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# Catalogue - Harvard University

Harvard University



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HARVARD UNIVERSITY

CATALOGUE

1897-98



CAMBRIDGE

Published by the University

1898



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### ERRATA.

- Page 264, lines 1, 21, *for twelve read fourteen.*  
 “ 465, line 23, *for eight read seventeen.*  
 “ “ “ 24, “ *fifteen “ nineteen.*

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## CALENDAR.

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*The meetings of the PRESIDENT AND FELLOWS are held on the second and on the last Monday of every month.*

**1897.**

- Sept. 30, Thursday.*      **Academic Year begins** in all departments of the University.
- Sept. 30 and Oct. 1, Thursday and Friday.*      Examinations for admission to the Law School.
- Sept. 30 and Oct. 1, Thursday and Friday.*      Examinations for admission to advanced standing in the Law School.
- Oct. 13, Wednesday.*      Stated Meeting of the Board of Overseers.
- Nov. 25, Thursday.*      Thanksgiving day ; a holiday.

RECESS FROM DEC. 23, 1897, TO JAN. 2, 1898, INCLUSIVE.

**1898.**

- Jan. 1, Saturday.*      Last day for receiving dissertations for the Boylston Medical Prizes.
- Jan. 12, Wednesday.*      Stated Meeting of the Board of Overseers.
- Feb. 3, Thursday.*      Second half-year begins in the Medical and Dental Schools.
- Feb. 14, Monday.*      **Second half-year begins** (except in the Medical and Dental Schools).
- Feb. 22, Tuesday.*      Washington's Birthday ; a holiday.
- March 1, Tuesday.*      Last day for receiving applications of candidates for Final Honors in Natural History in 1899.
- March 31, Thursday.*      Last day for receiving applications for all Graduate Fellowships and Scholarships, and for College Scholarships to be assigned to Graduate Students.
- March 31, Thursday,*      Last day for receiving applications for Divinity School Fellowships and Scholarships.
- March 31, Thursday.*      Last day for re-engaging College Rooms for 1898-99.
- April 1, Friday.*      Last day for receiving applications of candidates for Second-Year Honors.
- April 13, Wednesday.*      Stated Meeting of the Board of Overseers.



## RECESS FROM APRIL 17 TO APRIL 23, INCLUSIVE.

- April 27, Wednesday.* Last day for receiving names of competitors for the Boylston Prizes for Elocution.
- April 30, Saturday.* Applications from Graduate Students for admission to examination for any degree should be made on or before this date.
- April 30, Saturday.* Last day for receiving applications from students in the Professional Schools to be qualified for the degree of A.M. in 1898.
- April 30, Saturday.* Last day for receiving from persons intending to enter College applications for Price Greenleaf Aid for 1898-99.
- April 30, Saturday.* Last day for receiving dissertations for the Dante, Sargent, Paine, Toppan, Sumner, and Bennett Prizes.
- April 30, Saturday.* Notice of intention to compete for the Sales Prize must be given on or before this date.
- April 30, Saturday.* Last day for receiving theses of Candidates for the degree of Ph.D. or S.D.
- May 2, Monday.* Last day for receiving applications for College Rooms for 1898-99.
- May 4, Wednesday.* Assignment of College Rooms for 1898-99.
- May 12, Thursday.* Speaking for the Boylston Prizes.
- May 25, Wednesday.* Last day for receiving from undergraduates applications for College Scholarships, and for Price Greenleaf Aid for 1898-99.
- May 28, Saturday.* Last day for receiving applications for Medical School Fellowships or Scholarships for 1898-99, (except the Cheever and Hayden Scholarships).
- May 30, Monday.* Memorial Day; a holiday.
- June 1, Wednesday.* Last day for receiving applications for Scientific School and Law School Scholarships for 1898-99.
- June 1, Wednesday.* Examinations in the Dental School begin.
- June 1, Wednesday.* Examinations in the Medical School begin.
- June 24, Friday.* Seniors' Class Day.
- June 28, Tuesday.* Examinations for admission to the Dental School.
- June 28 — July 2, Tuesday to Saturday.* Examinations for admission to Harvard College and the Lawrence Scientific School.
- June 29, Wednesday.* **Commencement.** Stated Meeting of the Board of Overseers.

