill. Course, 6 miles.
March 27, 1897, from Riverside. Course, 6 miles.
April 24, 1897, from Arlington. Course, 8 miles.
October 9, 1897, from Riverside. Course, 6 miles.
October 16, 1897, from Chestnut Hill. Course, 5 miles.
October 23, 1897, from Milton. Course, 4 miles.
December 11, 1897, from Wellesley Hills. Course, 7 miles.
December 18, 1897, from Wellesley Hills. Course, 7 miles.

Bandicap Run, April 24, 1897.

Arlington. Course, 8 miles.

	_		
PPIZES.		HANDICAP.	TIME.
First.	W. E. REED, '97	(5 min.)	1 hr. 8 min. 47 sec.
Second.	E. P. Osgood, '97		1 hr. 9 min. 30 sec.
Third and Time.	H. A. B. CAMPBELL, '93	(scratch)	1 hr. 9 min. 30 2-5 sec.
Fourth.	H. B. Mayhew, 'oo		1 hr. 9 min. 47 sec.



henry Walter Hllen.

Henry Walter Allen, whose sudden death a few days after his graduation last year caused such a shock of grief and surprise to the hearts of his classmates and those who knew him, was born in Boston, October 5, 1875. His record as a member of the Class of '97, throughout his course of study at the Institute, is virtually a history of that class. It is a record replete with honors in scholarship, as well as in those more or less outside affairs peculiar to the life of the undergraduate at the Institute.

While we are chiefly interested in the work which he, as an undergraduate, so successfully accomplished, and in the prominence which he so notably succeeded in obtaining here at the Institute, it is of interest to learn that Allen held an equally high position among his schoolmates during his preparatory course. He attended the Hyde Park Grammar School, graduating at the head of his class in the spring of 1890, and was its valedictorian. His entrance into the high school at Chauncy Hall, in the fall, was marked by a change in the spirit of all those affairs, either of class or of school, into which he threw his will In less than three months he was chosen president of his Athletics, under his influence, very soon underwent a complete reorganization, and it was almost wholly due to Allen that the school was induced to join the Interscholastic League. Nor was his success confined to athletics and sport. In his studies he was equally prominent, winning gold medals for proficiency in Mathematics, in English Composition, and for general scholarship. In military drill his correct observance of details early won for him a medal for excellence, and in his last year at Chauncy he was captain of the prize company.

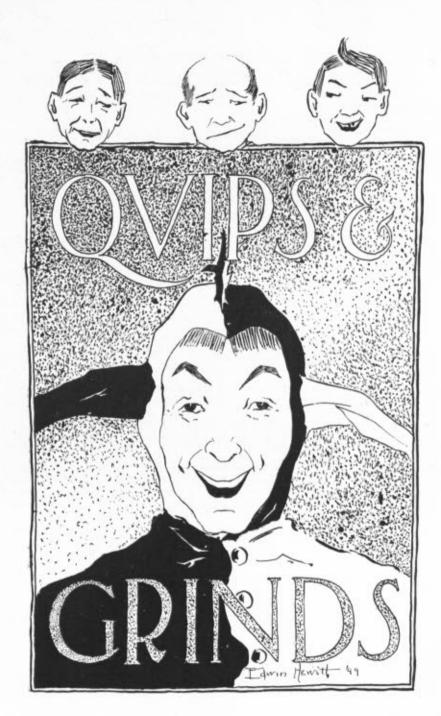
In the fall of '93 Allen entered the Institute of Technology, without condition. Here he was immediately brought into prominence by those qualities which had made him so successful at Chauncy Hall. As a tribute to his executive ability and popularity he was elected president of his class, and later he had an opportunity to use these qualities as chairman of the Cane Rush Committee. He was also a well-chosen chief of the Mandaman Club, and a cadet captain in the '97 battalion. In the latter connection his name was inscribed in the Army Register of the United States as one of "the three most distinguished students in Military Science and Tactics" of the graduating class.

A re-election to the class presidency in his Sophomore year came as a sincere compliment to the administrative abilities which he had shown. These were again clearly demonstrated by a most energetic organization of his classmates for the Cane Rush of that year, which, in consequence, resulted in a victory for '97. In athletics, the development of his early interest was recognized by his election to the vice presidency of the Technology Athletic Club; a position as member of the '97 Technique Electoral Committee followed, as another honor.

His Junior year found Allen no less popular and influential. During this time he was vice president of the Technology Athletic Club, secretary-treasurer of the M. I. T. Football Association, referee of the Cane Rush, and chairman of the Junior Promenade Committee.

In his Senior year, perhaps the time of his greatest activity, Allen again found himself deluged with honors and offices. He was secretary of the New England Intercollegiate Athletic Association, president of the Technology Athletic Club, and a member of the Advisory Committee on He was deeply interested in the Republican parade, and in consequence of his ability as an organizer and tactician was appointed colonel of one of the Technology regiments. During this year he served again as referee of the Cane Rush, was a member of the Institute Committee, toastmaster at the Class Dinner, and pall-bearer at the funeral He was also a member of K2 S and of the of General Walker. Delta Psi fraternity. At the Class Day elections his continued services to the class, together with all those abilities which are inherent in a leader, secured for him the position of Second Marshal, in which capacity he served on Class Day. In this position he also acted as treasurer of the Class Day Committee. On June 8, 1897, Allen graduated with honor from the Course in Chemical Engineering with the degree of S.B.

About ten days after graduation he was taken ill; successively erysipelas, typhoid, and pneumonia set in, and he died July 2, 1897. His life and character show us the fruits, in work done and respect obtained, of an unselfish and honest disposition. His will was one which was master of circumstances. His conscience caused him to regard an office as a trust, which permitted no shirking. His entire character was peculiarly Christian in its love for his fellow-men, and all may find in him a noble example of student manhood.





Grinds.

ome one and alle, come man and boye,

Hnd eke ye ladye bleste,

Hnd gette ye mouthes in goode employe,
for rype and mellowe jeste.

for whyle ye alle do stande aboute,
'Twille be ye aimme of hoste

To serve ye eache, both thinne and stoute,
fulle manie savorie roaste.



H Difference of Opinion.

Mr. C. B-rn-rd (to Br-wn, '99): "Parlez-vous français?"
Br-wn: "Oui, monsieur."
Mr. B-rn-rd: "Ah, I see you have not yet learned how to use the negative."

That's What the Book Says, Hnyway.

Dr. Sk-nn-r: "Mr. H-pg--d, show how to derive the equation of a paraboloid." H-pg--D, '99 (writing equation on the board): "The equation of the paraboloid is



The rest of the explanation is left to the student." (Takes his seat.)



There Hre Others.

Of H-r-ld Ay-r, the tennis fiend, With legs so long and stalky, They say 'tis not for beer alone He loves dear old Milwaukee.

His friends all think, from flunks he's got, And letters he's been writing. That very soon there'll be a case Of a Course V. man uniting.

H New Kind of Glass.

Professor Cr-ss: "The three media which Young used in this experiment were three kinds of glass,—crown glass, flint glass, and oil of sassafras."

While Waiting for Brown.

SOPH. (jeeringly to Freshman in the ranks): "You better go home and get your bottle."

BOLD, BAD FRESHMAN (from Kentucky, pulling out pocket flask): "I have it with me."



D20?

The Snow is full of moisture,—
Not water, that is clear;
For if you'd cut him open,
You'd find him full of beer.

The Proverb Didn't Hpply.

PROFESSOR VAN D--LL: "Haven't you your book here, Mr. C-rt-s?"

C-RT-s, '98: "Naw! I left my door open and somebody swiped it. I'll keep the door locked after this."

PROFESSOR VAN D--LL: "That will be a case of locking the door after the horse is stolen,"

C-RT-s: "Oh no! I have the horse yet."

Our Aseful (?) Studies.

In Thermodynamics are equations galore,
And each one is used to deduce a few more.
Once a Course X. Junior, whose "gab rod" was loose,
In disgust asked the Prof., "Have they no other use?"
But the Prof. knew quite well it was only a bluff,
And asked in surprise, "Don't you think that's enough?"

PROFESSOR D-w-Y: "Overseers of the poor are very careful not to receive paupers from other towns—as, doubtless, some of you are aware."

Is this why our Reports are so Late?

PROFESSOR CL-FF-RD (in second-year "Theoret"): "I think we had better have the text on Thursday. The Secretary has notified me that he would like to have the marks in by that time, and I always like to give them to him as soon afterwards as is convenient."

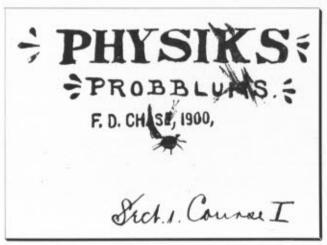
"English as She is Spoke."

MR. BL-CHST--N: "What means in English 'Ich bin es'?"
G-LDTHW--T-, '00: "It is me."

MR. BL-CHST- -N: "I said in English."

"English as She is Wrote."

Do we need a chair in orthography?



Captured from a Sophomore's notebook,

Professor P-p-: "There are two ways of making ice. One is by the ammonia process; the other is to cut it."

Professor F--NC-: "I'll ask you to copy the second method I put on the board. I probably won't put the first one on at all."

Nothing; they're not Drawing Instruments.

FRESHMAN (on opening day): "How much do they charge for all these papers and things?"

Ht the Shop.

MR. M-RR-CK (giving instruction in nailing): "You must always set the nails in about an eighth of an inch, so if you want to plane or chisel the piece afterwards you won't injure the nails."

Machine Tools.



" Hand Feed."

PROFESSOR S-DG-W-CK: "It's called a dot because dot's what it is."

MISS F-RR-ST, '98: "Professor N-l-s, what is the character of the land in the vicinity of Boston?"

PROFESSOR N-L-S: "Well, I know of a very dense forest not far from here."

H Suggestion.

I don't like Freehand Charlie, Although he's gay and festive, Because, you know, his talk is so Confoundedly "suggest"-ive.

how Nice!

W. S. N-w-ll, '99, translating, Ich wurde eingeführt: "I was set up-"

They Don't Count, Hnyway.

Professor Cr-ss (to '99 class in Industrial Electricity): "You may take the same seats you had in Physics last year."

STUDENT: " How about the fourth-year men?"

PROFESSOR CR-ss: "O, they may take the seats that are left."



freaks.

Of all the freaks at the Institute, 'Tis quite sad to relate, The freakiest freaks of all the freaks Are found in '98.

They've lost the best one that they had, The man with long black hair(s). The next best is the whiskered man, Whose name is M. V. Ay-rs.

There's Arn-ld, too, poor foolish boy, Who wants to learn to kill. He's coming back next year, they say, To take the Freshman drill.

And L-st-r G-rdn-r never would Get over his chagrin, If we should close this little rhyme And never mention him.

But should we mention all the freaks
'Twould be an awful task;
For, don't you see, we'd have to give
A list of all the class.

PREP. SCHOOL MAN (speaking of entrance exams.): "It's easy to get into Tech., isn't it?"

JUNIOR (with several conditions): "Yes, it's easy to get into any kind of trouble!"

H Necessary Precaution.

Professor L-nz-: "Gentlemen, I will place the Reduction Formula on the board, provided the class will promise not to applaud."

H Deculiar Ellipse.



F-wL-, '99 (in differential equations): "This equation is the equation of an ellipse, whose minor axis is twice its major axis."

Dr. Th-rp: "Owing to the introduction of refrigerating machines, ice will probably soon be used only in a few isolated places." PROFESSOR B-RT-N (to Tr--t, '98, who is trying to explain an astronomical phenomenon): "But you must remember that all this time the moon is revolving around the earth."

Tr- - t: "Yes, I know; but I can't help that."

Cas this Havice to the Co-eds?

Professor B-T-s: (speaking of sensational literature): "It is very easy to create a sensation. If a young lady at an evening party finds herself a wall flower, all she would have to do would be to get up and swear a good round, mouth-filling oath."

It is Probable that they Would.

Mr. BL-CHST--N: "This word has a double meaning,—a sort of a play on words. But you must not do that here, or they will put it in TECHNIQUE."—See '98 Technique.

In the Physical Library.



"Current literature."

"Mhat's in a Name?"

Tech. has a wonder rarely found,— Scarce one in many a billion: It is a Freshman green as grass, Who is, withal, Vermillion.

PROFESSOR (in Physics): "If you rub a piece of sealing wax with a silk handkerchief, you electrify both the silk and the handkerchief."

MR. D-RR (in telegraphy): "Mr. W--d, what is a repeater?"

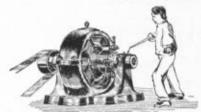
W--D, '99: "A repeater is an instrument-(long pause).

MR. D-RR: "Yes; that's right so far."

You Can't Blame Bim.

FL-NN, '99 (in valve gears, after figuring for half an hour): " Professor M-ll-r, will you please tell me what I'm trying to prove?"

he Surely Masn't Hngry, Mas he?



Professor Cl-ff-rd (in Theoretical Electricity): "Now, as you will readily see, if we allow for these corrections, the corrected formula for the tangent galvanometer will be:—

$$\mathrm{I} = \frac{\mathrm{10~H}}{\mathrm{G}}~\tan\theta~\left(\mathrm{I}~+~\frac{\mathrm{I}}{2}~\frac{b^2}{r^2} - \frac{\mathrm{I}}{3}~\frac{d^2}{r^2}\right)\left(\mathrm{I}~-~\frac{3~l^2}{4~r^2} + \frac{\mathrm{I}5~l^2}{4~r^2}\sin^2\theta\right)\left(\mathrm{I}~+~\frac{\mathrm{K}~\theta}{\sin~\theta}\right)$$

Are there any questions?"

STUDENT: "Are these corrections used in practical work?"

Professor Cl-ff-rd: "That depends altogether on what you mean by practical work. The so called practical work is often most impractical. In fact, the average electrical engineer is nothing more than a combination of a pole climber and a commutator filer; a man who knows just about enough to carry around an oil can, and to be able to tell the positive pole of a dynamo from the negative. And, by the way, I may as well say right here, that if you ever have occasion to use acoustic instruments, the best are made by König, of Paris."



H New Version.

- "Where are you going, my pretty Co-ed?"
- "To get a degree, kind sir," she said.
- "Can I go with you, my pretty Co-ed?"
- "You may, but I doubt if you can," she said.

W-s-, 1900 (translating): "Der Esel mit der Salzlast"—"The eagle with the glass eye."

By the Method of Least Squares?

MR, D-RR (in Telegraphy): "Why the line is kept idle when it is not in use I will explain later."

Valve Gears.



Our Kindergarten.

Mr. BL-DG-T (in Railroad Signals): "A head-end collision is when two trains, going in opposite directions, try to pass on the same track and do not succeed."

Voice (from rear of room): "Papa, what's a train?"

Sw-FT, '99 (in Thermo.): "What kind of a valve gear is used on the Carnot engine, Professor?"

FIRST JUNIOR: "We have an awful old freak in Pol. Econ." SECOND JUNIOR: "Do we (D-w-y)?"

Mr. M-Nr- (after some preliminary conversation to Dr. Bill R--t, '96, assistant in Gas Analysis): "What would you charge to analyze this sample of coal?"

DR. BILL R--T: "My regular price is a hundred dollars, but as you are connected with the Institute, I'll do it for twenty-five. Of course, you understand that I am the recognized authority on coal, and therefore my report would carry the greatest weight."



Hrlo's fruit.

That Arlo's fond of Boston food Quite easily is seen. No matter where he ever was, He says that he had "beeen."

found in the Corridor.

See we	STATE CLEARLY WHAT AND GIVE REASONS	
Sul	Boston,	189
To the Fa	culty:	
	Gentlemen:	
		I respectfully petition
N	our honora	ble board
th	et 9. Jerema	h Colman Jr.
Lorenda lor	allowed	to take my
a	gebra with	section 13
i i	istead of.	section 14. 8
n perfore	in will n	rake my of
		convenient
3 01	d will h	ut me in
10		here I have
A Petitie	friend.	
	Respectfully yours,	
	Jarama	ah Colman Ir
First	Year.	course X
,	Instructor	
	*To be specified whenever the petition rel	lates to particular courses.

Oh, no! That's Hnother Sort of Beam.

H-ML-N, '99 (watching the beam of light from a mirror galvanometer in the Phys. Lab. swinging back and forth): "O, is that that deflection of beams experiment every-body says is such a soak?"

Thy not try this?



"More light is needed on this subject"—Notes on Friction, also Applied Mechanics, pages 1 to 930.

Dr. D-w-y (in Finance, laying two nickels, a dime and three pennies on the desk): "Now, gentlemen, here is my cash balance."

O. I Don't Know.

Professor CL-FF-RD: "Hence the absolute zero is —273.7 degrees, Centigrade."

"A. F. N-TH-N, '99 (sotto voce): "Not so warm."

Professor G--Dw-N (explaining a chronograph):

"If we-er-cause the drum to-er-revolve more slowly,
we can-er-ah-separate the marks nearer together."

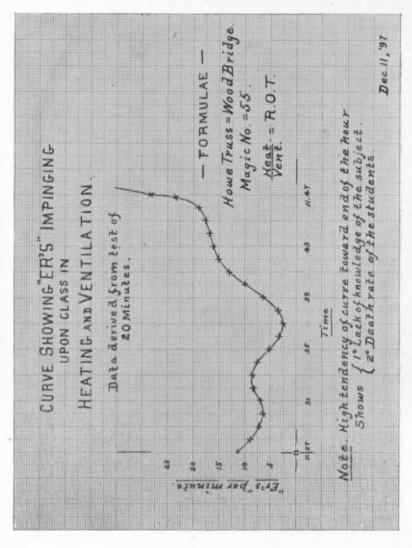
J-HNS-N, '99 (who has left a solution standing on his desk over night): "I wonder if this ———— solution is spoiled from standing in the light all night."

V-RM-LL--N, 'OI (at class meeting): "Can one man run for one office at the same time?"



"Co er(r) is human."

PROF. W.-DBR-DG-: "Gentlemen, I er-er-."



Entered at the Post-Office as no matter.

PUBLISHED ONCE IN A WHILE.

Vol. XIII. No. 1899. BOSTON, FEBRUARY 30, 1898. PRICE, ONE DOLLAR.

The Officer Was Not to Blame.

YESTERDAY morning, while on his way

to the Institute, wearing a pair of golf trousers, Mr. L. D. G-rdn-r, '98, was stopped on the corner of Clarendon and Boylston Streets by policeman Timothy O'Hoolihan, who politely, but firmly, told him he must place him under arrest. Mr. G-rdn-r was greatly surprised, and indignantly demanded an explanation, but the officer refused to make any statements until they should reach the station. Mr. G-rdn-r is one of Technology's swiftest stu-

dents, and might easily have outrun the officer, but he deemed it more dignified to accompany him to the station. The patrol wagon was quickly called, and after a short ride L-st-r soon found himself before Justice Blank at Station No. 16. Here Officer O'Hoolihan explained that he had arrested Mr. G-rdn-r as a vagrant, as he had, apparently, no visible means of support. After a microscopic examination, however, Justice Blank dismissed Mr. G-rdn-r, apologizing for the mistake, but stating that under the circumstances the officer was not to blame. Anyone wishing a pair of golf trousers should consult Mr. G-rdn-r's ad. in another column.

THE Physical Laboratory was yesterday morning the scene of an accident, which, but for the presence of mind of Prof. G--dw-n, might have proved quite

serious. Mr. M. V. Ay-rs, '9S, was engaged in experimenting with the apparatus for determining the latent heat of steam, when a portion of his beard became entangled in the rotating parts of the electric motor driving the stirrer. His cries at once brought Dr. G--dw-n, who, by vigorous use of scissors and axe, succeeded in releasing him. Barring the loss of a considerable portion of the pride of his heart, Mr. Ay-rs suffered but little damage,

and will probably be able to resume his work in the near future.



It is with great regret that we announce the withdrawal from the Institute in the near future of Mr. G. I. C-pp, '99. Mr. C-pp has accepted a position as coachman to the Earl of Poolroomia, of Chapelshire, (New) Brunswick, and expects to sail for that place as soon as he can bring his "side boards," which he has been growing in anticipation of the position, to a suitable state of perfection. We feel sure all of our readers will join us in wishing Mr. C-pp the best of success in his new vocation.

No More Over-Sleeping.

Conderful Invention of a Course VI. Man.

Early Rising Made Easy.



Scene 1. Time, 8 hours, 29 minutes, 59 4-5 SECONDS, A. M.



SCENE 2. TIME, S.30 A. M.

WE take great pleasure in presenting to our readers the above cuts, illustrating the operation of a new alarm clock invented by Mr. A. W. Pr-ct-r, Course VI, '99. Considering the wonderful development which has been made in electricity in recent years, we are not surprised at the many inventions which the application of this mysterious something has made possible. Even in this age of wonders, however, the invention of Mr. Pr-ct-r is remarkable for the ingenuity with which the principles of mechanics and electricity are combined, and its great utility gives it a rank second in importance only to the telephone or the steam engine. It was only with the greatest difficulty that we obtained a description of this apparatus, as, prior to the issue of his patents, Mr. Pr-ct-r is guarding his invention with the greatest care, and has even gone so far as to discontinue its use, preferring rather the risk of indigestion from hasty breakfasts than the chance of its appearance in Technique.

for Sale.

Thirteen dozen secondhand neckties, all styles; worn only a few times. Address, M-NT-- SM-TH,

Cage.

for Sale Cheap.

One pair of golf trousers, waist measure twenty-five inches; made in London. Apply to L. D. G-RDN-R,

Cage.

Institute Stables.

C. R-SSM-SL-R, 1900 PROPRIETOR.

FRENCH AND GERMAN HORSES

for Riding or Driving,

ANY HOUR OF DAY OR NIGHT.

Prices Reasonable.

Telephone Connections.

Locals.

It is rumored that the new building will contain a toy room fitted especially for the accommodation of Professor L-nz-. The room will be on the fifth floor, and will contain a large collection of playtoys. The professor has been several years making this collection. It embraces toy engines, air ships, windmills, and other ingenious mechanical toys, besides tin soldiers, rag dolls, iron carts, and a large hobby horse. The last-named article is a special pet of the professor's, and he has named it "Beam Theory." It is expected that much of his spare time will be spent in riding it.

燎

Yesterday while the Course VI. men were at work in Room 20, engineering, a disturbance was heard in the Third-year Architects' drawing room. The Electricals hastened to ascertain the cause, but found that there was nothing unusual,—B-ns-n, '99, was talking.

瘀

An interesting feature of the trips made by the Glee, Banjo and Mandolin Clubs is the frolic which occurs after every concert. The boys have just returned from Portland, Me., where they report an unusually jolly time. Having been forbidden the use of intoxicating liquors, these musical men pass their time in making life miserable for other mortals. The hotel where they stopped while at Portland is a wreck, and the landlord wants to know who is going to pay the damages. The News believes that the effects of intoxicating liquors are not as bad as those of rain water.

Some Borrowed Wit.

Tom.—"Why is such-and-such a fellow like so-and-so?"

DICK -" Because which is who."

-The Tech.

Book Notice.

MILITARY LIFE AT TECHNOLOGY; or,

How I BECAME QUARTERMASTER.

BY

L-M-N ARN-LD, '98.

Quarto, calf. Maps and illustrations by Corporal B--l-y, '99. Ridler, \$13.13. A most interesting little book of nearly a thousand pages, full of hairbreadth escapes and stirring adventures. The book is an authentic account of the personal adventures of Mr. Arn-ld during his four years' service in the Technology army, and is doubly interesting from the fact that it is strictly true. This work fills a long-felt want, and should find a ready sale among Freshmen.

煙

The Class of '98 recently received a bill from the Exchange Club for spoons, wine glasses, etc., taken by members of the class as souvenirs of their Senior Dinner. The bill also contained one or two other items, which we refrain from publishing, and ended with the statement that no charge had been made for extra trouble. Evidently there was "a hot time in the old town" that night.

Notices.

GUN CLUB SHOOT.

All members of the Gun Club are requested to be on hand this afternoon to shoot the chutes.

炝

Wanted: A Turkish bath.—E. H-rb-rt,



Lost.—A part of my good opinion of myself. Liberal reward for return of same to D. M-y-r, '9S. B. E. M-rs-, P-ck-rd, and G-ldthw--t-, all of '99, have been "called down" twentythree times this term for making disturbances in the class room.

炒

In studying Electrical Measuring Instruments the "Laws" command you to "give your attention to the front of the room."

塘

At the Freshmen drill, May 20th, there will not be room for the upper classmen—if the ladies whom F. B. W-bst-r has been inviting for the last two months all show up.

炒

It is announced that the question for discussion at the next meeting of the Debating Society is, "Resolved, That the Class of 1900 discontinue the use of milk bottles, resigning the same to 1901." The speakers will be: for the negative, Messrs, M. W. H-ll, '00, and P. R. Br--ks, '00; affirmative, J. S. Br-ns-n, '01, and R. B. Cl-rk, '01.

糖

It is said that the apparatus of the Co-ed's gymnasium, which is to be a feature of the new building, will be kept in repair. Time alone can tell.

妨

How doth our little Charlie Cr-ss Improve each shining week? By springing jokes from day to day To publish in Technique.

The Tech Bakery.

CRUST A SPECIALTY.

Fresh Every Hour.

M. D-v-NP-RT, 'oo, Prop. and Mgr.

Do You Ride?

I HAVE WHEELS

Of All Makes and Descriptions. & &

NEW AND SECONDHAND.

J. T. Sc-LL-, 'ot.

Cutoring

In All Branches of Chapel Studies.

Long Experience.

Recommended by the Faculty.

W. L. M-RR-S, '99.

...Tce...

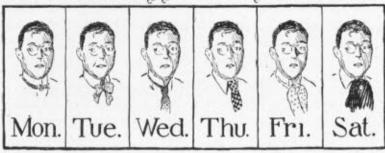
Hotels, restaurants, and families supplied. We cut large quantities daily, and can promptly fill large or small orders.

BR-SH & B-YD, 'OI,

Rogers Steps.

Office Hours, 9 A. M. to 4 P. M.

The Technology Weekly Calender.



TIME TOLD BY MONTIE'S TIES.

Montie's ties are great in number, And they just the same as speak, For their regular succession Designates the day of week.

Any Tech. man who is rattled, And cannot recall the day, May at once correct his memory If he's passing Montie's way.

On Monday he wears a small, reddish bow, Which does not conceal the shirtfront below.

On Tuesday his taste we cannot but revile; 'Tis a negligée tie with a negligée smile.

On Wednesday a four-in-hand festoons his neck; It's pattern in general is red and green check.

On Thursday, oh heavens! a four-in-hand, too, But worse, and more of it, in size and in hue.

On Friday, the end of the week drawing near, In a light, speckled puff he is sure to appear.

On Saturday, last, but by no means the least, To an Ascot tremendous his tie has increased.

Some of us have scoffed at Montie, Mocked his walk, his talk, his scowl; Vowed his glasses made his eyes look Like the blinkers of an owl.

But we all will now acknowledge He's a blessing in disguise, And hereafter reckon data By the aid of Montie's ties. PROFESSOR CR-ss: "Under these circumstances the piston will rise to a height of 144 square inches."

Captain B-g-L-w (to class of 1900, at their last drill): "Gentlemen, I am very much pleased with your suc-er-progress this year. You now know more than when you began."

No, Not Quite, but -

Freshman (to fair visitor whom he is showing around the Institute, pointing out Mr. P. -rc-, Curator of the Lowell Institute): "Oh, there's our new President!"



This is Easy.



PROFESSOR CR-ss: "Sometimes the band was seen double and sometimes single. Now, how can we explain this?"

"Perfect Gas."

PROFESSOR Sw--N (in Structures): "If you do not know the column formula, you are not well posted."

Mr. BL-dg-tt (as B-rg-n, '98, and Ay-rs, '98, enter class room forty-five minutes late): "Gentlemen, I feel highly complimented by your kind appreciation."

The Can Hil Tell a 'Phone.

PROFESSOR (in Telephone Engineering, holding up telephone receiver): "I don't think there is any use in describing this instrument, gentlemen; it speaks for itself."



STEN, listen to my story,

How a Senior vain

Wore his silk hat to the opera,

And was caught there in the rain.

Should he let that new hat suffer?
Perish every thought of that!
Of his coat he quick bethought him,
And he wrapped it round the hat.

Saved, alas! but for another; May it grace a wiser head. Swift pneumonia: sigh, O classmates, For, alas! that Senior's dead.



O'LEARY, '99 (translating): "Ein Käfer auf dem Jaune sasz, summ, summ." "A cheesemaker sat on the hedge, zum, zum!"

Professor D-pp-ld: "That translation should go down to posterity."

H One-page Theme.

A Freshman, partially saturated with various admixtures of alcoholic reagents, wandered one afternoon in a sorrowful mood up the staircases of Rogers under the impression that he was riding home on his safety. He turned toward the General Library, entered, and started to retire on one of the reading tables. As he was preparing himself for this studious operation, his eye (the only one then in active service) fell upon the case of busts used by Professor R-pl-y in the witching study of Anthropology. As the victim gazed at the many hued images glaring at him through their closed evelids, he felt that at last he had had one bust too many. Indeed, as he looked, his jaw began to droop, and his hair commenced to rise. One peep was enough. Quickly grabbing for his coat, he exclaimed in despair, "Hic! Jacket!" and turning fled, he knew not whither, down the stairs. He fell quicker than a Soph, can drop from a C to an F in Physics, and landed in the hall below, where a Freshman class meeting was in session. He was welcomed eagerly, for he made just a quorum. Feeling that the usual pledge-signing act was in order, he walked boldly, though unsteadily, to the altar and placed his signature at the bottom of the class constitution. Then realizing his fatal mistake, he plunged wildly from the window, went in the front door and shook hands with the Secretary, and then joined the Y. M. C. A.

Conclusion: this student studied Military Science.

Q. E. D.

Echoes from a Recitation in Structures.

Professor Sw--n: "Use your common sense." . . . "Not one person in a hundred has common sense, but that's what you've got to use." . . . "You've made a fool of yourself twice." . . . "Use your gumption." . . . "Did you pass in Physics?" . . . "You don't know how to think." . . . "Any one who can't answer that question (one on which every man in the section has failed) is decidedly lacking in common sense." . . "Do you mean to make such a statement as that in cold blood?" . . . (About ten minutes after the hour is over), "I am sorry, gentlemen, but as you have a lecture the next hour I am afraid I shall have to dismiss you."

Don't Blow Out the Gas.

PROFESSOR CR-ss: "At this time the General Electric Company was striving to put out lamps as fast as possible."

Hek W-bet-r.

"Scribner's" locates Wells College in Aurora, N. Y. A little "freshie" wants to know if Wells' College Algebra is published there.

he Must have Been There himself.

G-LP-N, '99 (translating): "Anton sass ihr selig gegenüber." "Anton sat blissfully face to face with her."

P--Rc-, '99, XIII. (when the Course II. men of the section have announced an excursion to some East Boston shops just before the next recitation): "Mr. Bl-ckst--n, it took us last year nearly four hours to visit those shops, so I don't see how the Course II. men are going to get back in time for German recitation."

Mr. BL-CKST--N: "Well, you know, Mr. P--rc-, that Course XIII. always was a little slow."

Say It Hgain; I Like It.

W-LLS, '99 (after being cross-questioned in "Applied"): "Isn't that what I said at first?"

PROFESSOR S-ND-R-CK-R: "Yes; but I wanted you to say it again."

Professor D-w-Y: "The judge on the bench is just as much a producer as the man making shoes, or growing corn(s)."

Professor Sw--n: "I am always glad to see young men improve. Now you, Mr. H-nd-rs-n, have made a fool of yourself twice during this recitation; but I am glad of it, as it shows what grand field you have for improvement."

One On The "Applied."

Professor CL-ff-rd: "You will find this matter discussed in any work on Mechanics that is of any account at all. Of course, I don't mean the Applied Mechanics."

PROFESSOR R-PL-Y (lecturing on Railroads): "You might as well put on a little load; it doesn't add much to the expense."

Professor L-Nz- (at beginning of lecture): "Gentlemen, the mathematical machine is now wound up; all that is necessary is to let her grind."

Political Economy and Economic Problems.

- a. What is the Time Value lost in waiting for the Bursar?
 Also, discuss the value of a man's bank account before and after the visit.
 - b. A box of filter papers, sold at the manufacturer's for 5.2 cents, costs 90 cents at the Tech. supply room. Explain with reference to Place Value.
 - c. Explain in the consideration of Form Value the increased Face Value of H. W. T-yl-r since he has grown a beard.
- Discuss the Distribution of Wealth acquired by the sale of Freehand Ch-rl-'s Letter Plates at \$2.00. Apply the same to problem b in previous question.
- 3. "In love and liberty extravagance is economy," Discuss and explain.
- Discuss, with particular reference to Seignorage, Tolerance, and Debasement of Currency, the remark, "Happiness is the legal tender of the soul."
- 5. Should oats have a stable value?



Why the Sophomores laugh when Professor Cr-ss uses the lantern.

Song of the Junior Girl.

Some maidens are so fickle,
They like a score of men
To vow to them devotion
forever and again.
But I am very constant;
No changing heart is mine;
And yet I must acknowledge
I'm struck on '99.

Of course I hold with Shakespeare
There's o in a name;
But oh! a name that's o
Must rest unknown to fame.
Hnd men sans name or figure
Cut ice,—I don't opine;
But there are lots of others,
Hnd I've found '99.

In spite of all the Scriptures
I'm sure I'd never run
One little step that tired me
To find that '01.
I have enough to please me;
All others I decline;
I find it keeps me busy
To manage Ninety-nine.



Instructing Staff for the Year

1897 - 1898.

	St	ивје	CTS.						Professors,	Associate Professors,	Assistant Professors,	Instructors.	Assistants.	Total.	Lecturers.	Total.
Architecture				* :	100				2	1	1	1	0	5	5	10
BIOLOGY, ZOÖLOGY	r, E7	C.							1	0	I	3	2	7	3	10
CHEMISTRY			19						1	3	2	13	6	25	6	31
CIVIL ENGINEERIN	G				**	*		54	4	0	1	3	3	11	1	12
DRAWING AND DE	SCRI	PTI	VE G	SEOM	ETRY				0	I	0	5	1	7	0	7
ENGLISH, HISTORY	, AN	D P	OLIT	ICAL	SCIEN	CE			2	I	2	2	1	8	2	10
LANGUAGE					23			1	1	1	1	4	0	7	0	7
MATHEMATICS				100					4	0	4	3	0	11	0	11
MECHANIC ARTS									0	0	0	3	3	6	0	6
MECHANICAL ENGI	NEEP	RING	ANI	D API	LIED	MEG	HANI	CS	2	0	4	9	3	18	1	19
MILITARY TACTICS				6.7			14		1	0	0	0	0	1	0	1
MINERALOGY, GEO	LOGY	(, A)	ND C	GEOGI	RAPHY				1	0	2	0	1	4	0	4
MINING ENGINEER	ING	ANI	o Mi	ETAL	LURGY	7			I	1	1	0	1	4	0	4
NAVAL ARCHITECT	URE			40			14		1	0	0	1	0	2	0	2
PHYSICS AND ELEC	CTRIC	CAL	EN	GINER	RING		200		2	0	4	5	4	15	10	25
GYMNASTICS .									0	0	0	1	0	1	0	1
									_	-	-	-	-		-	
Total .	2								23	8	23	53	2.5	132	28	160

Summary of Graduates by Courses.

1868 - 1897.

YEAR.	Civil Engineering.	Mechanical Engineering.	Mining Engineering.	Architecture.	Chemistry.	Electrical Engineering.	Natural History or Biology,	Physics,	General Course,	Chemical Engineering.	Sanitary Engineering.	Geology.	Naval Architecture,	Total,
	urse I.	11.	III.	IV.	v.	VI.	VII.	VIII.	IX.	X.	XI.	XII.	XIII.	
1868	6	I	6	0	0	0	0	0	1	0	0	0	0	14
1869	2	2	0	0	1	0	0	0	0	0	0	0	0	5
1870	4	2	2	0	1	0	0	0	1	0	0	0	0	10
1871	8	2	5	0	2	0	0	0	0	0	O	0	0	17
1872	3	1	5	0	3	0	0	0	0	0	0	0	0	12
1873	12	2	3	1	7	0	0	0	1	0	0	0	0	26
1874	10	4	1	1	0	0	0	0	2	0	0	0	0	18
1875	10	7	6	1	1	0	0	1	2	0	O	0	0	28
1876	12	8	7	0	5	0	2	3	4	0	0	0	0	42*
1877	12	6	8	4	2	0	0	0	0	0	0	0	0	32
1878	8	2	2	3	3	0	0	0	1	0	0	0	0	19
1879	6	8	3	1	3	0	1	1	O	0	O	0	0	23
1880	3	0	3	0	1	0	0	0	1	0	0	0	0	8
1881	3	5	ó	3	8	0	1	0	2	0	0	0	0	28
1882	2	5	5	3	6	0	1	1	1	0	0	0	0	24
1883	3	7	5	1	3	0	0	0	O	0	0	0	0	19
1884	5	6	13	0	12	0	0	0	0	0	0	0	0	36
1885	4	6	8	2	4	2	0	0	1	0	0	0	0	27
1886	9	23	7	1	7	10	1	0	1	0	0	0	0	59
1887	10	17	8	1	9	8	1	1	3	0	0	0	O	58
1888	11	25	4	5	10	17	3	11	1	0	0	0	0	77
1889	15	23	5	3	8	17	1	1	2	0	0	0	0	7.5
1890	25	27	3	5	13	18	3	2	6	0	0	0	0	102
1891	18	26	4	6	1.1	23	3	3	1	7	0	1	0	103
1892	22	26	4	13	7	36	6	L	7	4	6	1	O	133
1893	25	30	5	2	8	41	2	0	6	8	O	2	O	129
1894	21	31	4	14	11	33	1	3	5	12	3	0	0	138
1895	25	30	3	15	14	33	0	2	4	11	4	0	5	144†
1896	25	34	10	2.4	16	48	3	3	7	7	4	3	5	188†
1897	25	40	7	16	20	33	2	3	7	12	4	I	9	179
Total,	344	406	152	125	196	319	31	26	67	6t	21	8	19	1,773
	1	Deduc	t nan	ies co	unted	twice		90	æ	2.4		1	1	

^{*}One graduate of Course of Metallurgy in 1876.

[†] Deducting names counted twice.

Location of Graduates.

United States.

Alabama				r is		2	χ,	6		7.6	3	Missouri	œ.		*5		- 4	0.4		85			11
California												Montana	÷										3
Colorado						31					28	Nebraska											4
Connecticu	ıt	13	,				2	ė	- 9		35	North Care	oli	na			-			\sim	*		9
North Dak	oti	a				245		ĸ.	9.4		2	Nevada .	٠		*:	4					*		1
South Dak												New Hamp											
Delaware											2	New Jersey	,				10	2	$ \cdot $		8		28
District of	C	olu	m!	oia				ò	67	j.	26	New Mexic	0		×		-	38					1
Florida .	×			-0.6			3.7				2	New York				ě,						ı,	190
Georgia						7					4	Ohio .											55
Illinois												Oregon .			K								2
Indiana .		40		100	100	100		6	60	1	14	Pennsylvar	nia	1	*				1	*:	*	- 20	109
											11	Rhode Isla	nd										45
Idaho .											2	Tennessee					1		4	2	*		1
Kansas .												Texas .					90		\sim		4.		2
Kentucky	٠.	4.5	9.			*			1,6		11	Utah			400			-					3
Louisiana											1	Vermont						-					10
Maine .											25	Virginia		*	10								10
Maryland		10				9.0			£.		9	Washingto	n	*	4.0					*			7
Massachus	ett	s						,			780	Wisconsin	,										9
Michigan											17	Wyoming											1
Minnesota												58 58											

foreign Countries.

Argentine	Re	pu	bli	C			1		1	Germany	9
Australia						4.5			1	Guatemala	I
Bavaria .						1		,	1	Hawaiian Islands	4
										Japan	
Brazil .						80		*	1	Korea	1
										Mexico	
Colon .									1	Scotland	2
England										South African Republic	I
France .				1.00					8	West Indies	2

Members of Instructing Staff who are M. I. C. Graduates.

				Total.				M	1. 1.	T. Graduates,					Percentage.
Professors			+	54			2			28	1				51.8
Instructors				53	\times		6		10	29					54-7
Assistants			3.5	25		*			er.	18					72.0
				-											
Instructing	St	aff	10	132		4		e E	4	75				O.	58.6

College Statistics.

Name.		Location. F	Pounded	d. President.	Stud'ts, Instr's.	Instr	's. Colors.	Annual.
ALBION	-	Albion, Mich.	1861	Rev. John P. Ashley, Ph.D.	358	25	Pink and Green,	Varivus.
AMHERST		Amherst, Mass.	1821	Merrill Edwards Gates,	373	120	Purple and White,	The Olio.
ARMOUR INSTITUTE	,	Chicago, III.	1892	F. W. Gunsaulus, D.D.	1100	9	Yellow and Black.	The Integral.
ATLANTA UNIVERSITY		Atlanta, Ga.	1869	Rev. Horace Bumstead, D.D.	300	77	Cardinal Red and Steel Gray,	
BARNARD	3.5	New York, N. Y.	1880	Emily James Smith, A.B., Dean.	230	34	Blue and White.	The Mortarboard.
BOSTON UNIVERSITY	0.5	Boston, Mass.	1860	William Fairfield Warren, LL.D.	1327	130	Scarlet and White.	The Hub.
Bowdon	*	Brunswick, Me.	1794	William De Witt Hyde, D.D.	383	30	White.	The Bugle.
BROWN UNIVERSITY		Providence, R. I.	1764	Rev. E. B. Andrews, D.D., LL D.	860	8	Brown and White,	Liber Brunensis.
BRYN MAWR	0.0	Bryn Mawr, Pa.	1880	M. Carey Thomas, Ph.D., LL.D.	312	41	Yellow and White.	The Lautern.
BUCHTEL	ै	Akron, Ohio,	1871	Rev. Ira A. Priest,	230	10	Navy Blue and Old Gold,	The Buchtel.
COLBY UNIVERSITY		Waterville, Me.	1820	Rev. Nathaniel Butler, D.D.	235	200	Gray.	Colby Oracle.
COLGATE UNIVERSITY		Hamilton, N. Y.	1820	George William Smith, A.B., LL.B., LL.D.		17	Orange and Maroon,	Salmagnudi.
COLLEGE OF WILLIAM AND MARY		. Williamsburg, Va.	1693	Lyon G. Tyler, M.A., LL.D.	101	13	Orange and White,	
COLORADO COLLEGE		. Colorado Springs, Colo,	1874	William F. Slocum, Jr., LL.D.	367	33	Yellow and Black,	The Collegian.
COLUMBIA UNIVERSITY	1	New York, N. Y.	1754	Seth Low, L.L.D.	2003	202	Light Blue and White.	The Columbian.
CORNELL UNIVERSITY		Ithaca, N. Y.	1865	Jacob Gould Schurman, D.Sc., LL.D.	1700	220	Carnelian and White,	The Cornellian.
DARTMOUTH		. Hanover, N. H.	1769	William Jewett Tucker.	631	25	Dark Green,	Argis.
DE PAUW UNIVERSITY		Greencastle, Ind.	1537	Rev. Hillary A. Gobin, D.D.	710	35	Old Gold.	Palladinm.
DICKINSON		. Carlisle, Pa.	1783	George Edward Reed: S.T.D., LL.D.	435	15	Red and White.	Microcosm.
D вект , , , , ,	0.5	, Springfield, Mo.	1873	Homer T, Fuller.	360	107	Scarlet and Gray,	Drury Mirror.
FISK UNIVERSITY		Nashville, Tenn,	1866	Rev. Erastus Milo Cravath, D.D.	458	95	Blue and Gold.	
FRANKLIN AND MARSHALL.		Lancaster, Pa.	1853	John S. Stahr, Ph.D., D.D.	178	13	White and Blue.	Origamme.
GIRARD	8	. Philadelphia, Pa.	1832	A. H. Felterolf, Ph.D., LL.D.	1510	8	Steel and Garnet,	
HAMILTON		Clinton, N. Y.	1812		160	20	Blue and Buff.	Hamiltonian.
HARVARD UNIVERSITY	•	. Cambridge, Mass.	1636	Charles William Eliot, LL.D.	3821	398	Crimson,	
Hobart	-	Geneva, N. Y.	1825	Rev. Robert Ellis Jones, A.B.	66	19	Orange and Royal Purple.	Echo of the Seneca
Iowa	Ē	. Grinnell, Iowa.	1848	Rev. George A. Gates, D.D.	200	30	Scarlet and Black.	The Cyclone.
JOHNS HOPKINS UNIVERSITY .	*	Baltimore, Md.	1876	Daniel C. Gilman, LL.D.	570	100	Black and Blue,	The Hullabaloo.
LAFAYETTE		. Easton, Pa.	1826	Ethelbert D. Warfield, L.L. D.	311	38	Maroon and White.	The Melange.
LEHIGH UNIVERSITY		. South Bethlehem, Pa.	1866	Thomas Messinger Drown, LL.D.	350	40	Brown and White.	Epitome.
LELAND STANFORD JR., UNIVERSIT	TLA	, Stanford University, Cal.	1891	David Starr Jordan.	1225	8	Cardinal Red.	Stanford Quad.
MAINE STATE COLLEGE		. Orono, Me.	1865	A. W. Harris, Sc.D.	314	34	Light Blue.	The Prism.
MARIETTA		. Marietta, Ohio.	1835	J. H. Chamberlin, Ph.D., Dean.	248	2	Blue and White,	Marietta Col. Olic
MASS. INSTITUTE OF TECHNOLOGY	-	. Boston, Mass.	1865	James M. Crafts, S.B.	1108	132	Cardinal Red and Silver Gray.	Technique.
MIDDLEBURY		. Middlebury, Vt.	1800	Ezra Brainerd, LL.D.	108	6	Navy Blue and Pearl White.	Kaleidoscope.
Mr. Holyoke	7	. South Hadley, Mass.	1837	Elizabeth Storrs Mead, A.M.	397		Light Blue,	Llamarada.
MUHLENBERG		. Allentown, Pa.	1867	Theodore L. Seip, D.D.	150	2	Steel and Garnet.	The Ciarla.
NRW YORK UNIVERSITY		New York, N. Y.	1831	Henry M. MacCraken, D.D., L.I. D.	1313	143	Violet,	The Violet.
NIAGARA UNIVERSITY		Niagara University, N.Y.	9881		200	98	Purple and White,	
NORTHWESTERN UNIVERSITY .		. Evanston, III.	1881	_	2113	246	Royal Purple.	The Syllabus.
OBERLIN	20	. Oberlin, Ohio,	1833		1283	8	Crimson and Gold.	Hi-O-Hi.
OHIO STATE UNIVERSITY	82	. Columbus, Ohio,	1870	James H. Canfield.	1000	35	Scarlet and Gray.	The Lantern.