SUMMER VACATION OF THIRTEEN WEEKS, FROM COMMENCEMENT DAY  
TO SEPTEMBER 29.

- June 30, Thursday.* Examination for admission to the Medical and Veterinary Schools.
- June 30, July 1, Thursday and Friday.* Examinations for admission to the Law School.
- July 5, Tuesday.* Summer School opens.
- Sept. 21-24, Wednesday to Saturday.* Examinations for admission to Harvard College and the Lawrence Scientific School.
- Sept. 26, Monday.* Examinations for admission to the Medical School and the Dental School.
- Sept. 26, Monday.* Examinations begin in the Medical and Dental Schools.
- Sept. 27, Tuesday.* Examinations for admission to the Veterinary School.
- Sept. 28, Wednesday.* Annual Meeting of the Board of Overseers.
- Sept. 29, Thursday.* **Academic Year begins** in all departments of the University.
- Sept. 29, 30, Thursday and Friday.* Examinations for admission to the Law School.
- Sept. 29, 30, Thursday and Friday.* Examinations for admission to advanced standing in the Law School.
- Oct. 12, Wednesday.* Stated Meeting of the Board of Overseers.
- Oct. 31, Monday.* Last day for receiving applications of candidates for Final Honors (except in Natural History) in 1899.
- Nov. 1, Tuesday.* Last day for receiving dissertations for the Bowdoin Prizes.
- Nov. 1, Tuesday.* Last day for receiving essays for the William H. Thorndike Prize.
- Nov. 24, Thursday.* Thanksgiving day; a holiday.
- Nov. 30, Wednesday.* Last day for receiving applications for the Cheever and Hayden (Medical) Scholarships.
- Dec. 1, Thursday.* Last day for receiving applications for aid from the Loan Fund.

## DEPARTMENTS OF HARVARD UNIVERSITY.

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The University comprehends the following departments : —

HARVARD COLLEGE,  
THE LAWRENCE SCIENTIFIC SCHOOL,  
THE GRADUATE SCHOOL,  
THE DIVINITY SCHOOL,  
THE LAW SCHOOL,  
THE MEDICAL SCHOOL,  
THE DENTAL SCHOOL,  
THE SCHOOL OF VETERINARY MEDICINE,  
THE BUSSEY INSTITUTION (a School of Agriculture),  
THE ARNOLD ARBORETUM,  
THE UNIVERSITY LIBRARY,  
THE MUSEUM OF COMPARATIVE ZOÖLOGY,  
THE PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY  
AND ETHNOLOGY.  
THE UNIVERSITY MUSEUM,  
THE BOTANIC GARDEN,  
THE GRAY HERBARIUM,  
THE ASTRONOMICAL OBSERVATORY.

☞ Students in regular standing in any one department of the University are admitted free to the instruction and the examinations given in any other department, with the exception of exercises carried on in the special laboratories. (This rule does not apply to Special nor to Graduate Students unless they pay the full fee of \$150 a year.)

## ADMINISTRATIVE OFFICERS.

---

### THE UNIVERSITY.

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Office, 5 University Hall, Cambridge.

*Treasurer*: EDWARD WILLIAM HOOPER, A.B., LL.B.

*Comptroller*: ALLEN DANFORTH, A.M.

*Deputy Treasurer*: CHARLES FRANCIS ADAMS, 2d, A.B., LL.B.

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Office, Gore Hall, Cambridge.

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Office, 2 University Hall, Cambridge. Office hours, 9 A.M. to 5 P.M., Saturday 9 A.M. to 12.30 P.M.