College Statistics,-Continued.

Name.	Location.	Founded.	d. President.	Stud'ts, Instr's,	Instr's.	Colors.	Annual.
OHIO WESLEYAN UNIVERSITY	. Delaware, Ohio.	184	Rev. J. W. Bashford, D.D.	1270	20	Black and Red,	Bijon.
PACIFIC UNIVERSITY	. Forest Grove, Ore.	1854		100		Crimson and Black.	
Pennsylvania	. Gettysburg, Pa.	1832	_	271	16	Orange and Blue.	The Spectrum.
POLYTECHNIC INSTITUTE OF BR'RLYN,	, Brooklyn, N. Y.	1855	David H. Cochran, L.L.D.	88	14	Blue and Gray.	
PRATT INSTITUTE	. Brooklyn, N. Y.	1887	Charles M. Pratt.	3161	133	Cadmium Yellow.	
PRINCETON UNIVERSITY	. Princeton, N. J.	1746	Francis Landey Patton, D.D., LL.D.	1005	80	Orange and Black,	Bric.a.Brac.
PERDUE UNIVERSITY	. Lafayette, Ind.	1869	7	299	70	Black and Old Gold.	The Debris.
RADCLIFFE	. Cambridge, Mass.	1870	Elizabeth C. Agassiz.	410	86		
ROSE POLYTECHNIC INSTITUTE	. Terre Haute, Ind.	1874	_	120	re re	Old Rose and White.	
RUTGERS	New Brunswick, N. J.	1766	Austin Scott, Ph.D., LL.D.	151	12	Scarlet,	The Scarlet Letter
SMITH	Northampton, Mass.	1871	L. Clark Seelye, D.D., L.L.D.	626	9	White.	
SWARTHMORE,	Swarthmore, Pa.	1864	Charles De Garmo, Ph.D.	162	33	Garnet.	The Phanis.
SYRACUSE UNIVERSITY	Syracuse, N. Y.	1871	Rev. James R. Day, D.D., LI.,D.	1135	113	Orange.	The Onandagan.
TRINITY	Hartford, Conn.	1823	George Williamson Smith, D.D., LL.D.	134	20	Blue and Old Gold.	The Trinity Ivy.
Tuple	Tufts College, Mass.	1852	Elmer Hewitt Capen, D.D., LL.D.	530	88	Brown and Blue,	Brown and Blue.
TULANE UNIVERSITY	New Orleans, La.	1847	William Preston Johnston, LL.D.	846	20	Olive and Blue,	Jambalaya.
UNION	Schenectady, N. Y.	1795	Andrew V. V. Raym ond, D.D., LL D.	210	1/0	Garnet,	The Garnet.
U. S. MILITARY ACADEMY	. West Point, N. Y.	1802	O. H. Ernst, Col. U.S. A., Supt.	3335	50	Black and Gray,	Howitzer.
U. S. NAVAL ACADEMY	Annapolis, Md.	1845	Phillip H. Cooper, Capt. U. S. N.	250	8	Old Gold and Navy Blue,	Annual Register.
UNIVERSITY OF CALIFORNIA	Berkeley, Cal.	1868	Martin Kellogg, A.M., LL.D.	2200	250	Blue and Gold,	Blue and Gold.
UNIVERSITY OF CHICAGO	Chicago, III.	1890	William Rainey Harper, Ph.D., D.D., LL.D.	J. 2132	180	Maroon.	Cap and Gown.
UNIVERSITY OF COLORADO	. Boulder, Colo.	1877	James H. Baker, M.A., LL.D.	009	75	Silver and Gold.	Columbine.
	Denver, Colo.	1864	Wm. F. McDowell, Ph.D.	500	100	Crimson and Gold,	
UNIVERSITY OF MICHIGAN	Ann Arbor, Mich.	1837	James B. Angell.	3000	164	Maize and Blue.	Michiganensian.
	Urbana, III.	1867	Andrew S. Draper, LL.D.	1600	210	Blue and Orange.	The Illio.
	Minneapolis, Minn.	1868	Cyrus Northrop,	2750	160	Maroon and Old Gold.	Gopher.
	University, Miss.	1848	Robert B. Fulton,	275	15	Royal Purple.	Ole Miss.
	Lincoln, Neb.	1869	George Edwin MacLean, Ph.D., LL.D.	1653	133	Scarlet and Cream.	The Sombrero.
UNIVERSITY OF PENNSYLVANIA	Philadelphia, Pa.	1740	Charles C. Harrison, LL.D.	2840	258	Red and Blue,	The Record.
UNIVERSITY OF THE SOUTH	Sewanee, Tenn.	1865	B. Lawton Wiggins.	327	30	Purple.	Cap and Gown.
	Austin, Texas,	1883	George T. Winston, LL,D,	751	59	Orange and White.	Cartus.
UNIVERSITY OF VIRGINIA	Charlottesville, Va.	1825	P. B Barringer, M.D.	tos	55	Orange and Blue,	Corks and Curls.
UNIVERSITY OF WISCONSIN	Madison, Wis.	1848	Charles Kendall Adams, L.L.D.	1800	3118	Cardinal.	Badger.
VASSAR	Poughkeepsie, N. Y.	1861	James M. Taylor, D.D., LL.D.	100	19	Rose and Gray.	Vassarion.
WASHINGTON AND LER UNIVERSITY,	Lexington, Va.	1749	William L. Wilson, LL.D.	135	18	White and Blue.	The Calyx.
Wellestry	Wellesley, Mass.	1875	Julia J. Irvine, M.A., Litt.D.	662	67	Deep Blue.	Legenda.
Wesleyan University	Middletown, Conn.	1831	Rev. Bradford P. Raymond, D.D., L.L.D.	327	35 (Cardinal and Black,	Olla Podrida.
Western Maryland	Westminster, Md.	1869	Thomas Hamilton Lewis,		Ĭ	Old Gold and Olive Green.	Chicha go.Runk.
WILLIAMS	Williamstown, Mass.	1703	Franklin Carter.	385	31	Royal Purple.	The Gulichmensian
WORCESTER POLYTECHNIC INSTITUTE	Worcester, Mass.	1865	Thomas Corwin Mendenhall, Ph.D., L.L.D.	216	30	Crimson and Steel Gray,	The Afterwath.
WOOSTER UNIVERSITY	Wooster, Ohio.	1866	Rev. S. F. Scovel.	440	21	Black and Old Gold,	The Index.
YALE UNIVERSITY	New Haven, Conn.	1701	Timothy Dwight.	2500	253	Blue.	Yale Banner.

Distribution of Students

1897 - 1898.

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REGISTER OF STUDENTS

NAME AND FRATERNITY.	COURSI	CLASS	s. HOME ADDRESS,
Abbot, Lewis Benjamin	. 17	V. '99	Danvers, Mass
ABEEL, DAVID GUSTAVUS		I. '99	Catskill, N. Y.
Adams, Charles Ward, X. 4		I. 'or	60 State St., Montpelier, Vt.
Adams, George Orlando		7. '00	North Andover, Mass.
Adams, Herbert Henry, A. Δ. Φ.		I. '99	39 Whitehall St., New York, N. Y.
Adams, John Howard	. 11		351 Broadway, Pawtucket, R. I.
Adams, Walter Owen	. 2	. '99	Annisquam, Mass.
Addicks, Lawrence	. II., V		706 Spruce St., Philadelphia, Pa.
Albee, Edward Everett		I. '99	42 Chestnut St., Melrose, Mass.
ALBIN, HENRY ALLISON	. V		Concord, N. H.
Albiston, Clayton	. I	I. 'or	52 N. 2d St., New Bedford, Mass.
ALDRICH, WILLIAM TRUMAN, Ψ. T.	. 1	7. 'or	110 Benevolent St., Prov'ce, R. I.
ALEXANDER, DONALD NELSON	. IV	7. '98	33 Falcon St., East Boston, Mass.
Alland, Leon		I. '98	34 Bicknell St., Dorchester, Mass.
Allen, Elbert Grover	. I	l. '00	East Bridgewater, Mass.
Allen, Ernest Blake		10' .)	7 Atlantic St., Lynn, Mass.
ALLEN, GEORGE WINTHROP	. I	I. '01	East Bridgewater, Mass.
ALLEN, JAMES WALTER	. V	I. '99	Newtonville, Mass.
ALLEN, JOSEPH PERCIVAL, JR., A.B.	. I	I. S.	Greencastle, Ind.
ALLEN, LUCY MABEL		S.	70 Henry Ave., Lynn, Mass.
ALLYN, ROBERT	. I	I. '98	4 Front St., New London, Conn.
Ames, Joseph William		I. S.	7 Gooch St., Melrose, Mass.
Amory, Anna Sears		S.	7 Fairfield St., Boston, Mass.
Anderson, Charles Louis Bates		I. S.	4 Harris St., Newburyport, Mass.
Anderson, John Robinson, Jr	. XIII	. '01	185 Mountain Ave. Montclair, N. J.
Anderson, Mary Perle, B.S	. VII	. S.	East Berkshire, Vt.
Anderson, Robert Peter		I. S.	84th St., Brooklyn, N. Y.
Andrew, Robert	. I	10' .1	Linwood, Cincinnati, Ohio.
Angus, William Jackson, A. T. A.	. 1	. '00	3213 Michigan Ave., Chicago, Ill.
APPLETON, HERBERT DAVIS		. S.	3 Ellsworth Ave., C'm'bdge, Mass.
Appleton, Marjorie Crane		S.	Newton Centre, Mass.
APPLETON, WILLIAM CORNELL	. IV	, '01	Auburn, R. I.
ARCHIBALD, WARREN MARTIN	.]	. S.	18 South St., Medford, Mass.

NAME AND PRATERNITY.	COURSE.	CLASS	HOME ADDRESS,
ARNOLD, ALBERT HEBER BAILEY .	III.	'oı	31 Waumbeck St., Roxbury.
ARNOLD, LYMAN	VI.	'98	22 Park Ave., W. Sp'ngf'ld, Mass.
ASHLEY, GEORGE FRANCIS	IV.	S.	11 Laurel St., Somerville, Mass.
ASHLEY, HARRISON EVERETT	X.	'00	947 Acushnet Ave., New Bedford.
ATKINSON, FRED SEWALL	X.	S.	21 Grove St., Chelsea, Mass.
ATWOOD, GEORGE DESLER	X.	'00	North Bennington, Vt.
AUER, CHARLES ISRAEL	III.	10'	818 Richmond St., Cincinnati, O.
AYER, HAROLD OSGOOD	V.	'99	Danville, Vt.
Ayers, Frederic Chesley	II.	'00	11 Forest St., Roxbury, Mass.
AYERS, MILAN VALENTINE	VI.	'98	Dudley St., Newton Centre.
BABCOCK, HENRY KIMBERLY	VI.	'99	Neenah, Wis.
BABCOCK, PAUL ALDRICH	I.	'00	East Milton, Mass.
BABSON, ROGER WARD	I.	'98	8 Angle St., Gloucester, Mass.
BACHELDER, GRACE DARLING		S.	New Hampton, N. H.
BACKUS, LE ROY MANSON	VI.	10'	1122 Jefferson St., Seattle, Wash.
BACON, CHARLES JAMES	II.	S.	Winthrop, Mass.
BACON, LYMAN EDWARD	I.	'98	State Farm, Bridgewater, Mass.
BADLAM, STEPHEN	III.	'00	15 Columbia St., Dorchester, Mass.
BAILEY, ERIC WALDORF	III.	'00	Cambridgeport, Mass.
BAILEY, ROBERT WILLIAM	XIII.	S.	12 West 22d St., New York City.
BAILEY, THOMAS WENDELL		'99	49 Gardner St., Allston, Mass.
BAKER, PHILIP STONE	II.	S.	1882 Wash. St., San Francisco, Cal.
BALCOM, REUBEN WILFRED			Framingham, Mass.
BALDWIN, THEODORE ANDERSON, JR.,		10'	Fort Assinniboine, Mont.
BALLANTYNE, BERTHA LENNIE	10022		Hudson, Mass.
Bancroft, Joseph, θ. Ξ	X.		Rockford, Wilmington, Del.
BARDIN, ISAAC DAVID	VI.	S.	214 Calhoun St., Charleston, S. C.
BARKER, ELLIOTT RENSSELAER .	12.3		21 Fales St., Greendale, Mass.
BARKER, HARRINGTON			283 Huron Ave., N. Camb'ge, Mass.
BARKER, JAMES EDMUND	VI.		409 N. Los. Robles Ave., Pasadena.
BARLOW, WILLIAM HARVEY, X. P.			Mahanoy City, Pa.
BARNEY, MORGAN	*****		St 4th St., New Bedford, Mass.
Barrows, Anna		S.	17 Cayenne St., Boston, Mass.
BARRY, CHARLES GARDNER	Ι.		Hillside Ave., Melrose, Mass.
BARTLETT, JANE HOWARD	**		West Bridgewater, Mass.
BARTON, CHARLES AUGUSTUS, JR.			334 Leland Ave., Ravenswood, Ill.
BATCHELLER, JAMES HERVEY			34 Monument Sq., Charlestown.
BAUMANN, EDGAR BUTLER	IV.		1844 Wellington St., Chicago, Ill.
BAXTER, FRANCIS KERNAN			62 Lansing St., Utica, N. Y.
BEAN, WALTER RAYMOND	722222		44 Woodbine St., Roxbury.
BECKWITH, EDWARD PIERREPONT, A.			367 Harvard St., Camb'ge, Mass.
BEDER, HAROLD WALDEMAR			532 East 136th St., New York City.
BEDORTHA, ALFRED CALVIN	VII		Windsor, Conn.
BEEKMAN, JOHN VANDERVEER, JR.	***		216 West 8th St., Plainfield, N. J.
Belcher, Edward Brown	II		148 Hawthorne St., Malden, Mass.
BELCHER, HENRY CLIFFORD			Easton, Mass.
BELKNAP, GEORGE HENRY	II.		13 Milton Ave., Dorchester, Mass.
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BENNETT, RAYMOND FRANKLIN	Ι.	'99	35 Melbourne St., Portland, M

NAME AND FRATERNITY.	COURSE.	CLASS	s, HOME ADDRESS.
Bennink, Carrol Augustus	IV.	S.	Ontario, Cal.
Benson, Harry Frederic	II.	'01	34 Harvard St., Whitman, Mass.
Benson, Newton Davis	IV.	S.	8 Damson St., Providence, R. I.
BERGEN, FRANCIS PATRICK	VI.	'98	23 John St., Hartford, Conn.
BERGSTROM, GEORGE EDWIN	1V.	S.	Neenah, Wis.
BETTS, IRA BENEDICT, JR	IV.	S.	126 E. 113th St., New York, N. Y.
BICKFORD, WARREN IRA, A. Y	VI.	'01	2511 K St., N. W., Wash'n, D. C.
BIGELOW, LYMAN HERBERT	1.	S.	376 Main St., Charlestown, Mass.
BILYEA, CARL THOMPSON, X. Φ	IV.	'01	28 Sterling St., Watertown, N. Y.
BIRKS, ARTHUR HENRY	IV.	'00	141 High St., Peoria, Ill.
BISHOP, FREDERIC LENDALL	VIII.	S.	347 Cross St., Malden, Mass.
BITTENGER, CHARLES		S.	1421 K St., N. W., Wash'n, D. C.
BLACKMER, ARTHUR ELLIOTT	I.	S.	12 Warren Ave., Plymouth, Mass.
BLACKMER, WILLIAM DANIELS, X. 4.	III.	'98	631 N. Cascade Ave., Col. Sp'gs.
BLAIR, ROBERT SHERMAN	VI.	'00	Waterville Road, Waterbury, Ct.
BLAKE, FRANCIS MINOT, A. T. A	II.	'99	426 Marlboro St., Boston, Mass.
BLAKE, KENNETH MALLON, A. K. E	II.	'99	33 Washington St., Newton, Mass.
BLANCHARD, ARTHUR ALPHONSO	V.	'98	Newton Centre, Mass.
BLANCHARD, HUSE TEMPLETON	IV.	'01	76 Washington St., Concord, N.H.
Bleecker, John Stearns, Δ . Υ	II.	'98	6 Louisburg Sq., Boston, Mass.
BLEECKER, WARREN FLOYD	V.	'OI	611 E. 12th St., Pueblo, Col.
BLOOD, GEORGE WHITEFIELD	IV.	S.	232 High St., Newburyport, Mass.
BODWELL, HOWARD LAWRENCE	II.	'98	West Boxford, Mass.
BOLAND, MARY A	VII.	S.	117 W. Newton St., Boston, Mass.
BOLLMAN, WILLIAM CHARLES		S.	1160 Forest Ave., New York, N. Y.
BOLSTER, ROY HALE	VI.	'00	10 Cobden St., Roxbury, Mass.
BOND, FREDERICK HENRY	IV.	'oı	31 Longwood Ave., Brkl'ne, Mass.
BONNS, WALTER WERDENFELD	IV.	'99	538 Jefferson St., Milwaukee, Wis.
BOOTH, ARTHUR ROBERT GREGORY .	V.	'oı	353 Walker St., Lowell, Mass.
BOOTH, GEORGE HENRY	II.	'98	26 Garfield Pl., Po'keepsie, N. Y.
BOWDITCH, INGERSOLL, A. B	I.	'00	Jamaica Plain, Mass.
BOYD, FREDERIC ROY COURTENAY .	VI.	'OI	36 Annawan St., Hartford, Conn.
BOYLE, JOHN, JR	III.	10'	259 Merrimac St., Newb'pt, Mass.
BOYLE, MARTIN	V.	'98	259 Merrimac St., Newb'pt, Mass.
BOYNTON, PERKINS	XI.	10'	44 Judkins St., Newtonville, Mass.
BRADT, CECILIA KATHARINE		S.	Cambridge, Mass.
BREER, LOUIS BENNETT, Φ. B. E	V.	S.	62 Beacon Hill Ave., Lynn, Mass.
BREWSTER, WILLIAM	II.	'98	11 Court St., Plymouth, Mass.
BRICKLEY, WILLIAM JOSEPH	II.	S.	68 Tremont St., Charlestown.
BRIGGS, ALBERT BILLINGS	I.	'00	2 Pleasant St. Pl., Boston, Mass.
BRIGGS, CHARLES CALVIN, JR., X. Φ.	II.	'00	153 Craig St., Pittsburg, Pa.
BRIGGS, ERNESTINE HANSON (Mrs.) .		S.	76 Tudor St., Chelsea, Mass.
BRIGGS, JOHN PORTER	I.	'01	175 Sandwich St., Plymouth, Mass.
BRIGHAM, EDMOND FRANCIS	X.	'00	Newton Highlands, Mass.
BRIGHAM, THEODORE WILLIAM	XIII.	S.	7th Ave. and 56th St., New York.
Brock, Henry Matthias, A.B	VIII.	S.	15 Woodville St., Roxbury, Mass.
Bronson, John Stanard, A. K. E	IX.	10'	1503 McGavock St., N'shv'e, Tenn.
Brooks, Miles Elijah	I.	'99	19 Milford St., Boston, Mass.
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NAME AND FRATERNITY.	COURSE.	CLASS	HOME ADDRESS.
Brooks, Paul Raymond	II.	'00	4912 Woodlawn Ave., Chicago, Ill.
	. 11.	'99	Reading, Mass.
BROWN, CARROLL WILDER	. I.	'99	Rye Beach, N. H.
Brown, Charles Hoyt	. X.	'99	Wellesville, N. Y.
BROWN, CLARENCE CLAPP	VI.	'00	Reading, Mass.
BROWN, CLARENCE LINCOLN	IV.	'ot	20 Lowell St., Newtonville, Mass.
BROWN, DICKSON QUEEN, A.B., Σ. X.	VI.	S.	New York City, N. Y.
BROWN, GEORGE WINSLOW, X. 4.	. V.	S.	1085 Boylston St., Boston, Mass.
Brown, John	. I.	S.	40 Bradford Ave., Fall River.
BROWN, JOHN WESLEY	. V.	'00	13 Forrester Ave., Newburyport.
Brown, Stephen Pearson, Σ. X.	77	'00	Dover, Me.
BROWNELL, JOHN RANDOLPH	. I.	S.	7239 Vincennes Road, Chicago, Ill.
BRUSH, MATTHEW CHAUNCEY, A. K. E.	II.	'01	432 Superior St., Duluth, Minn.
BUCKLIN, MILTON POLLARD	. VI.	S.	40 Princeton Ave., Providence.
BUFFUM, FREDERICK DELANO, B. O. II	. II.	S.	Winchester, N. H.
BUGBEE, EDWARD EVERETT	. III.	'00	Allerton St., Brookline, Mass.
BULLARD, LEWIS HINKLEY	. II.	'00	Wellesley Hills, Mass.
BURCH, GUY PRENTISS	. I.	'99	381 W. 3d St., Dubuque, Iowa.
BURDICK, EDWIN PARK, Σ. A. E	. II.	S.	33 Congress St., Hartford, Conn.
BURGESS, PHILIP	. XI.	'99	Otis St., Newtonville, Mass.
BURNHAM, FRANK ERWIN	. X.	'00	5 Warren Ave., Reading, Mass.
BURNHAM, GEORGE, A. K. E	. IV.	'98	35 West St., Portland, Me.
BURNHAM, ROY GIBSON	. II.	'00	Essex, Mass.
BURNS, JAMES DENNIS, JR	. I	S.	7 Allen St., Salem, Mass.
BURR, ALICE MORVILLE	VII.	S.	119 Wyoming Ave., Melrose, Mass.
Burroughs, Karl	. X.	'00	11 Landers St., Somerville, Mass.
BUTCHER, WILLIAM LARAMY	. I.	'98	197 Lake View Ave., Camb., Mass.
BUTLER, FERDINAND ALMON	. VI.	'99	32 Hancock St., Salem, Mass.
BUTLER, WALTER HAROLD	. II.	S.	212 Fir St., Akron, Ohio.
BUTLER, WINTHROP FESSENDEN .	. V.	'98	79 Tudor St., Chelsea, Mass.
BUTTERS, CHARLES MILTON	. I.	10'	19 Church St., Somerville, Mass.
BUTTERWORTH, ELWELL ROBERT	. II.	'98	1 Harvard Pl., Somerville, Mass.
BUXTON, PHILIP LOREN	. X.	10'	50 Cedar St., Worcester, Mass.
BYAM, LE ROY HENRY	. I.	'98	337 Crescent St., Waltham, Mass.
CADE, CHARLES WALKER	. 11.	'OI	14 Clinton St., Camb'port, Mass.
CADY, FRANCIS ELMORE	. VI.	S.	910 Sherwin Ave , Chicago, Ill.
CADY, FRANK LIPPITT	. V.	S.	78 Central St., Providence, R. I.
CAHN, EDGAR BERNARD	. IV.	S.	3223 Michigan Ave., Chicago, Ill.
CALDWELL, FREDERICK WILLIAM	. II.	'99	42 Stevens St. , Winchester, Mass.
CALL, MERRILL ASA	. VI.	S.	1115 Douglas St., Sioux City, Ia.
CALLAHAN, EDWARD HENRY	. VI.	10'	10 Cottage St., New London, Ct
CAMPAN, ANTOINE BLACKWELL .	. IV.	'oı	407 Madison Ave., Grand Rapids.
CAMPBELL, CHARLES FRANCIS F.	. IX.	'00	London, England.
CAMPBELL, DONALD CHENERY, A. T. A	. II.	'98	83 Queen St., Lowell, Mass.
CAMPBELL, HARRY ANDREW BACH	. II.		London, England.
CAMPBELL, JOHN	. III.		Lincoln Ave., E. End, Pittsburg, Pa.
CANNON, SYLVESTER QUAYLE	. III.	2.5	24 E.So. Temple St., Salt Lake City.
CANNON, WILLARD TELLE	. II	'99	24 E.So. Temple St., Salt Lake City.

NAME AND FRATERNITY.	COURSE.	CLASS	s. HOME ADDRESS,
CARPENTER, CHARLES MAYHEW .	X.	'00	Schuylerville, N. Y.
CARPENTER, ROBERT R. M., Ф. B. E.	IV.	'ot	22 Union St., Wilkesbarre, Pa.
CARR, JAMES HENRY	II.	'01	7 Pearl St., Salem, Mass.
CARTER, GEORGE WILLIAM	VI.	'01	328 Front St., Chicopee Cen., Mass.
CASANI, ALBERT AENEAS	I.		7 Woodville St., Everett, Mass.
Case, Herbert Monroe	VI.	'99	109 Ann St., Hartford, Conn.
CATLIN, JOSEPH PRIESTLEY	VI.	10'	Gouverneur, N. Y.
CAYVAN, LLEWELLYN LEOPOLD	V.	'00	660 Sixth St., So. Boston, Mass.
Chase, Ira Mason, Jr	I.	'98	37 Fifth St., New Bedford, Mass.
CHAFFEE, WALTER CRANE	IV.	'00	85 Edmont Pl., Detroit, Mich.
CHALMERS, HARRY BISHOP	X.	'00	Lonsdale, R. I.
CHANDLER, EDNA MATILDA	V.	'99	110 Thornton St., Roxbury, Mass.
CHANDLER, HOWARD TRUEMAN	II.	10'	Oakbridge St., Mattapan, Mass.
CHANDLER, LEONARD DEXTER	II.	10'	45 Jaques St., Somerville, Mass.
CHAPIN, EDWARD SAMUEL	V.	'98	23 Parker St., Boston, Mass.
CHAPMAN, EBEN LORD	Ι.	S.	Franklin Falls, N. H.
CHAPMAN, JAMES FINLAY, B.S	VI.	S.	Mankato, Minn.
CHAPMAN, WARREN GORTON	VI.	'01	Niantic, Conn.
CHARLES, WALTER NATHAN	I.	100	2 Harvard Ave., Dorchester, Mass.
CHASE, FRANK DAVID	I,	'00	17 Florence St., Malden, Mass.
CHUBB, CHESTER MILES	I.	'OI	109 Berkeley St., Lawrence, Mass.
CHURCH, EDWIN FAYETTE, JR	XIII.	'oı	20 Holborn St., Roxbury, Mass.
CHURCHILL, DAVID CARROLL	II.	S.	Boston, Mass.
CHURCHMAN, ALBERT LAWRENCE, Θ. Ξ	. II.	S.	1311 Rodney St., Wilmington, Del.
CLAFLIN, FRED WINSLOW	I.	10'	98 Main St., Hopkinton, Mass.
CLAPP, FREDERICK GARDNER	XII.	'00	169 Boston St., So. Boston, Mass.
CLAPP, FREDERICK OTIS, A.M	I.	'98	11 Bridgham St., Providence, R. 1.
CLAPP, JAMES FORD	IV.	S.	18 Atlantic St., So. Boston, Mass.
CLARK, BENJAMIN FRANKLIN, JR	11.	10'	116 London St., E. Boston, Mass.
CLARK, BURTON STEDMAN, Φ. Γ. Δ	IV.	'00	10 Oxford St., Worcester, Mass.
CLARK, GEORGE ADAMS	Ι.	10'	72 Marginal St., E. Boston, Mass.
CLARK, JAMES KENNETH	11.	'99	5th and Hickory Sts., Warren, Pa.
CLARK, REUBEN BACON, Δ Ψ	XIII.	10'	1501 Mass. Ave., Wash'ton, D. C.
CLARY, ROBERT HODGEN	III.	'00	Columbia St., Seattle, Wash.
CLAUSEN, RUDOLPH JULIUS	IV.	'99	624 W. 6th St., Davenport, Ohio.
CLEVELAND, ERNEST ELGIN	VI.	S.	121 Highl'd Ave., S'merv'le, Mass.
CLIFFORD, PAUL	11.	S.	11 Waverly Ave., Newton, Mass.
CLOW, PERCIVAL CHARLES	IV.	'00	Orange, Mass.
CLUFF, CLARENCE BROOKS	V.	'99	13 Columbia Park, Haverhill.
COBB, HERBERT FRANKLIN	11.	'98	Newton Centre, Mass.
COBB, HERBERT LUTHER	VI.	'98	Mansfield, Mass.
COBURN, FRED WARD	X.	'01	281 E. Merrimac St., Low'l, Mass.
COBURN, HOWARD LINCOLN	II.	'98	143 Appleton St., Boston, Mass.
COFFIN, JOSEPH GEORGE	VIII.	'98	12 Follin St., Boston, Mass.
COLBY, FRANK ARNOLD	IV.	10'	13 Cleveland St., Hyde P'k, Mass.
COLCORD, FRANK FOREST	III.	'98	3 Weld Ave., Roxbury, Mass.
COLLIER, WILLIAM RAWSON, E. X .	VI.	'00	296 Rawson St., Atlanta, Ga.
Collins, John Arthur, Jr., S.B		'97	73 Cottage St., Fall River, Mass.

NAME AND FRATERNITY.	OURSE.	CLASS	, HOME ADDRESS,
COLLORD, WILLIAM	I.	10'	710 W. 9th St., Cincinnati, Ohio.
COLMAN, JEREMIAH, JR	X.	'oı	144 Pleasant St., Arlington, Mass.
COMEY, CHARLES HENRY	II.	S.	3 Herbert St., Dorchester, Mass.
CONANT, FRANKLIN NORTON	VII.	'00	3 Wellington St., Boston, Mass.
CONANT, HAROLD SARGENT	VII.	'00	36 Pleasant St., Gloucester, Mass.
CONANT, JOHN BANCROFT	VI.	'00	421 Massachusetts Ave., Boston.
CONGDON, JOHN ELLIOTT	II.	'99	810 Second St., Fall River, Mass.
CONKLIN, HERBERT KING	IV.	'98	70 Heller Parkway, Newark, N. J.
Connor, Harry Percy	IV.	10'	218 N'thampton St. Wilk's'bre, Pa.
CONSTANTINE, ARTHUR McGREGOR .	IX.	S.	18 Strong St. Newburyport, Mass.
Cook, Joseph Cochran	VIII.	'98	2902 Wash'n'on St., R'xb'y, Mass.
COOKE, EDWARD BAILEY, A. K. E	11.	'01	743 King St., Pottstown, Pa.
COOKE, FREDERICK HOSMER, Σ. A. E.	I.	'00	508 Rockdale Ave., Cincinnati, O.
COOMBS, FRANK EUGENE	IV.	'98	26 Maverick St., E. Boston, Mass.
COPP, GEORGE IRVING	п.	'99	Rockingham Pl., Cambridgeport.
CORBETT, CHARLES WALTER, JR	VI.	'99	6 Rutland Sq., Boston, Mass.
CORLISS, CYRUS	VI.	S.	Randolph, Mass.
CORNELL, WORTHINGTON	VI.	'98	Wellington, Mass.
Corse, William Malcolm	V.	'99	23 Oakland St., Medford, Mass.
COTTER, WILLIAM EDWARD	IV.	'98	18 Skehan St., Somerville, Mass.
COTTLE, GEORGE THURSTON	V.	'98	13 Copley Street, Roxbury, Mass.
COWELL, DAVID HOLBROOK	VI.	S.	21 Monadnock St., Dor., Mass.
COWING, GEORGE ARTHUR	V.	10	Wyoming, Ohio.
Cox, Allen Howard	IV.	S.	248 Maple St., Holyoke, Mass.
CRANE, CHARLES SPENCER, Σ. A. E.	IV.	S.	468 Howard St., Brookline, Mass.
CRANE, EVA HAYES	IV.	'98	56 Trowbridge St., Camb'ge, Mass.
CRAVEN, GEORGE WARREN	VI.		Bozeman, Montana.
CRITTENDEN, PHILIP LEE	VI.	10'	Geneva, Ill.
Cross, Frederick Cushing	XI.	10'	428 Main St., Fitchburg, Mass.
Croswell, Joseph Simonds	II.	'00	65 Frost St., N. Cambridge, Mass.
Crowell, Louis Austin, Σ. A. E	I.	'00	East Dennis, Mass.
Crowell, Luther Alberto	VI.	'98	West Dennis, Mass.
Cummings, Prescott Hunt	II.	S.	Cuylerville, N. Y.
CUMMINS, HARLE OREN	11.	10,	54 College St., Montpelier, Vt.
CURRIER, HARVEY LEON	II.	'98	St Norfolk Ave., Swampscott.
CURRY, WILLIAM LEHMER, X. Φ		'99	Homeward Ave., Pittsburg, Pa.
CURTIS, CHARLES WARREN	V.		433 Central St., Lowell, Mass.
Curtis, Everett Nichols	IX.	'98	26 Cumberland St., Boston, Mass.
CURTIS, HARRY APPLETON, A. B	IV.	S.	28 Mt. Vernon St., Boston, Mass.
CURTIS, WALTER MOLBRAY	11.	10	10 Park Ave., Whitman, Mass.
CURTISS, JOHN LEE	VI.	10,	Fishkill-on-Hudson, N. Y.
Cushing, Harvey Morse	VI.	'99	186 E. Maple Ave., Ottumwa, Ia.
Cushing, Matthew Marble	IX.	10'	10 Prospect St., Fitchburg, Mass.
Cushman, Frank, Jr	1000	S.	17 White St., East Boston, Mass.
CUTTER, FRED BERTRAM		'98	16 Otis St., Wakefield, Mass.
DAKIN, HERBERT HALE	V.		16 Hanson St., Boston, Mass.
	* 7.		
Daloz, Laurent Esaie	V.		19 Mt. Vernon St., Dor., Mass. Bryantville, Mass.

NAME AND FRATERNITY.	COURSE.	CLASS	HOME ADDRESS,
DANA, WM. SUMNER BARTON, Φ. Γ. Δ.	IV.	'98	46 Cedar St., Worcester, Mass.
DANFORTH, CHARLES WARREN	X.	'OI	Tyngsboro, Mass.
DANFORTH, NEWMAN LORING	II.	'oı	428 Norwood Ave., Buffalo, N. Y.
DANFORTH, RAYMOND HUGHES	II.	'98	4 Arabella St., Salem, Mass.
DART, ALBERT CHARLES, JR	III.	'00	2106 Seventh Ave., Rock Is., Ill.
DART, CYRUS VICTOR	I.	S.	716 22d St., Rock Island, Ill.
DART, HARRY EDSON	VI.	'01	45 Howard St., New London, Ct.
DATER, PHILIP HERRICK, B.A., O. A. X.	I.	'98	2236 6th Ave., Troy, N. Y.
DAVENPORT, MAURICE	II.	S.	360 Ocean Ave., Brooklyn, N. Y.
DAVIS, ALVAN LAMSON	III.	'98	27 Albion St , Hyde Park, Mass.
DAVIS, ARTHUR COLBEY	V.	'01	146 Wash. St., Gloucester, Mass.
DAVIS, CHARLES JOSHUA	I.	S.	No. Chelmsford, Mass.
DAVIS, EDWARD HATTON	IX.	'01	27 Albion St., Hyde Park, Mass.
DAVIS, HAROLD HENRY	VI.	'or	Chelmsford, Mass.
DAVIS, HUNTLY WARD, A. T	IV.	'98	709 Pine Ave., Montreal, P. Q.
DAVIS, WALTER POORE	III.	10'	West Newbury, Mass.
DAVIS, WILBUR WARD	I.	S.	91 Webster St., Malden, Mass.
DAVISON, GEORGE RUPERT	VI.	'98	33 M. St., So. Boston, Mass.
DEAN, WALTER CLARK	VI.	S.	Dalton, Pa.
DEARDEN, CLINTON MERRILL	VIII.	'oı	58 Lincoln Ave., Fall River, Mass.
DE GOLYER, ROBERT SEELY, O. B. E.	IV.	398	1819 Hinman Ave., Evanston, Ill.
DELANO, PAUL HOLMES	I.	S.	Kingston, Mass.
DENNISON, CHARLES HAMILTON	X.	'oı	35 Carmel St., Chelsea, Mass.
DERBY, RICHARD BAKER	IV.	'01	Concord, Mass.
Derby, Robert Mason, Δ. Ψ	I.	'oı	352 Beacon St., Boston, Mass.
DE WOLF, RICHARD CROSBY	v.	'00	112 W. Concord St., Boston, Mass.
DEXTER, KATHARINE MOORE	VII.	S.	2 Raleigh St., Boston, Mass.
DIKE, GEORGE PHILIPPS, B.A	II.	S.	113 Hancock St., Aubu'dale, Mass.
DIMOCK, ELWIN HIBBERT	II.	S.	697 Washington St., Dor., Mass.
DIXON, CHARLES SUMNER	VI.	S.	1608 R St., N. W., Wash'ton, D. C.
DIXON, JOHN BROWN	V.	'98	1608 R St., N. W., Wash'ton, D. C.
Dodge, Frank Edward	V.	S.	163 W. Canton St., Boston, Mass.
Dodge, Irving Bigelow	II.	'98	Grafton, Mass.
Dodge, Lyman Edward	VI.	10'	9 Mill St., Newburyport, Mass.
DODGE, WINTHROP RUFUS	V.	S.	Newburyport, Mass.
Dooley, William Henry	V.	'OI	26 Ball St., Boston, Mass.
DOREY, WILLIAM ASBURY	III.	'00	643 W. 4th St., Cincinnati, Ohio.
Dorsey, Farnum Francis	II.	10'	Winthrop St., Winchester, Mass.
Dow, Richard Ernest	X.	'or	345 Upham St., Melrose, Mass.
Dow, WILLARD WELLMAN	IX.	'or	Alpine St., Malden, Mass.
Dozier, Henrietta Cuttins	IV.	'99	Atlanta, Ga.
DRAKE, CHESTER FRANCIS, Σ. A. E	XI.		94 Monum't St., W. Medford, Mass.
DRAPER, JOSEPH PORTER	IX.	S.	Canton, Mass.
DRAPER, ROBERT MAY	III.	'98	Fayville, Mass.
DREW, ALBERT THOMPSON	X.		86 Federal St., Newb'yport, Mass.
DREW, CHARLES DAVIS	I.		West Newton, Mass.
DRISCOLL, FRANK BLAIR	I.	5.5	7 Michigan Ave., Dorch'r, Mass.
DRISCOLL, TIMOTHY JOSEPH	VI.	'98	7 Hamburg St., Boston, Mass.
AJRISCOLL, LIMOTHY JOSEPH		90	/ Annual on Donois mass.

NAME AND FRATERNITY. CO	URSE.	CLASS	HOME ADDRESS.
Dubois, Norman Armin	VI.	'oı	2029 Bay St., Fall River, Mass.
DUFF, ELLEN LORETTO	VII.	S.	14 Sheafe St., Charlestown, Mass.
DULUDE, FREDERICK JOSEPH	I.	'oı	95 Elm St., Woonsocket, R. I.
DUNBAR, HOWARD REGINALD	II.	'00	Canton, Mass.
Dunwoody, Preston Yarnall, 4.B.E.	IV.	'oı	238W.Franklin Ave., Minneapolis.
Du Pont, Irénée, S.B., Φ. B. E		'97	Wilmington, Del.
Du Pont, Lammot, Φ. B. E	I.	10'	Wilmington, Del.
DURGIN, CLARA ISABEL	V.	'00	Belmont, Mass.
DUTTON, FRANCIS BIRD	X.	'00	61 Hancock St., Auburndale, Mass.
EAGER, FRANK JOSEPH	III	'01	54 Quincy St., Roxbury, Mass.
EATON, HENRY CHARLES	II.	'99	50 Taylor St., Waltham, Mass.
EDGERLEY, DANIEL WILBERT	V.	'98	86 Franklin St., Camb'port, Mass.
Edson, Warren Adams		'00	11 Tremlet St., Dorchester, Mass.
ELBERT, SAMUEL BASS, X. 4	III.	'00	1030 21st St., Des Moines, Iowa.
ELLERY, JAMES BENJAMIN	V.	'99	Annisquam, Mass.
ELLIS, CARLETON	v.	'00	195 Winchester St., Keene, N. II.
EMERSON, FRANK	I.	S.	101 Blossom St., Lowell, Mass.
EMERSON, GEORGE DANA	VI.	S.	Denver, Col.
EMERY, EARLE CALDWELL	III.	S.	So Congress St., Bradford, Pa.
EMERY, GEORGE WEBSTER	III.	'00	25 Albion St., Somerville, Mass.
EMERY, LEWIS, 3D	III.	S.	80 Congress St., Bradford, Pa.
Evans, Joseph Dean, Σ. X	I.	'oı	328 Welder St., Lowell, Mass.
EVELAND, ARTHUR JOHN	III.	'oı	15 Nottingham St., D'chest'r, Mass.
EVERETT, FRANK WARREN, S.B., D. B.	E.	'97	Highland Park, Ill.
EVERETT, FREDERIC ELWIN	I.	S.	Elkins, N. H.
EVERETT, JULIAN FRANKLIN	IV.	S.	Madison, Wis.
FARNUM, DWIGHT	III.	'99	24 Elm St., Brookline, Mass.
FAUGHT, RAY CLINTON	VI.	'98	Boston, Mass.
Fearing, Albert Justin	I.	'98	South Weymouth, Mass.
FENNER, DAVID COLTON, PH.B	II.	'98	211 Fountain St., Providence, R. I.
FERGUSON, FINLEY F., A.B., B.S., Σ. X.	IV.	'98	372 Freemason St., Norfolk, Va.
Ferguson, John Berton	I.	'99	Woburn, Mass
Ferris, Emma Everest		S.	Swanton, Vt.
FIELD, FREDERICK CROMWELL, Φ. B. E.	VI.	'98	158 Hicks St., Brooklyn, N. Y.
Field, Leonard H., Jr., A.B., X.Φ.	IV.	'99	804 W. Main St., Jackson, Mich.
FIFIELD, ETHEL FRANCES, A.B	IV.	S.	17 Pleasant St., Salem, Mass.
Fifield, Frederick Alonzo	II.	'99	Methuen, Mass.
Fischer, Adolph Louis	VI.	10'	Salem, Mo.
Fisher, Howell, Δ. K. E	X.	'98	105 Howland St., Roxbury, Mass.
Fisher, Oliver Dearborn	X.	10'	71 Walker St., Newtonville Mass.
Fisk, George Farnsworth	VI.	S.	333 Hyde Park Ave., Hyde Park.
Fiske, George Isaac, Φ. B. E	VI.	'98	50 Elmore St., Roxbury, Mass.
FITCH, STANLEY GAY HYDE, Δ. K. E.	X.	'00	14 Morrill St., Dorchester, Mass.
FLANDERS, HERBERT MERRITT, Δ. K. E.	I.	'00	291 Clifton St., Malden, Mass.
Fleisher, Simon	VI.	'98	48 Lowell St., Boston, Mass.
FLEMING, EDWARD PICKERING	II.	10'	273 Yuron Ave., Camb'ge, Mass.
Flemings, John Albert	VI.	'99	393 High St., Lowell, Mass.
FLINT, CHARLES KIMBALL	Ι.	10	Beacon St., Waban, Mass.