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*The Offices of this Faculty and of the Departments under its charge at Nos. 4, 5, 10, and 16, University Hall, Cambridge, are open on week-days, except Saturdays, from 9 A.M. to 1 P.M., and on Saturdays from 9 A.M. to 12 M. Nos. 5, 10, and 16 are also ordinarily open on week-days, except Saturdays, from 2 to 4 P.M.*

*Dean of the Faculty of Arts and Sciences*: JAMES MILLS PEIRCE, A.M.

Office, 5 University Hall.

- Dean of the Graduate School:* JOHN HENRY WRIGHT, A.M.  
Office, 10 University Hall. Office hours, Monday, Thursday, 3 P.M. to 4 P.M.
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C't	Conant Hall.	M.	Matthews Hall.
D.	Divinity Hall.	P.	Perkins Hall.
D. H.	Divinity House.	S.	Stoughton Hall.
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G.	Grays Hall.	W.	Weld Hall.
H.	Hollis Hall.	W. H.	Walter Hastings Hall.
H'ke	Holyoke House.		

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- JAY BERGEN OGDEN, M.D., *Assistant in Chemistry*, 497 Beacon St., Boston.
- EUGENE ABRAHAM DARLING, A.M., M.D., *Assistant in Bacteriology*, 1603 Mass. Ave.
- HENRY FOX HEWES, A.B., M.D., *Assistant in Chemistry*, 3 Fairfield St., Boston.
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- PHILIP HAMMOND, M.D., *Assistant in Otolaryngology*, 363 Boylston St., Boston.
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- ROBERT GARDNER LORING, A.B., M.D., *Assistant in Anatomy*, 259 Beacon St., Boston.
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- WALTER BAUMGARTEN, A.B., M.D., *Assistant in Physiology*, Robeson St., Jamaica Plain.
- LOUIS JACOB JOSEF MUSKENS, M.D., *Assistant in Physiology*, The Bartol, Huntington Ave., Boston.
- COLIN CAMPBELL STEWART, Ph.D., *Assistant in Physiology*, 207 W. Newton St., Boston.
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- ROBERT SESSIONS WOODWORTH, A.M., *Assistant in Physiology*, 56 Plympton St.

## CLINICAL INSTRUCTORS.

- JOHN HOMANS, A.B., M.D., *in the Diagnosis and Treatment of Ovarian Tumors*, 164 Beacon St., Boston.
- EDWARD COWLES, M.D., LL.D., *in Mental Diseases*, McLean Hospital, Waverley.



- GEORGE WASHINGTON GAY, A. M., M. D., *in*  
*Surgery*, 665 Boylston St., Boston.
- THOMAS AMORY DEBLOIS, M. D., *in Laryngology*,  
 372 Marlborough St., Boston.
- JOHN WOODFORD FARLOW, A. B., M. D., *in Laryn-*  
*gology*, 234 Clarendon St., Boston.
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*Nervous System*, 458 Beacon St., Boston.
- GEORGE LINCOLN WALTON, A. B., M. D., *in Dis-*  
*eases of the Nervous System*, 199 Marlborough St., Boston.
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*of the Nervous System*, 33 Marlborough St., Boston.
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*gology*, 1 Exeter St., Boston.

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*in Surgical Pathology*, 267 Beacon St., Boston.
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*Clinical Instructor in Operative Dentistry*,  
 172 Commonwealth Ave., Boston.
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*in Operative Dentistry*, 130 Commonwealth Ave., Boston.
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*in the Mechanical Treatment of Fractured Jaws and*  
*Cleft Palates, and Demonstrator of Mechanical Dentistry*,  
 367 Mass. Ave., Boston.
- JOSEPH TOTTEN PAUL, D. M. D., *Demonstrator of*  
*Operative Dentistry*, 3 Park St., Boston.
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*monstrator of Operative Dentistry*, Warren Chambers, Boston.
- EDWIN LINWOOD FARRINGTON, D. M. D., *Assistant*  
*Demonstrator of Operative Dentistry*, Lowell.
- ROBERT JOHN McMEEKIN, D. M. D., *Assistant*  
*Demonstrator of Mechanical Dentistry*, Warren Chambers, Boston.
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*Chemistry*, 80 Garfield St.