NAME AND FRATERNITY.	COURSE.	CLASS	. HOME ADDRESS.
FLORSHEIM, LEONARD S	. I.	'OI	4913 Grand Boul., Chicago, Ill.
FLYNN, WILLIAM BURWELL, Δ. Υ.	VI.	'99	10 Fremont St., Bridgeport, Conn.
FOLJAMBE, EUGENE STILLMAN	. II.	S.	134 Huntington Ave., Boston.
FOOTE, ARTHUR BURLING	. I.	'99	Grass Valley, Cal.
FORREST, MABEL FLORA	. VII.	'98	227 Westford St., Lowell, Mass.
FOSDICK, CHARLES MUSSEY, E. A. E.	XI.	'00	128 Pritchard St., Fitchburg, Mass.
FOSTER, MORTIMER BRISTOL, O. A. X.	VI.	10'	879 Beacon St., Boston, Mass.
FOULKES, EDWARD THOMAS	. IV.	'98	821 Front St., Portland, Oregon.
FOWLE, FRANK FULLER	. VI.	'99	9 Shailer St., Brookline, Mass.
FOWLE, LEONARD MUNN	. II.	10'	166 St. Botolph St., Boston, Mass.
FOWNES, WILLIAM CLARK	, X.	'98	Pennsylvania Ave., Pittsburg, Pa.
FRANKLIN, ARTHUR IRA	. V.	'98	153 Foster St., Brighton, Mass.
FRASER, AGNES AGATHA	. VII.	S.	73 Walnut Ave., Roxbury, Mass.
FRASER, JAMES MINER	. IV.	S.	775 Doan St., Cleveland, Ohio.
FRASER, MATILA ALEXANDRA	. IV.	S.	141 White Ave., Cleveland, Ohio.
Frazer, Robert, Jr., Δ. Ψ	. IV.	'00	209 S. 3d St., Philadelphia, Pa.
FREEMAN, FREDERICK WM., A. K. E.	. III.	10	258 Mt. Vernon St., W. Newton.
FRENCH, PHILIP ROLAND	. V.	'00	36 Magnolia St., Roxbury, Mass.
FRINK, GERALD	. II.	S.	604 30th Ave. S., Seattle, Wash.
FRIZZELL, JOSEPH ALBERT		S.	212 Ashland St., Roslindale, Mass.
FROST, GEORGE ERNEST	. VI.	S.	Clear Lake, Iowa.
FRYE, ALBERT IRVIN	. I.	'98	Alameda, Cal.
FULTON, WILLIAM HOWARD	. VI.	'00	Chelmsford, Mass.
FURBISH, FREDERIC	. IV.	'98	Iowa City, Iowa.
나는 사람들이 된 중에서 함께 하지 때문에 발견하고 하면 되었다면 하는데 하는데 하다면 그 나는 그는	. VII.	S.	15 Woodlawn St., Forest Hills.
GAGE, FRANK DE MERITTE	. XI.	'00	Bradford, Mass.
GALE, GARDNER MANNING	. IV.	'99	Olean, N. Y.
GALLAGHER, EDWARD GERALD .	. VI.	S.	146 Concord St., S. Framingham.
GALLISON, ERNEST AUGUSTUS	. II.	'98	144 Shurtleff St., Chelsea, Mass.
	. VII.	10	Ledyard, Conn.
	. IX.	S.	507 Center St., Newton, Mass.
GARDNER, STEPHEN FRANKLIN .	. II.	'00	401 Charles St., Boston.
GARRETT, WILLIAM WARREN	. 111.	'OI	99 Inman St., Cambdgp't, Mass.
GASKILL, CHARLES SUTTER	. II.	S.	Mt. Holly, N. J.
Gauss, Carl Frederich	. IX.	'00	58 Lake View Ave., Camb'ge, Mass.
GEHRING, EDWIN WAGNER	. I.	'99	137 Walton Ave., Cleveland, O.
GIBBS, GEORGE CROCKER	. I.	'00	176 Pleasant St., New Bedf'd, Mass.
GIEL, MARCEL IGNAZ	.1.	10	370 Marcy Ave., Brooklyn, N. Y.
GILBERT, FREDERICK CHESTER		'98	5 Warland St., Cambrdgp't, Mass.
GILL, JAMES SEEL, Σ. X		S.	Ludlow, Vt.
Gillson, Charles Burton, Δ . T. Δ		'99	1554 Oak Ave., Evanston, Ill.
GILMORE, JOHN BYERS	. I.	S.	128 Haskell, Clinton, Mass.
GILPIN, RUSSELL	. II.	'99	1304 Brown St., Wilmington, Del.
: 프림스(이프트) (M. C. M. C.	. II.	S.	Wellesley Hills, Mass.
GILSON, HENRY ROBBINS	. II.	'00	Groton, Mass.
(2 B.F.) 그리고 있는 [1] : [2 B.F.) 하나라 있었다면 있는 [1] (1] (1) [2 B.F.) (2 B.F.) (2 B.F.) (2 B.F.) (2 B.F.)	. II.	S.	573 Potters Ave., Providence, R. I.
GLEASON, ETHEL AUGUSTA	. IX.	,01	12 Ruthven St., Roxbury, Mass.
GLOVER, GEORGE CURTIS	. IV.	'99	Melrose Highlands, Mass.

NAME AND PRATERNITY.	COURSE.	CLASS	HOME ADDRESS.
GLOVER, RUSSELL HENRY, X. P	III.	'00	Harrington, Me.
GODBOLD, CHARLES HENRY, JR	XIII.	'98	150 Trenton St., E. Boston, Mass.
GODDARD, JOHN NEWTON	V.	'98	205 E. 9th St., Plainfield, N. J.
GODFREY, WILLIAM HOLLIS, PH.B		S.	Needham, Mass.
GODLEY, GEORGE MCM., A. K. E	III.	'98	Sherman Sq. Hotel, New York.
GOLDSMITH, CLARENCE	II.	'98	Andover, Mass.
GOLDTHWAITE, HARRY WALES	II.	'99	19 Bigelow St., Brighton, Mass.
GONZALEZ, ALBERTO PRIMITIVO	III.	S.	Monterey, Mexico.
GOODRICH, ARTHUR LINSLEY	X.	'98	Stockbridge, Mass.
GOODRIDGE, FREDERICK STANLEY .	II.	'00	101 High Rock Ave., Lynn, Mass.
GOODWIN, PERCY FREEMAN		S.	53 Wildwood St., Winch'ter, Mass.
GORFINKLE, EMMANUEL	XII.	'oı	164 Walnut St., Chelsea, Mass.
GOWELL, LOUIS NELSON	IX.	'00	Weston, Mass.
GRABAU, PHILIP LOUIS	XII.	S.	194 River St., Cambridgep't, Mass.
GRAFF, SHELDON DERMITT	II.	S.	Pittsburg, Pa.
GRANT, HARRY LAMAR, A. K. E	II.	'00	520 Greenup St., Covington, Ky.
GRAVES, HAROLD SYMMES	IV.	S.	68 Ashland St., Medford, Mass.
GRAVES, HENRIETTA LOUISA		S.	107 Russell St., Waltham, Mass.
GRAY, DAVID EDGERTON, 4. B. E	VI.	S.	Highland Park, Ill.
GRAY, GRETA	IV.	10'	3 South Auburn Ave., Cinn., Ohio.
GREENE, B. W. BATCHELDER, Δ. Ψ	VII.	'00	50 rue Bassane, Paris, France.
GREER, HERBERT CHESTER	III.	'99	New Castle, Pa.
GRIFFIN, ALLEN TRISTAM	V.	'oı	40 Bell Rock, Malden, Mass.
GRIFFIN, ARTHUR EUGENE		S.	Winthrop, Mass.
GROVER, FREDERICK WARREN	VIII.	'99	16 Grover St., Lynn, Mass.
GUND, JOSEPH A	Ι.	S.	329 Empire St., Freeport, Ill.
GURNEY, EWING RUDOLPH	XIII.	S.	40 Lee St., Cambridge, Mass.
GUSTAFSON, GUSTAF EDWARD	I.	'oı	28 Jackson St., Campello, Mass.
HAINES, WILLIAM MORRIS	VI.	S.	Linwood, Maryland.
HALEY, DENNIS FREDERICK	III.	'01	48 Blossom St., Lowell, Mass.
HALL, GEORGE ANTHONY	IX.	'00	30 Exeter St., Boston, Mass.
HALL, MILTON WESTON, A. K. E	VII.	'00	Evanston, Ill.
HALL, STEPHEN MINARD	VI.	'00	427 Park Ave., Waverly, N. Y.
HALLSTROM, CARL RUBERT	***	S.	Whitford St., Rosfindale, Mass.
Hamilton, Arthur Little	III.	S.	45 Forest St., Fond du Lac, Wis.
HAMLEN, HARRY HOWARD, Z. V		S.	20 Pleasant St., Augusta, Me.
Hammond, Clifford Robson, Σ. X.		'00	294 Penna. Ave., Buffalo, N. Y.
HAMMOND, EDWARD HOSMER, 4. B. E.	v.	'99	57 Lake Ave., Newton Cen., Mass.
HAMMOND, EDWARD HOSMER, V. B. E.	I.		612 First Ave., Asbury Park, N. J.
	12000	'99 S.	Indianapolis, Ind.
HANNA, HUGH HENRY, JR.,	V 11.	S.	Franklin, Mass.
HANSOM, HELEN MACGREGOR	V	S.	72 Munroe St., Roxbury, Mass.
HANSON, HARRY CHRISTIAN	V.		그 이렇게 그렇게 되었다면 하는데 가지 그리고 있는데 얼마나 없는데 시대를 하면 없다고 있다.
Hapgood, Cyrus Howard, Δ. T	VI.	100	484 Broadway, Everett, Mass.
HARAHAN, JAMES THOMAS, JR., Σ. X.	II.	'00	5119 Jefferson Ave., Chicago, Ill.
HARDY, CHARLES ASHLEY	III.	S.	Auburnale, Mass.
HARPS, HARRY MACY	Ι.		Nantucket, Mass.
HARRIS, CHARLES HARDY		S.	17 Sawin St., Natick, Mass.
HARRIS, GEORGE LOURIE	1.	10'	Oakdale, Mass.

NAME AND FRATERNITY.	COURSE,	CLAS	ss, HOME ADDRESS,
HARRIS, RALPH, Δ . T. Δ	III.	S.	620 Miami St., Leavenworth, Kan.
HARRISON, ALFRED WILLIAM, Φ. Γ. Δ.	III.	S.	210 W. Lake St., Minn'p'lis, Minn.
HARRISON, RICHARD CARTER		S.	Braintree, Mass.
HARWOOD, CHARLES FRANK, Σ. X	II.	S.	Warren, Mass.
Hasbrouck, Ross	I.	S.	70 Market St., Poughkeepsie, N.Y.
Haselton, Barton, Σ , X	II.	S.	118 W. Garden St., Rome, N. Y.
HASKELL, GEORGE OWENS, K. A	II.	'98	128 State St., E. Savannah, Ga.
HAWKINS, LAWRENCE ASHLEY, Θ. Δ. Χ.	VI.	'99	Pittsfield, Mass.
HAYDEN, DAVID HOMER		S.	47 Howard St., Cambridge, Mass.
HAYDEN, JOSEPH ALONZO	VI.	S.	East Hartford, Conn.
Hayden, Lewis Andrews, Σ . X	III.	S.	1637 Sherman Ave., Denver, Col.
HAYDEN, LOWELL THAYER		S.	Braintree, Mass.
HAYNES, HEBER NEWTON	V.	'or	211 Essex St., Lawrence, Mass.
HAZARD, WILLIAM ABBOTT, Σ. X	I.	S.	723 3d St., Des Moines, Ia.
HAZELTINE, BENJAMIN PRESCOTT, JR.	VI.	'99	Belfast, Me.
HAZELTINE, JAMES EZRA	VI.	'98	Warren, Pa.
HAZELWOOD, SUMNER	II.	'oı	161 Allen Ave., Lynn, Mass.
HEALEY, HARRY RAYMOND	X.	'01	11 Wyoming St., Roxbury, Mass.
HEATHMAN, FRANK BOLTIN	IV.	S.	Dayton, Ohio.
HECKLE, GEORGE ROGERS	Ι.	S.	Wellesley Hills, Mass.
HEGHINIAN, GARABED G., A.B	Ι.	'99	Marash, Turkey.
Heinritz, Walter John	II.	'01	58 Pearl St., Clinton, Mass.
HENDERSON, REUBEN STEWART	Ι.	'99	Olentangy, Ohio.
HENRICH, EDWARD GEORGE	IV.	S.	69 Northampton St., Buffalo, N. Y.
HENRICH, LOUIS RICHARD	IV.	'01	69 Northampton St., Buffalo, N. Y.
HERBERT, EDWARD	VI.	'99	Broad Run, Va.
HERMAN, BERNARD	Ι.	'99	738 7th St., N. W. Wash'n, D. C.
HERMANNS, FRANK EDWARD	Ι.	'99	400 Broadway, Denver, Col.
Hern, Joseph Louis	VI.	'99	34 Sidney St., Dorchester, Mass.
HEWINS, LYMAN FOSTER	XIII.	'98	353 Wash'n St., Dorchester, Mass.
Hewitt, Henry Harwood, B. θ . Π	IV.	'99	5828 Woodlawn Ave., Chicago, Ill.
HIGGINS, ALBERT WILLIS	X.	10,	38 Woodbine St., Aub'rnd'le, Mass.
HIGGINS, GEORGE HENRY	IV.	S.	93 Leighton St., Lynn, Mass.
HIGH, CARL STOUT	VI.	'98	Arlington, Kansas.
HILDRETH, EDWARD THEODORE	V.	S.	15 Linden St., Brookline, Mass.
HILKEN, HALL GERHARD LUDEGER ,	II.	S.	Baltimore, Md.
HINCKLEY, BENJAMIN STEARNS	11.	S.	Woburn, Mass.
HINCKLEY, EVERETT HALE	X.	'99	Hyannis, Mass.
HINMAN, DEAN	1.	'99	158 Williams St., Taunton, Mass.
HINMAN, WALTER HIBBARD	X.	S.	29 Albano St., Roslindale, Mass.
HIRT, JULES HECTOR		S.	Grove St., Brookline, Mass.
HODGDON, HARRY AUGUSTINE	11.	10'	12 Pearl St., E. Somerville, Mass.
Hodsdon, Charles Wentworth .	11.	S.	48 Allston St., Cambridgeport.
HOGLE, MILTON WARD	II.	10'	33 Linden St., Rochester, N. Y.
Hogue, Chester James	IV.	S.	115 14th St., Portland, Ore.
HOLBROOK, GEORGE MYRON	V.	'00	116 Chestnut St., Cambridgeport.
HOLDEN, AMASA AMIDON	IX.	99	25 Faulkner St., Malden, Mass.
Holford, William Gordon	IV.	10	Hazardville, Conn.

NAME AND FRATERNITY.	COURSE.	CLASS	, HOME ADDRESS,
HOLLIDAY, ALEXANDER R., X. D	I.	S.	1121 N. Meridan St., Indianapolis.
HOLMES, VALDEMAR FRANK		'01	Copenhagen, Denmark.
HOOPER, HARRIS GREENWOOD		S.	102 Appleton St., Camb'ge, Mass.
HOPEMAN, BERTRAM CORNELIUS	IV.	'00	39 Lake View Pk., Roch'er, N. Y.
HOPKINS, HEBER AUGUSTUS	II.	'98	276 Pearl St., Camb'geport, Mass.
HOPKINS, ROBERT MILNE	VI.	'00	610 Cambridge St., Allston, Mass.
Hopwood, Cora Stella	VIII.	'00	205 Austin St., Worcester, Mass.
Horne, Lewis Winslow	XIII.	10	68 Hawthorne St., Malden, Mass.
Horsey, Burton Tuttle	XIII.	'01	143 Park Ave., Utica, N. Y.
Horsey, Outerbridge, Jr	VI.	S.	Burkittsville, Maryland.
HORTON, FRANK NELSON	II.	S.	Southbridge, Mass.
HORTON, RALPH TUCKER	I.	'98	Foxboro, Mass.
HOUGH, WILLIAM BALDWIN, A. T	II.	'00	705 W. 3d. St., Williamsport, Pa.
HOUNSFIELD, LAMMOT DU PONT, Φ. B.		'or	Louisville, Ky.
House, John Henry, Jr		S.	Salonica, Turkey.
HOWARD, ARTHUR FISKE, B.S., X. 4		'98	56 Middle St., Portsmouth, N. H.
Howe, Herbert Holmes		S.	21 Harvard Ave., Brookline, Mass.
HOXIE, TIMOTHY WRIGHT	II.	S.	274 Walnut Ave., Roxbury, Mass.
HUBBARD, HARRY VINCENT	IV.	'00	102 Main St., Taunton, Mass.
HUBBARD, WILLIAM HENRY	V.	S.	Charleston, S. C.
HUBBARD, WINFRED DEAN	XI.	'98	Concord, Mass.
HUDSON, HENRY NORMAN	II.	'01	12 Lee St., Cambridge, Mass.
HUGHES, CHARLES HAYNES	II.	'00	23 Concord Sq., Boston, Mass.
HUGHES, RAYMOND MOLLYNEAUX .	V.	S.	169 King Ave., Columbus, Ohio.
Hume, George Seward	VI.	S.	Eastport, Me.
HUNT, HARRY LEIGH	VI.	S.	Willimantic, Conn.
HUNT, HERMAN REYNOLDS	XIII.	'00	108 Court St., New Bedford, Mass.
HUNTINGTON, GEO. D., A.B., Ψ. T.	I.	'98	526 West St., Rochester, N. Y.
HURD, WILLIAM ROBINSON	II.	S.	8 Butler St., Dorchester, Mass.
HÜRTER, CHARLES SWANBERG	III.	'98	21 Water St., Hyde Park, Mass.
Huse, Arthur Wood	I.	'98	Newburyport, Mass.
HUSE, FRANK JAMES	II.	S.	1715 Orrington Ave., Evanston, Ill.
Hussey, James Whittlesey	XIII.	'00	1531 Cherry St., Toledo, Ohio.
HUTCHINSON, GEORGE ANTHONY	II.	'98	14 Wales St., Dorchester, Mass.
Hutchinson, John Albert		'01	North Evans, N. Y.
HYDE, AUSTIN TABER		10	33 Harris St., Waltham, Mass.
Ingalls, Frederick Du Bois	II.	'00	679 Broadway, Kingston, N. Y.
Ingalls, Harry Creighton, Δ. K. E.	IV.	'98	229 Ocean St., Lynn, Mass.
Isaacs, Irving Cornelius		S.	4336 Grand Boulevard, Ch'go, Ill.
Isham, Alonzo Keyt, Σ. A. E	II.	10'	849 Oak Ave., Walnut Hills, Ohio.
IVERSON, CARL APPLETON	XIII.	'01	85 Lathrop St., Beverly, Mass.
Jackson, Jerome Paul, A. Δ. Φ		'00	Swampscott, Mass.
Jackson, Willard Franklin	IV.	'00	560 Summer St., Campello, Mass.
JACOBY, ARELI HULL	v.	'98	144 W. F'klin St., Wilkesbarre, Pa.
JAMES, HENRY PHILIP		'99	Kendall Green, Mass.
JEFFORDS, ALEXANDER HAY BRAND .	II.	'OI	2027 Walnut St., Philadelphia, Pa.
JENNINGS, ALFRED CHAPPELL	XIII.	'01	18 Huntington St., New L'don, Ct.
Jennings, Levi Brown	I.	'00	Newton Lower Falls, Mass.

NAME AND FRATERNITY.	COURSE.	CLASS	s. HOME ADDRESS,
JENNINGS, WALTER UPHAM	I.	'00	Newton Lower Falls, Mass.
JENSEN, HANS PETER		'99	85 Pearl St., Cambridge, Mass.
JEWETT, ARTHUR CRAWFORD	II.		1835 Superior St., Toledo, Ohio,
JILLSON, DOUGLAS COURZAN, X. 4.	II.	'oı	1421 Delaware St., Ind'apolis, Ind.
JOHNSON, BENJAMIN ROBERT, A. Δ. Φ.		S.	612 Madison Ave., Albany, N. Y.
JOHNSON, CARL FRANCIS	2.27	S.	67 Westland Ave., Boston, Mass.
JOHNSON, CHARLES CHAPLIN	. X.	'00	Danversport, Mass.
JOHNSON, DANIEL STEWART	III.	S.	Short Hills, N. J.
JOHNSON, EDWARD, JR	I.	'98	178 Marlboro St., Boston, Mass.
JOHNSON, HARRY GEORGE, Φ. B. E	V.	'99	Auburndale, Mass.
JOHNSON, HORACE	V.	'ot	61 Federal St., Newburyp'rt, Mass.
JOHNSON, LANE	II.	'99	338 Olive St., Kansas City, Mo.
JOHNSON, PAUL FRANKLIN	II.	'98	67 Westland Ave., Boston, Mass.
JONES, BASSETT, JR., Δ. T	VI.	S.	207 W. 84th St., New York City.
JONES, FREDERIC ALEXANDER	I.	'98	Needham, Mass.
Jones, Frederick Hooper	V.	S.	South Lincoln, Mass.
Jones, Samuel Fosdick, Δ . Ψ	VII.	S.	228 W. 7th St., Cincinnati, Ohio.
JOUETT, HENRY DETRICT, Δ. T. Δ.	I.	'00	37 Chester St., Somerville, Mass.
KATTELLE, WALTER ROBY	IV.	'00	Auburndale, Mass.
KAUFMAN, IRVIN HAYES	II.	'98	University Road, Brookline, Mass.
KEAY, HERBERT ORESTER	П.	00	Kingston, N. H.
KEENE, ARTHUR SAMUEL, Δ. T	IV.	'98	41 Murdock St., Brighton, Mass.
KEITH, LEIGH SHELTON	VI.	'00	North Easton, Mass.
Kelley, Herbert Lloyd	IV.	'OI	1175 Montello St., Campello, Mass.
KELLEY, WILL GHOST		10'	914 No. 6th St., Burlington, Iowa.
KELLEY, WILLIAM		S.	71 Worcester St., Boston, Mass.
KELLEY, WINGATE		10'	17 Grant St., Haverhill, Mass.
KELLOGG, FRANKLIN MINER		'98	West Stafford, Conn.
KELLY, JOHN FRANCIS		S.	Meade Ave., Passaic, N. J.
KENDALL, ARTHUR ISAAC		S.	388 Broadway, Somerville, Mass.
Kendall, Frederic Morris	IV.	S.	Framingham, Mass.
KENDALL, ROBERT EVERETT	v.	'98	193 Fairmont Ave., Hyde Park.
KENNARD, WILLIAM OLIVER	VI.	10,	27 Everett St., Everett, Mass.
KENNEDY, HERBERT HARLEY, Z. Ψ.		10,	South Framingham, Mass.
Kenrick, Jeannie Baldwin	VII.	s.	Newton, Mass.
Keys, Harry Montifix		'99	Linden, Md.
KIMBALL, ELWELL FAIRFIELD	I.	'98	2 Otis Place, Newburyport, Mass.
KIMBALL, FRED LEWIS HOLT		'99	Newton Lower Falls, Mass.
KIMBALL, WALTER EVERARD		'98	I Robin Hood St., Roxbury, Mass.
KING, WILLIAM BRAMAN		'98	11 Merlin St., Dorchester, Mass.
KINGMAN, WILLIAM ALDEN	V.	'99	South Framingham, Mass.
KINSMAN, WILLIAM ABBOT		99	24 Church St., Salem, Mass.
KLYVER, ALBERT NIELSON	11.	10	Skydebanegade, Copenhagen, Denmark.
KNIGHT, GEORGE WASHINGTON	V.	'00	38 Rosseter St., Dorchester, Mass.
KNOX, KING HARDING, Σ. A. E			320 Church St., Baton Rouge, La.
Koch, Carleton Spayth, X. ф		'98	1140 Main St., Buffalo, N. Y.
Koch, Harry George, X. Ф		'01	199 25th St., Milwaukee, Wis.

NAME AND FRATERNITY.	COURSE,	CLASS.	HOME ADDRESS.
KUTTROFF, EDWIN	Χ.	'98	17 East 69th St., New York City.
LACAFF, FLORIAN LEO	IV.	S.	Nevada, Mo.
Lacy, Robert, A.B., Φ , K. Ψ	I.	'98	1630 Linden Ave., Baltimore, Md.
LACY, VOLNEY ELI	XIII.	S.	Put-in Bay, Ohio.
LAINE, WILLIAM BREWSTER	IV.	S.	Atlanta, Ga.
LAING, MINERVA ABIGAIL	VII.	S.	Granville, N. Y.
LANE, EDWARD PERCY	I.	'98	Manchester, Mass.
LANE, FRANK GEORGE, Σ. A. E	11.	'ot	259 Vaugham St., Portland, Me.
LANGFORD, GRACE	VIII.	'98	Chiltonville, Plymouth, Mass.
LANSINGH, VAN RENSSELAER, B.S	VI.	'98	5109 Kimbark Ave., Chicago, Ill.
LARRABEE, JOHN HEBER	I.	S.	34 Foster St., Melrose, Mass.
LAWRENCE, AMOS AMORY, A.B	IV.	S.	59 Commonwealth Ave., Boston.
LAWRENCE, ELLIS FULLER	IV.	'01	17 Rockland Ave., Malden, Mass.
LAWRENCE, HERBERT EVERETT	IV.	'99	Ayer, Mass.
Lawrence, Lewis Morse	IV.	'00	9 Grant St., Dorchester, Mass.
Laws, James Bradford, Δ. Ψ	IX.	'01	3003 Reading Road, Cincinnati, O.
LEACH, ROBERT HOWLAND	III.	'00	28 W. Elm St., Brockton, Mass.
LEARNARD, HARRINGTON DE WITT .		S.	50 Worcester St., Boston.
LEARY, CHARLES ARTHUR	II,	S.	79 Charles St., Waltham, Mass.
Leavitt, Henry Foss	I.	S.	Saco, Me.
LE BOSQUET, JOHN ELLIOTT	II.	'OI	Pine Bluff, Ark.
LEE, WALTER HENRY	IV.	'98	Home City, Ohio.
Leeds, Charles Tileston			Newton, Mass.
Leiper, James Gerhard, Jr	II.	S.	1602 Master St., Philadelphia, Pa.
Lennan, Thomas Frank		S.	Belmont, Mass.
Leonard, Clifford Milton, Δ . T. Δ .	Ι.	'00	2501 Michigan Ave., Chicago, Ill.
Leonard, Louis Roussy	IV.	S.	930 Dorchester Ave., Dorchester.
Leonard, Owen Lewis	V.	'98	Newton Centre, Mass.
LEWIS, CLANCEY MONTANA			Ketchum, Idaho.
Lewis, Joseph Elliot	II.		Charlemont, Mass.
Lewis, Rondel	V.	'00	21 Hillside Ave., Malden, Mass.
LILIENCRANTZ, EDITH ELEANOR	IV.		359 Telegraph Ave., Oakland, Cal.
LINCOLN, CHAS. THAYER	V.	'OI	11 St. James Ave., Boston.
Lincoln, Francis Church	III.	'00	11 St. James Ave., Boston.
LINDSLEY, FREDERICK C., Φ. B. E	Ι.	S.	1320 I St., N.W., Washington, D.C.
LINGLEY, ROBERT ROSS	II.	00	28 Ash St., Cambridge, Mass.
LIPPINCOTT, JESSE TREADWELL	X.	'98	Mt. Auburn, Cincinnati, Ohio.
LITTLE, ARTHUR		'01	Newbury, Mass.
LITTLE, EDMUND COOK	IV.	'98	77 Mansur St., Lowell, Mass.
LITTLE, JAMES LOVELL, JR		S.	Brookline, Mass.
LITTLEFIELD, FRANK WILLIAM	***	'00	62 Franklin St., Peabody, Mass.
LITTLEFIELD, HOMER		'00	1813 3d Ave., Watervliet, N. Y.
LITTLEFIELD, ROBERT STANLEY	**	10'	321 Broadway, Somerville, Mass.
LOHBILLER, HARRY JOHN		S.	21 Cranston St., Jamaica Plain.
LOMBARD, PERCIVAL HALL, A.B		'98	130 Newbury St., Boston, Mass.
Long, John William		'01	71 Moulton St., Charlesto'n, Mass.
LOOMIS, ALLEN, Ψ. Υ II		'99	Jackson, Mich.
LOOTZ, EMMA		S.	116 St. Botolph St., Boston, Mass.

NAME AND PRATERNITY.		OURSE.	CLASS	HOME ADDRESS.
LORD, CHARLES EDWARD		VI.	'98	63 Col'bus Ave., Somerville, Mass.
LORING, CONRAD		II.		1731 Br'dway, San Francisco, Cal.
LORING, RALPH STOODBY		I.	'01	78 Highl'nd Ave., Som'rville, Mass.
LOUD, RALPH WHITE		I.		Weymouth, Mass.
LOVEMAN, LEE ROSENBERG		VI.	'99	312 Euclid Ave., Nashville, Tenn.
Low, David			S.	3 Angle St., Gloucester, Mass.
Lunan, Thos. Mason		V.		Andover, Mass.
LUNDIN, LAURA MARIE		VIII.	'01	613 Putnam Ave., Cambridgeport.
LUYTIES, OTTO GERHARD		VI.	'00	328 E. 15th St., New York, N. Y.
LYNCH, GEORGE EDWARD		II.	S.	48 Lincoln St., Hyde Park, Mass.
McAllep, James Albert		VI.	10'	Eastport, Maine.
McAusland, William Ritchie .		V.	S.	2216 Davenport St., Omaha.
McConnell, Walter Gardner .		XIII.	'98	516 Warren St., Roxbury, Mass.
McCrea, Almeron Wallace		IV.		1661 Blair St., St. Paul, Minn.
McCrudden, Francis Henry	3	V.		134 Castle St., Boston, Mass.
McDaniel, Allen Boyer		IV.	'01	Newton Centre, Mass.
McDonald, Charles Snead		IV.	'99	Louisville, Ky.
McDonald, Harry Peake, Jr		II.	10'	133 Vernon St., Newton, Mass.
MACE, CHAS, AUSTIN		V.	'oı	19 Ashland St., Dorchester, Mass.
MACFARLANE, DAVID HURON		IV.	S.	85 Church Hill Ave., Westmount,
				Montreal.
McGann, John Frederick		II.	'OI	45 Putnam St., Somerville, Mass.
		II.	'00	14 Berkeley St., Lawrence, Mass.
McInnes, Angus Archie		I.	'01	23 Salcombe St., Dorchester, Mass.
MACINTIRE, BENJAMIN GOULD	*	V.	'00	80 Worcester St., Boston, Mass.
McIntosh, James William	-	II.	S.	60 Sheridan St., Jamaica Plain.
McIntyre, Frederick William .		VI.	10'	Thirty-second St., Chelsea, Mass.
McIntyre, James Sherwood		IV.	S.	69 Willis St., New Bedford, Mass.
McJunkin, Paul	5	VIII.	'98	7 St. Paul St., Boston, Mass.
MACKEEN, ISAAC A		I.	'00	8 Beckett St., Peabody, Mass.
McKissick, Stuart		Χ.		Easthampton, Mass.
MacLeod, Grace	*	V.		146 Mt. Auburn St., Cmb'dg, Mass.
McMaster, Herbert Milton .		VI.	S.	Portland, Oregon.
McNeil, Hector		I.		29 Stanley St., Dorchester, Mass.
Macpherson, Herbert Austin .	٠	XIII.		20 Garden St., Medford, Mass.
Madero, Alberto	*	II.		Parras-Coahuila, Mexico.
Madero, Alfonso		111.		Parras-Coahuila, Mexico.
Madero, Emilio		III.		Parras-Coahuila, Mexico.
Madero, Salvador S	*	Ш.		Parras-Coahuila, Mexico.
Magee, Guy, Jr., Σ . X	*	XI.		2646 Magnolia Ave., Chicago, Ill.
Magee, John		II.		Wenham Depot, Mass.
Magee, Francis Joseph		I.		West Newton, Mass.
Mahar, James Joseph		II.		648 Eighth St., S. Boston, Mass.
MANLEY, SUMNER MARSHALL		II.		Brockton, Mass.
Mara, Susan L		***	S.	93 Pembroke St., Boston, Mass.
MARCUS, HENRY CHARLES	*	III.		Menlo Park, Cal.
Marsh, George Everett	*	VI.		Georgetown, Col.
MARSHALL, HARRY HALE		VI.	10'	South Framingham, Mass.

NAME AND FRATERNITY.	COURSE,	CLASS	HOME ADDRESS,
Marshall, William Adamson .	. x.	'98	Corey Hill, Brookline, Mass.
	. IV.	'01	Antrim, N. H.
MARTIN, LEONORA DE LAVAL	100000	S.	Palmyra, Missouri.
MATHESON, WILLIAM SCOTT	. II.	'99	Tatamagouche, N. S., Canada.
MATHEWS, GEORGE EUGENE	. IV.	'98	1624 East 3d St., Dayton, Ohio.
MAXFIELD, DANIEL ELLWOOD	**	100	Amesbury, Mass.
MAXON, HARRY WESCOTE	. IV.	S.	128 Main St., Westerly, R. I.
MAYER, DURAND	. VI.	'98	144 Madison Ave., New York City.
MAYHEW, HAROLD BAKER	-	'00	West Tisbury, Mass.
MEAD, EDWIN BRADLEY	. IV.	S.	217 West 7th St., Erie, Pa.
MELCHER, ARTHUR CLARKE	. v.	'00	Newton Centre, Mass.
MERRIAM, CHARLES ARTHUR	. II.	S.	163 Ashley Ave., Charleston, S. C.
MERRICK, FREDERIC ICKES, Χ. Φ	. IV.	S.	1435 Third Ave., New Brighton, Pa.
MERRICK, SILAS CLARENCE, Χ. Φ .	. II.	'or	New Brighton, Pa.
MERRILL, ALBERT SIDNEY	. X.	'00	20 Ellis Ave., Malden, Mass.
MERRILL, LESLIE EATON	. II.	'00	48 Highland Ave., Haverhill, Mass.
MILLAR, LESLIE WALKER, Σ. A. E.	. XIII.	S.	116 West Concord St., Boston.
MILLER, BENJAMIN	. VI.	10	7 East 8th St., Cincinnati, Ohio.
MILLER, LEWIS ARTHUR	. I.	'00	North Easton, Mass.
MILLER, LESTER FREEMAN	. IV.	10'	Pepperell, Mass.
MILLER, STUART BERWICK	. X.	'00	148 Hancock St., Cambridge.
MILLIKEN, CARL SPENCER	. VII.	'99	414 Salem St., Malden, Mass.
MILLIKEN, SUMNER MOULTON, Σ. A. B	. I.	'98	14 School St., Saco, Me.
MINARY, THOMAS HELM	, II.	'00	Louisville, Ky.
Minns, Grace Winchester		S.	191 Commonwealth Ave., Boston.
MITCHELL, FRANK KELLOCK			53 Oak St., Hyde Park, Mass.
MITCHELL, GEORGE LE ROY			Kirkwood, Ill.
Moebs, Joseph Julius			235 Magnolia St., Dorchester.
Möller, Albert Voltaire, Δ. K. F			Galveston, Texas.
Mommers, Richard, X. Φ		1.70	South Manchester, Conn.
Monaghan, James Francis			18 Bleachery St., Lowell, Mass.
Montgomery, Robert James	. V.		Bacon St., Natick, Mass.
Moody, George Barrell		'00	214 Broadway, Bangor, Me.
Moore, Clarence Alfred	. X.		Arlington, Mass.
Moore, Philip Wyatt	1.22		268 Kent St., Brookline, Mass.
Morgan, Harold Loomis		S.	7 Lincoln St., Springfield, Mass.
Mork, Harry Solomon			19 Waumbeck St., Roxbury, Mass.
MORRILL, EDWARD FRANCIS			So Snow St., Fitchburg, Mass.
Morris, Henry Curtis	. III.		225 Dearborn Ave., Chicago.
Morris, William Longfellow .			1309 Kenesaw Ave., Wash'n, D.C.
Morse, Benjamin Eames	. II.		Canton, Mass.
	. II.,VI.		8 Ashford St., Allston, Mass.
Morse, Henry Grant, Jr., Δ. Ψ	-		800 Delaware Ave., Wilm'ton, Del.
Morse, John Russell			932 N. Main St., Brockton, Mass.
MOTCH, STANLEY, Δ. T	lan out the		1553 Madison Ave., Covington, Ky.
MOTT-SMITH, MORTON CHURCHILL			911 Boylston St., Boston, Mass.
Moulton, Walter Augustus	. III.		10 Upland Ave., Dorchester, Mass.
Muhlig, James Fred	. II	'98	40 N. Main St., Natick, Mass.

NAME AND PRATERNITY.	COURSE.	CLASS	HOME ADDRESS,
Murray, Řay, Φ. B. E	I.	'oı	Pleasant Valley, N. Y.
NATHAN, ALBERT FRANKLIN, JR	X.	'99	Kansas City, Mo.
NEALL, NEWITT JACKSON	II.	'00	2526 N. 10th St., Philadelphia, Pa.
NEIDICH, SAMUEL A., PH.B	II.	'98	Carlisle, Pa.
NELSON, WILLARD BUNDY	VI.	'98	14 Boyls'n Terrace, Jamaica Plain.
NESMITH, THOMAS, JR., A. T. A	II.	'00	2 Park St., Lowell, Mass.
NEWBURY, GEORGE KELLOGG	XIII.	'98	125W. Franklin St., Jackson, Mich.
NEWELL, LESTER ALLAN	III.	'99	Southbridge, Mass.
NEWELL, WILLIAM STARK	XIII.	'99	Winchester, Mass.
NEWHALL, HENRY BORDEN, O. B. E	VI.	'98	828 Arlington Av., Plainfield, N. J.
NICHOLS, JAMES Y. S	IV.	S.	100 Meeting St., Providence, R. I.
NICKERSON, CLARENDON	Χ.	'98	25 Rockville Park, Roxbury, Mass.
NILES, WILLIAM AVERY, Γ. Δ. Ψ	11.	10'	374 Lennox St., New Haven, Conn.
Nims, Lester Albert	I.	'or	234 Court St., Keene, N. H.
Nolte, Julius	II.	S.	803 Centre St., Jamaica Pl., Mass.
North, Edward	III.	'00	Edgehill Road, Brookline, Mass.
NORTON, CLIFFORD	II.	'00	6 Mansfield St., Everett, Mass.
Noyes, HARRIETTE NILES	VII.	S.	Mattoon, Ill.
NUTTER, ALFRED DE WITT	I.	'01	28 Shurtleff St., Chelsea, Mass.
OBER, JULIUS EDWARD	v.	'oı	7481 Tremont St., Boston.
O'HANLON, THOMAS JOSEPH	VI.	'oı	Chinook, Mont.
O'HERN, TIMOTHY CYRIL	X.	'99	43 Cedar St., N. Camb'dge, Mass.
O'LEARY, WILLIAM H. J., A.M	VI.	'99	Richibucto, N. B.
Oppenheim, Robert Emmet	II.	'00	Hotel Netherlands, New York.
ORDWAY, DANIEL LEIGHTON	V.	'oı	Newton Centre, Mass.
Osgood, Harry Edmund	II.	[†] 00	272 Irving Ave., Chicago, Ill.
Osgood, Henry Douglas	XI.	°98	1822 H St., N. W., Wash'n, D. C.
Osgood, Isaac	II.	'00	West Newton, Mass.
OXNARD, HORACE WHITCOMB	I.	'00	Norway, Me.
PACKARD, ALPHEUS APPLETON, A. Δ. Φ.	XIII.	'98	275 Angell St., Providence, R. I.
PACKARD, EDWIN AUGUSTUS	II.	'99	Mansfield, Mass.
PAGE, CHARLES BARNARD	XIII.	'99	259 Wash'n St., Dorchester, Mass.
PAGE, WALTER, A. V	XIII.	'98	253 Beacon St., Boston, Mass.
PALMER, WORTHINGTON, A. K. E	550753	S.	282 State St., Albany, N. Y.
PARASCHOS, GEORGE THEOPHANE	I.	'or	Regie des Tabacs, Constantinople.
PARKER, WILL ROGERS	VI.	'98	109 Islington St., Portsm'th, N. H.
PARKER, WILLIAM EDWARD	I.	'99	311 Huntington Ave., Boston.
PARROCK, PERCY HARRY	II.	'01	237 Arlington St., Youngstown, O.
PATCH, CLAUDE ELFRED	XIII.	10'	28 Lincoln St., Stoneham, Mass.
PATCH, JAMES ALFRED	X.	'99	Stoneham, Mass.
PATCH, NATHANIEL KNIGHT BAILEY .	XI.	'01	892 Elmwood Ave., Buffalo, N. Y.
PATTERSON, MARION DEAN	2411	S.	96 Main St., St. Johnsbury, Vt.
Paul, Charles Edward	II.	'00	36 High St., Belfast, Me.
PAYNE, ARTHUR WARREN	XI.	'or	14 Webster St., Winchester, Mass.
PEARSON, PHILIP COOMBS	V.	'01	7 Pond St., Newburyport, Mass.
	II.	'98	Marlboro, N. H.
	I.	'98	6 Holden St., Malden, Mass.
그래마하다 아마니 아마아 아마아 그래 아마아아아아아아아아아아아아아아아아아아아아아아아아아아	VIII.	'00	Wellington, Mass.
Peck, Arthur Stearns		00	The state of the s

NAME AND FRATERNITY.		OURSE.	CI 188	HOME ADDRESS.
Desired March 1971		VI.		
PENARD, THOMAS EDWARD PENDELL, CHARLES WILLIAM			S.	Paramaribo, Surinam, D. G., S. A.
PENDLETON, EVERETT HALL	*	VI.	'98	Cleburne, Texas.
Pennock, George Alger			'01	27 Maple St., Taunton, Mass.
	٠	II.	99	Weston, Mass.
D c cr		III.	'01	3117 Washington St., Roxbury.
	*	II.	'99	18 Brown St., Salem, Mass.
Depolition Land M. O		Yer	S.	Exeter, N. H.
Th	*	VI.	S.	Arlington Heights, Mass.
44		II.	S.	374 Front St., Chicopee, Mass.
Donny France Description		V.	S.	158 Riverside Av., Medford, Mass.
D	٠	II.	'98	60 Laurel Hill Av., Norwich, Conn.
D		XIII.	'OI	282 Nesmith St., Lowell, Mass.
Persons, Ashton Clifford		II.	S.	Crete, Nebraska.
		V.	,01	Winsted, Conn.
PETERS, ANTHONY WINFRED PETERSON, GRACE OTIS	*	I.	'ot	Gould St., West Roxbury, Mass.
	*	VII.	S.	44 Princeton St., E. Boston, Mass.
	٠	III.	'01	Duxbury, Mass.
PHALEN, WILLIAM CLIFTON PHELPS, EARLE BERNARD		V.	'99	13 Sadler St., Gloucester, Mass.
PHELPS, EARLE BERNARD	*	V.	'99	New Brunswick, N. J.
PHILBRICK, JOSEPH ERNEST PHILBRICK, SHIRLEY SEAVEY		Х.	'01	I Walon St., Roxbury, Mass.
	+	II.	'98	Rye Beach, N. H.
PICKARD, GREENLEAF WHITTIER .		V.	S.	16 Cumberland St., Boston, Mass.
PIERCE, EDWARD EVERETT		XIII.	'99	70 Cedar St., Malden, Mass.
PIGEON, WILLIAM GARDNER		IV.	'co	139 Trenton St., E. Boston, Mass.
PILGRIM, ARTHUR LAYTON			S.	40 Upton St., Boston, Mass.
PINKHAM, RALPH HOWARD	*	Ι.	'99	Greenwood, Mass.
PITCHER, EDMUND HENRY		11.	'00	Keene, N. H.
PITTS, EARL PHELPS		II.	'01	480 Main St., Fitchburg, Mass.
		III.	'00	Milton, Mass.
PORTER, ARTHUR FELIX		v.	'98	16 Neponset Ave., Hyde Park.
PORTER, JOHN LEWIS		VI.	'00	15 Quincy St., North Adams, Mass.
POTTER, PHILIP ARTHUR		II.	10,	70 Sherman St., Springfield, Mass.
POTTER, SARAH EMELINE		VII.	S.	Acworth, N. H.
Pough, Francis Harvey		VII.	10'	146 Hicks St., Brooklyn, N. Y.
PRATT, ROBERT WINTHROP, JR		I.	'98	Waban, Mass.
PRATT, WALTER DILLABY	٠		S.	102 W. Newton St., Boston, Mass.
PRAY, DUDLEY MALCOLM	٠	V.	S.	508 Broadway, S. Boston, Mass.
PRICE, PAUL LEON		IV.	'00	Winterset, Iowa.
PRICE, WILLIARD ATHERTON		I.	'99	1370 Race St., Denver, Col.
PRIEST, BENSON BULKELEY	*	I.	'98	Littleton, Mass.
PRIEST, GEORGE HEYWOOD		X.	'99	56 Prospect St., Waltham, Mass.
PRIEST, RUSSELL PARKER		I.	'00	33 Cedar St., Malden, Mass.
PRIEST, WARREN ALBERT		VII.	'99	100 Homestead St., Roxbury, Mass.
PROCTOR, ALFRED WATERS		VI.	'99	219 W. Springfield St., Boston.
		I.	10'	270 Walnut St., Holyoke, Mass.
PROUBX, ELZEAR JOSEPH				
PROUBY, ELZEAR JOSEPH PUCKEY, FRANCIS WILLARD		IV.	'01	3 C 7 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1
PROUBX, ELZEAR JOSEPH			'01 '01	93 N. Franklin St., Wilkes-Barre. 28 Soley St., Charlestown, Mass.

NAME AND FRATERNITY. C	OURSE.	CLASS.	HOME ADDRESS.
PUTNAM, WILLIAM EDWARD, JR	IV.	'98	Clark Road, Brookline, Mass.
RAIFE, CLAUDE BYRON	IV.	'oı	68 W. River St., Wilkes-Barre, Pa.
RAND, NATHANIEL DWIGHT	VI.	S.	East Watertown, Mass.
RAND, WILLIAM PROUDMAN	IV.	'00	54 Lowell St., Peabody, Mass.
RAPP, WALTER LOUIS, Δ. Υ	IV.	S.	1339 Chapel St., Cincinnati, O.
RASH, FRANK DILLMAN	III.	S.	Earlington, Ky.
RATHBUN, FRANK DE GRAFF	III.	S.	Southampton, Mass.
READ, WALTER AUGUSTINE	VI.	'01	24 St. Stephen St., Boston, Mass.
REAL Y GAILLARD JUAN, A.B	I.	'99	Santiago de Cuba.
REARDON, THOMAS FRED. EUGENE .	VI.	S.	Wellesley, Mass.
RECORD, CHARLES ARTHUR	11.	'or	112 Otis St., Medford, Mass.
REDMAN, ARTILLE	I.	'00	Belfast, Me.
REGESTEIN, ERNEST ALBRECHT	VI.	'99	92 Wyman St., Jamaica Plain.
REIMER, ARTHUR ADAMS	I.	'00	28 N. Maple Ave., E. Orange, N. J.
REMINGTON, WOLCOTT	VI.	'00	Windsor, Conn.
RENSHAW, CLARENCE	VI.	'99	1907 Park Ave., Baltimore, Md.
REYNOLDS, ALBERT A	V.	S.	10 Pleasant St., N. Adams, Mass.
RICE, WILLIAM PAUL	V.	'01	3312 Wabash Ave., Chicago, Ill.
RICE, WINTHROP MERTON	XIII.	'01	8 Summer St., Stamford, Conn.
RICHARDSON, CHESTER AUGUSTUS .	I.	'00	Pelham, N. H.
RICHARDSON, CLINTON LEROY	I.	'00	Winchester, Mass.
RICHARDSON, EDWARD BRIDGE, Δ. Ψ.	VI.	'98	155 Beacon St., Boston, Mass.
RICHARDSON, ELIZABETH M	VII.	S.	13 Laurel St., Roxbury, Mass.
RICHARDSON, FRANK LINDEN	VII.	S.	Concord, Mass.
RICHARDSON, JAMES HERBERT	I.	'99	Newtonville, Mass.
RICHARDSON, MAURICE FREDERIC .	11.		East Providence, R. I.
RICHARDSON, PHILIP, A.B	IV.	S.	Cottage St., Brookline, Mass.
RICHMOND, GERALD MARTIN, A. Δ. Φ.	VI.	'99	30 King St., Worcester, Mass.
RICHMOND, HENRY PARSONS	IV.	'98	Providence, R. I.
RICHMOND, MILES STANDISH, Δ. Υ	IV.	S.	Clinton Road, Brookline, Mass.
RICKARDS, BURT RANSOM	V.	'99	70 Wyoming Ave., Malden, Mass.
RIDDLE, HERBERT HUGH	IV.	'99	Trinity Ct., Boston, Mass.
RIDDLE, LEWIS WETMORE	XIII.	'99	Trinity Ct., Boston, Mass.
RIKER, GEORGE HAYES	Χ.		Belmont St., Somerville, Mass.
RILEY, FRANK MORRIS	IV.	S.	15 W. Gilman St., Madison, Wis.
RILEY, JOSEPH CAINS	11.	'98	13 Spring Pk. Ave., Jamaica Plain.
RIPLEY, PHILIP FRANKLIN	V.		48 Central St., Andover, Mass.
Ritchie, Andrew Eliot, Δ . Ψ	11.	10'	268 Walnut St., Brookline, Mass.
RITCHIE, EDWARD WARREN	IV.		Newton Highlands, Mass.
ROAF, EDWARD WALTER	Ι.	S.	16 Boardman St., Nwb'rypt, Mass.
Roberts, Robert Parker	III.		42 Quincy St., Roxbury, Mass.
ROBERTS, THOMAS MAYO	VI.	'98	755 Tremont St., Boston, Mass.
ROBERTSON, SAMUEL BROWN	I.		East Milton, Mass.
ROBINSON, CHARLES LOUIS	XI.		Hawthorne, Fla.
ROBINSON, JOHN TILDEN, JR	II.		Hyde Park, Mass.
ROBINSON, RALPH CHANDLER	V.		North Andover Depot, Mass.
Robinson, Thos. Pendleton, Φ. B. E.	IV.		3129 Page St., Philadelphia, Pa.
ROBSON, EDWARD RIGGS	IX.	S.	Wellesley Hills, Mass.

NAME AND FRATERNITY,	COURSE.	CLASS	HOME ADDRESS.
ROCKWOOD, CHARLES PARKMAN, X. 4	IV.	S.	1212 N. Alabama St., Indianapolis.
RONEY, WILLIAM WHEELER	. II.	'or	5 Columbia St., Brookline, Mass.
ROOT, RALPH, Δ. Υ	. III.	S.	100 Harrison St., E. Orange, N. J.
ROSNOSKY, SAMUEL FABIEN	. VI.	'OI	130 Dartmouth St., Boston, Mass.
Ross, John Alexander, Jr	. II.	10'	Hampton, N. H.
Ross, Sidney Fuller	. IV.	S.	Arlington, Mass.
ROSSMASSLER, RICHARD CARL	. XIII.	S.	607 Church Lane, Germnt'wn, Pa.
Rowe, Allan Winter	. X.	'oı	194 Hunt'gton Ave., Boston, Mass.
RUSS, ERNEST FRANK	. IX.	'98	193 W.Brookline St., Boston, Mass.
RUSSELL, BENJAMIN, F. W., A. K. E.		'98	Concord Junction, Mass.
RUSSELL, GEORGE EDMOND		'00	85 Montvale Ave., Woburn, Mass.
RUTHERFORD, EUGENE WHITE	. II.	'98	231 Jefferson Av., Brooklyn, N. Y.
ST. CLAIR, SAMUEL WINTHROP .		10	3 St. Paul St., Boston, Mass.
SAMMET, GEORGE VICTOR	. v.	'01	73 Sheridan St., Jamaica Plain.
SAMUELS, EDWIN FRANCIS		'99	21 Austin St., Hyde Park, Mass.
SANDERS, WARREN WILLARD		'00	West Gardner, Mass.
SARGENT, HOMER EARLE, JR., PH.B.		'98	Lexington Hotel, Chicago, Ill.
Saunders, William Colegrove .		S.	67 Peter Parley St., Jamaica Plain.
Sawtelle, Harry Francis		'98	12 Magazine St., Cambridge, Mass.
SAWTELLE, WILLIAM OTIS, A. K. E.	VIII.	'98	50 Penobscot St., Bangor, Me.
SAWYER, HAVEN, A. K. E	II.	'99	64 Forest Ave., Bangor, Me.
SAYWARD, WILLIAM JAMES, A. T. Q.		'00	Woodstock, Vt.
SCHLEGELMILCH, LEO WILLIAM, JR.		'01	32 Mt. Pleasant Ave., Roxbury.
SCHMIDT, ALBERT GEORGE ANTON		'00	1537 Oakdale Ave., Chicago, Ill.
SCHMIDT, HERMAN HENRY	. I.	S.	Melville, N. Y.
Schneller, George Otto, X. 4.	. II.	'00	103 S. Cliff St., Ansonia, Conn.
SCHROEDER, ERNEST HERMAN		'98	1608 South St., Omaha, Neb.
SCHUTTLER, CARL, X. 4	. II.	'97	287 W. Adams St., Chicago, III)
SCHWARTZ, DAVID	. v.	'97	10 Wall St., Boston, Mass.
SCOTT, HENRY FRANCIS	. II.	'98	38 Prospect St., Brockton, Mass.
SCOTT, WALTER	. II.	'00	25 Bradford St., Lawrence, Mass.
SCUDDER, HAYWARD, B.A	. v.	S.	29 Newbury St., Boston, Mass.
Scully, John Timothy, Jr	. I.	S.	973 Mass. Ave., Cambridge, Mass.
SEARLE, LEWEN FIRTH		100	83 May St., Lawrence, Mass.
SEARS, JOSEPH HOMER		'98	East Dennis, Mass.
SEARS, STANLEY COLLAMORE, A. Y.		'00	Winthrop, Mass.
SEAVER, EDWARD, JR		'or	22 Westminster Av., Roxb'ry, Mass.
SEAVER, KENNETH	Ι.	'00	Woodstock, Vt.
SEAVEY, NORMAN EMERY	VI.	'99	Dover, N. H.
SEIDENSTICKER, LEWIS JEROME .	1200	'98	954 Inman St., Cambridge, Mass.
SEXTON, FREDERICK HENRY	. III.	'ot	Billerica Centre, Mass.
SHAPLEY, HARRY TILTON	. X.	'00	32 Orchard St., Leominster, Mass.
SHAW, ALBION WALKER	VI.	'98	25 Pierce St., Malden, Mass.
SHAW, BRACKLEY AZEL		S.	Englewood Ave., Brighton, Mass.
SHEDD, ALBERT RIX	. II.	'98	Silver Creek, N. Y.
SHEPARD, RALPH LUNT, E. X		'OI	79 High St., Newburyport, Mass.
6 6 9	. IV.	'00	46 Granite St., Westerly, R. I.
SHERMAN, EDWARD CLAYTON	I.	'98	35 Langdon St., Cambridge, Mass.
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NAME AND FRATERNITY.	COURSE.	CLASS	. HOME ADDRESS,
SHERRILL, MILES STANDISH	v.	'99	301 E. College St., Louisville, Ky.
SHIVERS, CLIFFORD HOPKINS	IV.	'OI	Woodbury, N. J.
SHUMAKER, LOUIS WILLIAM	VI.	S.	Ortonville, Minn.
SHUTE, GEORGE PERCIVAL	X.	10'	41 Everett St., Malden, Mass.
SIBLEY, EDWARD WARREN	II.	'99	Weston, Mass.
SILVERMAN, MORTIMER	VI.	S.	172 Locust St., Allegheny, Pa.
SIMONDS, ROLAND EMERSON	II.	'oı	16 Vine St., Winchester, Mass.
SIMPSON, ROBERT COFFIN	XIII.	'00	22 Chestnut St., Chelsea, Mass.
SITES, FREDERICK ROBERT	I.	'99	49 Carlton St., Newton, Mass.
SKENE, NORMAN LOCKE	XIII.	'01	176 Prospect St., C'br'gep't, Mass.
SKINNER, CHARLES JERNEGAN	I.	'98	Ottawa, Kansas.
SKINNER, HERVEY JUDSON	V.	'99	Wakefield, Mass.
SLOCUM, WILLIAM WHITAKER	IV.	S.	East Providence, R. I.
SMITH, CHARLES ALFRED	I.	'99	No. Reading, Mass.
SMITH, CHARLES EDWARD	I.	'99	261 Wash'n St., Somerville, Mass.
SMITH, CHARLES FRANKLIN, Z. A. E.	XI.	S.	1623 R St., N. W. Wash'ton, D. C.
SMITH, CHARLES HENRY	II.	'98	107 Warren St., Charlestown, Mass.
SMITH, FRANK ARTHUR	II.	10'	18 Orange St., Newburyp't, Mass.
SMITH, GODFREY LEWIS	XIII.	'99	I Wentworth St., Roxbury, Mass.
Smith, Granville, Δ . Υ	XIII.	'99	1309 22d St., N.W. Wash'n, D.C.
SMITH, HORACE TILDEN	V.	'98	East Bridgewater, Mass.
SMITH, LAWRENCE SOUTHWICK	II.	'00	136 Lowell St., Peabody, Mass.
SMITH, MONTFORT HILL, Δ. T. Δ	IV.	S.	Falmouth, Mass.
SMITH, SUMNER IVES	VI.	'00	107 N. 3d St., Elkhart, Ind.
SMITH, WILLIAM GRAVES	Ι.	S.	Mansfield, Mass.
SMITH, WILLIAM HENRY	11.	S.	Altoona, Pa.
SMITHWICK, HAROLD	II.	S.	Newcastle, Me.
SMYSER, JAMES SWETT, S.B., A. K. E.	VI.	S.	6 Wellington Terrace, Brookline.
Snow, Frank Whipple	VII.	S.	Newburyport, Mass.
Snow, Frederick Willis	III.	S.	565 Essex St., Lynn, Mass.
Sohier, Louis Amory, A. T. A	II.	S.	Concord, Mass.
Soule, Horace Webster	II.	'99	22 Loring St., Somerville, Mass.
Soule, Lawrence Clement	X.	99	Newtonville, Mass.
SOUTHWORTH, FREDERIC WILLARD .	IV.	'00 '98	W. Stoughton, Mass. West Stockbridge, Mass.
Spaulding, Frank Alger Spear, George Morton	XIII.	90 S.	576 Westford St., Lowell, Mass.
Spear, George Morton	II.	'00	Navy Yard, New York City.
STADDLER, LOUIS ANDREW	III.	'oı	418 Lawrence St., Helena, Mont.
STAPLES, WILLIAM DEERING, Z. A. E.	VI.	'98	220 W. Springfield St., Boston.
STARR, HERBERT HARRIS	Ι.	'99	16 Richards St., New London, Ct.
STEARNS, FREDERIC BALDWIN	IV.	'99	Brookline, Mass.
STEARNS, PREDERIC BALDWIN	I.	'00	108 Cushing Ave., Dorch'r, Mass.
STEARNS, RALPH HAMILTON	X.	'oı	108 Cushing Ave., Dorch'r, Mass.
STEBBINS, ROWLAND WILLIAMS, A.V.	II.	S.	Crescent Hill, Springfield, Mass.
STEFFENS, WILLIAM FREDERICK	I.	'98	137 W. Concord St., Boston, Mass.
STEIDEMANN, THEODORE WILLIAM .	IV.	'00	4110 N. 11th St., St. Louis, Mo.
STETSON, JAMES ALEXANDER, Z. A. E.	I.	S.	67 Bedford St., New Bedford, Mass.
STEVENS, GORHAM PHILLIPS	IV.	'98	26 Gray St., Cambridge, Mass.
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NAME AND FRATERNITY.	COURSE.	CLASS	. HOME ADDRESS,
STEVENS, RALPH	. III.	S.	Whitman, Mass.
STEVENS, WILLIAM LEONARD	12.55	'00	74 Walnut St., Somerville, Mass.
STEVENS, WILLIAM WENTWORTH .	. IV.	'98	268 Summer St., Lynn, Mass.
STEWART, CLARENCE BEARDSLEY	IV.	S.	226 W. 1st St., Duluth, Minn.
STEWART, EDMUND THOMAS	IV.	S.	56 Clarendon St., Boston.
STEWART, LEWIS, A. V	. IV.	S.	208 W. State St., Trenton, N. J.
STILLINGS, SAMUEL WARREN	. IV.	S.	205 St. Botolph St., Boston, Mass.
STOCKMAN, ORLANDO SARGENT	. III.	'oı	31 Winter St., Newburyport, Mass.
STOCKTON, PHILIP, A.B	Ι.	'99	390 Beacon St., Boston, Mass.
STONE, JACOB, JR., A. T	. IV.	'99	3 Pond St., Newburyport, Mass.
STONE, SOLON JONES	I.	10'	24 Tyler St., Boston, Mass.
STONE, WILLARD WILBERFORCE	. I.	'00	12 Somerset Ave., Taunton, Mass.
STOVER, CHARLES CLARK	II.	'OI	62 Congress St., Amesbury, Mass.
STRATTON, CHARLES HEYWOOD .	IV.	'00	306 St. James Ave., Springfield.
STREET, GERALD BASIL, 4. B. E	. II.	'99	Highland Park, Ill.
STRENG, LEWIS STARR	. VI.	'98	1656 Third Ave., Louisville, Ky.
STRICKLAND, WILLIAM R., A. T	. I.	S.	Philbrick Road, Brookline, Mass.
STUART, HARVE REED	II.	S.	11 Williams St., Newark, N. J.
STURTEVANT, EDWARD	. IX.	'98	77 Monmouth St., Brookline.
STURTEVANT, WILLIAM ISAAC	. VI.	10'	2338 Wall Ave., Ogden, Utah.
Sucro, William George	. I.	'01	Cantonsville, Md.
SUHR, CARL FREDERICK	II.	'00	77 Chester Ave., Chelsea, Mass.
SULLIVAN, HENRY HOWARD	. 11.	'98	98 Foster St., Brighton, Mass.
SUTER, RUSSELL	I.	'00	Cambridge, Mass.
SUTERMEISTER, EDWIN	. V.	'99	Readville, Mass.
SUTLIFF, WALTER HANNEN	IV.	'99	238 State St., Albany, N. Y.
HE STEEL NEW YORK (STEEL NEW YORK STEEL NEW YORK STEEL NEW YORK NEW YORK NEW YORK NEW YORK NEW YORK NEW YORK N	. V.	'99	91 Babcock St., Brookline, Mass.
SWASEY, ALBERT LORING, Δ. Ψ	. XIII.	'99	146 High St., Taunton, Mass.
Sweetser, William Jordan	II.	10'	Cliftondale, Mass.
SWIFT, CHARLES WILLISTON	. X.	'98	Provincetown, Mass.
SWIFT, FRANK ROBINSON	. X.	'99	Wollaston, Mass.
SWINSON, JOHANNA CHARLOTTE	. VII.	S.	Wellesley, Mass.
TAFT, THEODORE HOWARD	II.	10	32 Avon Hill St., No. Cambridge.
TALLANT, ALICE WILD		S.	66 Marlboro St., Boston.
Tallmadge, Thomas Eddy, φ. B. E		'98	1125 13th St., Washington, D. C.
Tappan, Frederic		'99	171 Newbury St., Boston.
TAYLOR, DENZIL HOLLIS	. I.	'99	Peterboro, N. H.
Taylor, Edward Molineux, φ. B. E		'98	66 Garden St., Poughkeepsie, N.Y.
TAYLOR, MARK ELLIOTT		'98	47 Lincoln St., Hyde Park, Mass.
TAYLOR, WARREN CROSBY	. XI.	10'	19 Maple St., Arlington, Mass.
TEUTEBERG, EUGENE ADOLPH	. IV.	S.	5880 Etzel Ave., St. Louis, Mo.
THANISH, OTTO CONRAD	. II.	S.	3305 Washington St., Jamaica Pl.
THATCHER, EDWARD GORDAN	. V.	'01	Middleboro, Mass.
THAYER, HARRY MARTIN		'00	34 Hunt St., Brockton, Mass.
THAYER, HORACE RICHMOND	. I.	'98	Blackstone, Mass.
THOMPSON, MAURICE DE KAY, JR., Δ.Κ.		'98	508 Greenup St., Covington, Ky.
THOMSON, MARY JANE	. v.	'98	224 W. Jersey St., Elizabeth, N. J.
THURBER, CLINTON DRAPER	. I.	'00	592 Tremont St., Boston, Mass.

NAME AND FRATERNITY.	c	OURSE.	CLASS	HOME ADDRESS.
THURLOW, LEON RHODES		XI.	'or	392 Westford St., Lowell, Mass.
TIETIG, RUDOLPH		IV.	'98	Rockdale Ave., Cincinnati, Ohio.
Tiffany, George Stanton, Δ. Ψ.			S.	1705 Conn. Av., Washington, D.C.
		V.	'98	Lynnfield, Mass.
TORREY, EMELINE ELIZA		VII.	Ś.	23 Winthrop St., Boston.
TOWNE, LILLIAN MAY		VII.	S.	89 Surrey St., Brighton, Mass.
TOWNLEY, FREDERICK LAWRENCE		VI.	S.	Wyoming, Ohio.
TRASK, EDGAR PIERCE		XIII.	'99	Peabody, Mass.
TREAT, GEORGE WINFIELD		I.	S.	Livermore Falls, Me.
TREAT, W. FLORENCE		VII.	S.	100 Broadway, Chelsea, Mass.
TROTT, JOHN ALDEN, A. K. E		II.	'oı	Dedham, Mass.
TRUE, PERCIVAL EDWARD	į,	X.	'00	Andover, Mass.
TRUFANT, ALTON PHILIP		I.	'01	Abington, Mass.
TUCK, THEODORE CALVIN		I.	'00	57 Portland St., Haverhill, Mass.
TUCKER, ALBERT WILLIAM		III.	S.	Summit Pl., Newburyport, Mass.
TUCKER, ATHERTON HOWE		IV.	'98	1079 Adams St., Dorchester, Mass.
TUCKER, FRANK STEVENSON		II.	'98	Marblehead, Mass.
TUCKER, FRED IRVING		II.	S.	544 Newbury St., Boston.
TUDBURY, WARREN CHAMBERLAIN		I.	'00	40 Warren St., Salem, Mass.
TUFTS, CHARLES GILMAN	¥2	X.	'01	Arlington Heights, Mass.
TUFTS, JOHN LAWRENCE		V.	S.	50 Woodbine St., Roxbury, Mass.
TURNER, LAWRIE HUMPHREY		V.	S.	707 Salem St., Medford, Mass.
Tweedy, George Augustus		III.	'00	Downey, Cal.
TWOMBLY, FRED HENRY		IX.	S.	Newton Centre, Mass.
Ulmer, George Frederick, X. Φ.		V.	'98	82 Cliff St., Norwich, Conn.
UPHAM, EVERETT LYMAN		IX.	10'	East Woodstock, Conn.
USHER, SUSANNAH		VII.	'98	9 Kirkland Pl., Cambridge, Mass.
VERMILYE, WILLIAM MOORHEAD .		X.	10'	New Brighton, Staten Isl., N. Y.
VIDETO, THEODORE ERNEST		IV.	'99	S. Framingham, Mass.
VINING, ROBERT MACALISTER	20	II.	S.	South Weymouth, Mass.
Vogel, Emil Frederick		I.	'00	40 Hartwell St., Roxbury, Mass.
VOGT, OSCAR GEORGE		IV.	S.	607 East St., N. W., Washington,
				D. C.
WADDELL, FRED CREELMAN		I.	'99	Rockport, Mass.
Wadsworth, George Reed, Δ. Υ.		I,	'98	Keene, N. H.
WALCOTT, WILLIAM WRIGHT		IX.	'01	W. Central St., Natick, Mass.
WALKER, CLARENCE HOWARD		II.	'99	Rumford, R. I.
WALKER, ETHEREDGE, Δ. K. E		III.	'99	4 Brimmer St., New Haven, Conn.
WALLACE, ROBERT BRUCE, Δ. Υ		XIII.	S.	Cleveland, Ohio.
Walls, John		VI.	S.	Lewisburg, Pa.
WALTERS, EDWARD PHILIP		V.	'99	47 Camp St., Providence, R. I.
WALTON, JAMES HENRY, JR		V.	'99	13 Collins St., Newburyport, Mass.
WALWORTH, ARTHUR CLARENCE .		11.	S.	Newton Centre, Mass.
WARREN, FRANK DINSMORE		II.	'00	Northboro, Mass.
WARREN, JOHN EDWARD		II.	'98	Foxvale, Mass.
WASTCOAT, RICHARD		I.	'00	Taunton, Mass.
WATERSON, CARL WILLIAM		VI.	'98	19 Fernald St., Lowell, Mass.
WATKINS, FREDERICK ARTHUR .			'99	333 Rush St., Chicago, Ill.

NAME AND FRATERNITY.	COURSE.	CLASS.	HOME ADDRESS.
WATROUS, CHARLES ALBERT, D. B. E.	IV.	'99 6	72 17th St., Des Moines, Iowa.
WEBSTER, FRED BIBBER	XIII.		7 Putnam Ave., Cambridge, Mass.
WEDLOCK, WILLIAM HENRY	I.		I Ashmont St., Dorchester, Mass.
Weeks, Irving Chambers	IX.		1 Ashmont St., Dorchester, Mass.
Weeks, Merle, Δ. Ψ	IV.	S. 1	oII N. H. Ave., Wash'n, D. C.
Weil, Asher S	II.		04 S. River St., Wilkes-Barre, Pa.
Weimer, Edgar Arthur	П.		ebanon, Pa.
WELCH, WILLIAM WELLS	III.		I Robertson St , W. Quincy, Mass.
WELLS, WALTER WILEY	VI.		ackville, N. B.
Wentworth, John Frank	XIII.		Rochester, N. H.
WERNER, CARL	IV.		112 8th St., Oakland, Cal.
WERNER, FRANK ALBERT, Σ. X	XIII.		30 W. Market St., Akron, Ohio.
Wessel, John Frederick, A. B	VI.		36 N. Summer St., Nashville.
Wesson, Harold, Δ. Ψ	II.		20 Maple St., Springfield, Mass.
Wesson, Leonard	II.		Rockville Park, Roxbury, Mass.
Wesson, Paul Bancroft	II.		yngsboro, Mass.
WHALEN, EDWARD LAURENCE	VI.	-	oo E. Lincoln St., Marlboro, Mass.
WHALEN, MARY ANTONIA	VII.		6 E. Newton St., Boston, Mass.
Whipple, William, Δ . Ψ	II.		pringfield Armory, Mass.
WHITAKER, LEWIS ROSE	I.		arsons St., Brighton, Mass.
WHITE, ARTHUR BURR	I.		Allston, Mass.
WHITE, FRED RICHMOND	VI.		Arlington Heights, Mass.
WHITE, HARRY KEITH	IV.		2 N. Main St., Brattleboro, Vt.
WHITE, HARRY RANSOME	XIII.		Arlington Heights, Mass.
White, Robert, Jr	VI.		21 Hanover St., Boston.
WHITE, WILLIAM	v.		95 Cohannet St., Taunton, Mass.
WHITING, CHARLES FREDERICK	VII.		filton, N. H.
WHITING, ELEANOR FELTON	VII.		rinity Court, Boston.
WHITMAN, RALPH	I.		og Walnut Ave., Roxbury, Mass.
WHITNEY, WALTER CUMMINGS	I.	'99 5	4 Jefferson St., Newton, Mass.
WHITON, HARRY AUGUSTUS	IV.		Bloomfield, Conn.
WHITTEN, ROSCOE BENJAMIN	IV.		29 Brooks St., E. Boston, Mass.
WHITTEMORE, CHARLES AUGUSTUS .	IV.		29 Jefferson Ave., Scranton, Pa.
WIARD, EDWARD SAXON	111.	9.0	8 Chandler St., Boston, Mass.
WIGHT, ROGER WILLARD	XIII.	'01 1	40 Bacon St., Natick, Mass.
WILCOX, FRANK PATTON	I.		o Norway St., Boston, Mass.
WILDER, CLIFTON WHITE	II.		Gardner Pl., Leominster, Mass.
WILDER, FRED BLAISDELL	III.		vanston, Ill.
WILDER, LOWELL BOSWORTH			Boylston St., Newton Highlands.
WILDER, RALPH EDWARD	I.		Sunset Ave., Jamaica Plain, Mass.
WILDER, WILLIAM ALPHONSO	VI.	- L	19 B St. S. E., Washington, D.C.
WILDER, WALDO GILMAN	I.		Richardson Road, Melrose, Mass.
WILLARD, CHARLES FRANKLIN, Q.T.V.	II.		5 Front St., Marlboro, Mass.
WILLEY, RAYMOND	Χ.		Newtonville, Mass.
WILLIAMS, LOUIS EZRA			Care E.L. Williams & Sons, Duluth, Minn,
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THEODY, THE PROPERTY AND A P. P.			Total Control of the

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WILSON, ARCHIBALD HENRY	. II.	10'	13 Melvin St., Lawrence, Mass.
WING, CHARLES FREDERIC, JR	. VI.	'98	New Bedford, Mass.
WING, DAVID LAFOREST, A. K. E.	. IX.	'98	75 Ohio St., Bangor, Me.
WING, IDA CEOLA STRATTON	. VI.	S.	49 Boylston St., Jamaica Plain.
WINSLOW, CHARLES-EDWARD AMORY	v VII.	'98	Hotel Oxford, Boston, Mass.
Winslow, George Carlos, Jr	. III.	S.	170 Hunt'gton Ave., Boston, Mass.
Wise, Howard Parker, Σ. A. E	. I.	'00	139 Webster St., Malden, Mass.
WITHERELL, FREDERICK WHITEFIELD	D XI.	'00	11 Herrick St., Winchester, Mass.
WITHERELL, PERCY WARREN		'99	5 Devon St., Roxbury, Mass.
WOOD, HAROLD BLAKE	. II.	'or	Arlington, Mass.
WOOD, HOWARD IRVING	. V.	'01	18 Davis Ave., Rockville, Conn.
WOOD, LEONARD PERCY	. I.	S.	Brooklyn, N. Y.
WOOD, WILLARD LYMAN, JR		S.	Upton, Mass.
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WOODSOME, JAMES CHADBOURNE .	. VI.	'OI	652 Sixth St., So. Boston, Mass.
WOODWARD, ALLAN HARVEY		'00	Birmingham, Ala.
WOOLLETT, JOHN WOODWARD	. I.	'99	Valmont, Col.
WORCESTER, PHILIP H		'01	65 Thomas St., Portland, Me.
WORDEN, EDWIN SHELDON	. X.	'00	61 Pearl St., Newton, Mass.
WRIGHT, JAMES HAYDEN	. IV.	S.	34 Warren Ave. E., Detroit, Mich.
Wyzanski, Isaac	. XIII.	'00	47 Allen St., Boston, Mass.
Young, Ross Redsecker	. II.	S,	Middletown, Pa.
ZIEGLER, PERCY ROLFE		'00	1 Ellis St., Roxbury, Mass.
ZIMMERMANN, WALTER, G. Σ. X	. п.	'98	683 Sedgwick St., Chicago, Ill.

Summary.

The aggregate number of students for 1897-98 is divided among the several classes as follows:—

Graduate	e students	, candid	lates fo	r ad-		Regula	r stu	dents,	Fire	st Ye	ar	345	279
vano	ed degree	es .	1500		9	Special	stud	lents		- 3	4.3		332
Regular	students,	Fourth	Year		203								
4.6	14.	Third	44	*3	178	Total			1	900	96		1,198
6.6	44.	Second	4.6		107								



In Memoriam.

+

Denry Walter Allen, '97, Died July 2, 1897.

Milliam Darlington, Special, Died Hugust 15, 1897.

Thomas Bally Bissell, '98, Died December 20, 1897.

Miss Amy Elizabeth Phoenix, Special, Died february 25, 1898.



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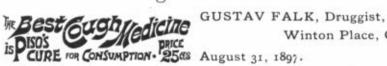
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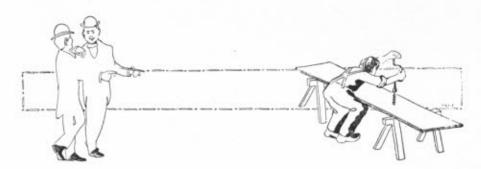


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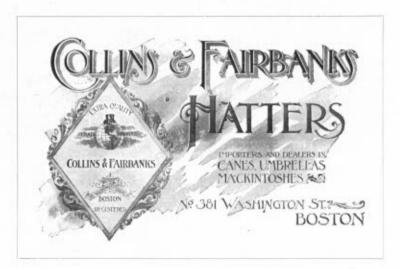
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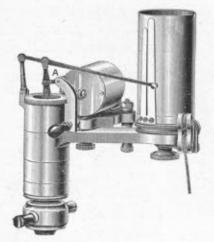
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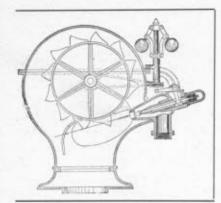
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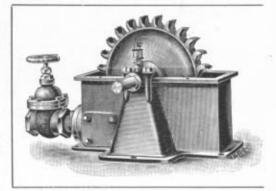
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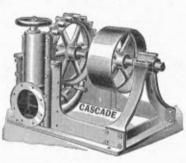
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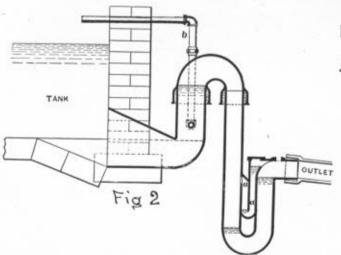
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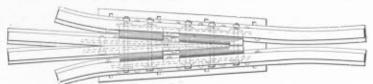
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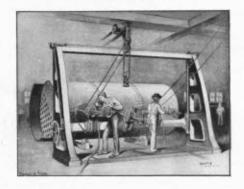
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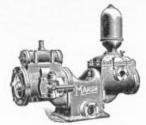
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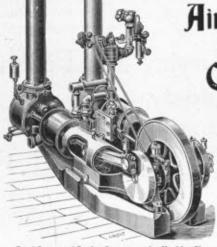
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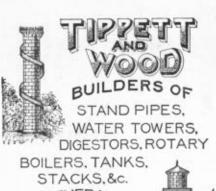


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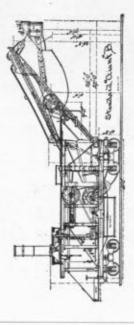
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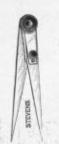
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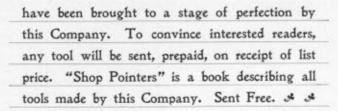
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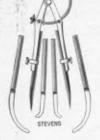
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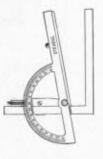














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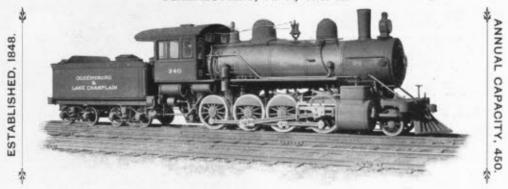




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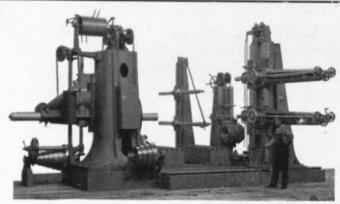
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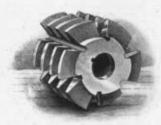
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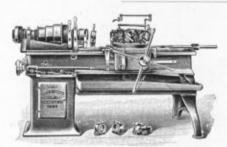
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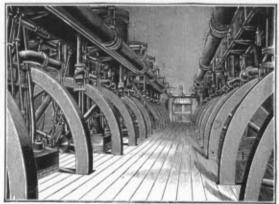


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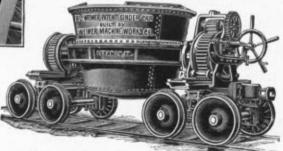
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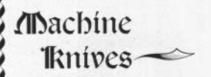
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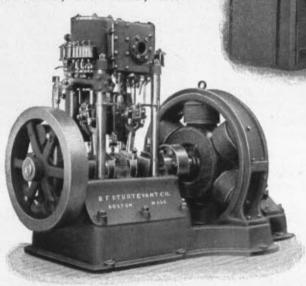
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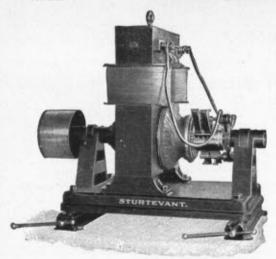
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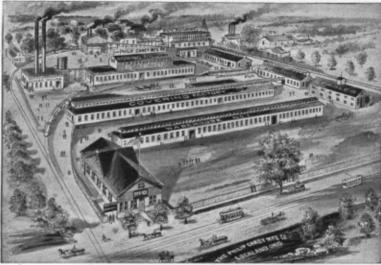
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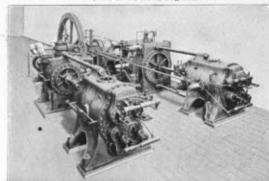
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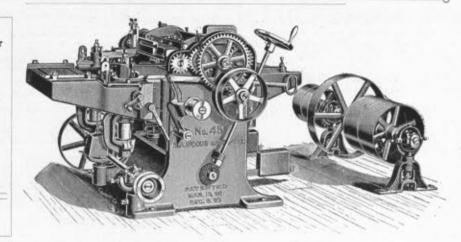
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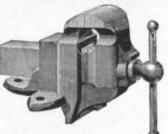
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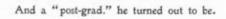


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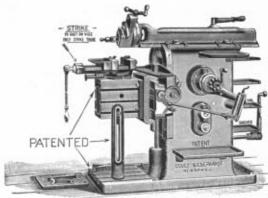
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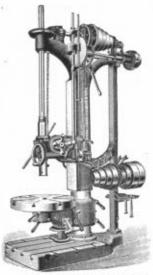
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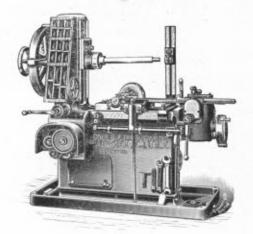
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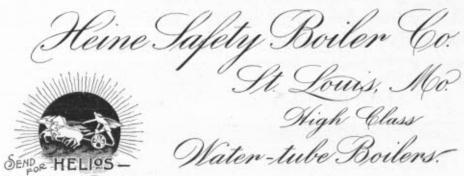
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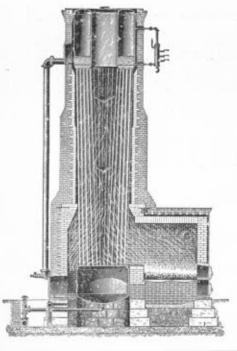
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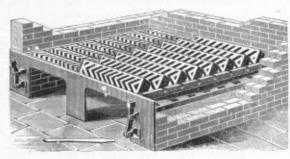
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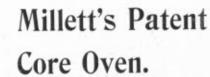
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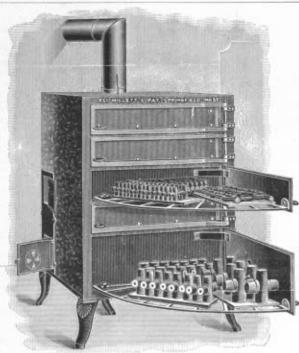
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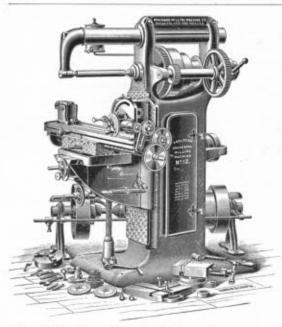
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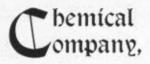
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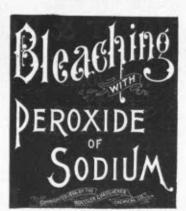
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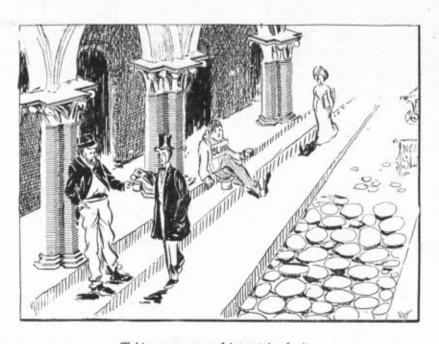
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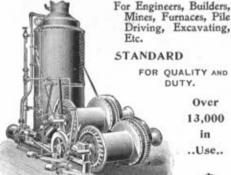
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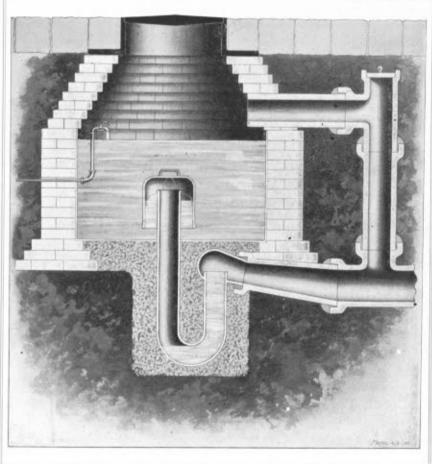
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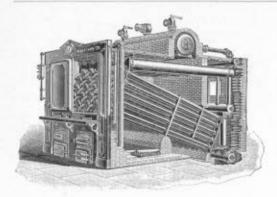
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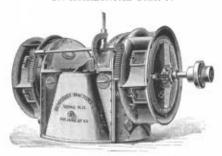


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