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 79 Walnut St., Somerville.  
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 ALLEN STANLEY BURNHAM, D.M.D., Gloucester.  
 THOMAS BERNARD HAYDEN, D.M.D., 687 Boylston St., Boston.  
 ASHER HARRIMAN ST. CLAIR CHASE, D.M.D., Everett.  
 HAROLD DEWITT CROSS, D.M.D., Nashua, N. H.  
 HARRY WEST HALEY, D.M.D., 194 Boylston St., Boston.

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 67 West Newton St., Boston.  
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*in Histology,* Tappan St., Brookline.  
 WILLIAM ORISON UNDERWOOD, A.B., *Lecturer on*  
*Warranty and Evidence,* 50 Atlantic Terrace, Lynn.  
 LANGDON FROTHINGHAM, M.D.V., *Assistant in*  
*in Pathology,* 29 Gloucester St., Boston.  
 FRANK INGERSOLL PROCTOR, A.M., M.D., *Instructor*  
*in Ophthalmology,* 259 Beacon St., Boston.  
 GEORGE BROWN FOSS, M.D.V., *Lecturer on Diseases*  
*of Dogs, and Resident Hospital Surgeon,* 50 Village St., Boston.  
 ALBERT JAMES SHELDON, D.V.S., *Instructor in*  
*Materia Medica and Meat Inspection, and Assistant*  
*Surgeon at the Hospital,* 52 Village St., Boston.  
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*Assistant Surgeon at the Charity Hospital,*  
 257 Northampton St., Boston.

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- JAMES REVERDY STEWART, *Assistant in Applied Zoölogy*, 3 St. John St., Jamaica Plain.  
 WINFRED WAITE BRAMAN, S.B., *Assistant in Chemistry*, 20 Weld St., Forest Hills.  
 ELISHA WILSON MORSE, B.A.S., *Instructor in Natural History*, 80 Wenham St., Jamaica Plain.

**ARNOLD ARBORETUM.**

- CHARLES EDWARD FAXON, S.B., A.M., *Assistant*, Jamaica Plain.  
 JOHN GEORGE JACK, *Lecturer*, Jamaica Plain.

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 JOHN RAYNER EDMANDS, S.B., *Assistant*, 61 Garden St.  
 WILLARD PEABODY GERRISH, *Assistant*, 27 Garfield St.  
 EDWARD SKINNER KING, A.M., *Assistant*, 15 Walker St.

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 CHARLES SUMNER HAWES, A.B., *Auditor of the Dining Association*, Memorial Hall.  
 WALTER BRADFORD CANNON, A.M., *Auditor of the Foxcroft Club*, Foxcroft 2.  
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# STUDENTS IN THE UNIVERSITY.

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## HARVARD COLLEGE.

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### SENIOR CLASS.

Abbe, William,	<i>Washington, D. C.</i>	H. 5.
Abbott, James Marland,	<i>Lowell,</i>	M. 57.
Abercrombie, William Chilton,	<i>Huntsville, Tex.</i>	1689 Cambridge St.
Adams, Henry, 2d,	<i>So. Lincoln,</i>	Claverly 16.
Adams, Howard Macy,	<i>Boston,</i>	Craigie 205.
Adams, John,	<i>So. Lincoln,</i>	44 Brattle St.
Adams, Karl,	<i>Boston,</i>	19 Holyoke St.
Adams, William Alexander,	<i>Manchester, N. H.</i>	Craigie Inn.
Albright, Raymond King,	<i>Buffalo, N. Y.</i>	Ware 35.
Allen, Gordon,	<i>New York, N. Y.</i>	H. 23.
Ames, Frederick Lothrop,	<i>Boston,</i>	78 Mt. Auburn St.
Ames, Oakes,	<i>Boston,</i>	Ware 48.
Appleton, George Decatur,	<i>Boston,</i>	P. 10.
Arnold, Frederick Sherman,	<i>Poughkeepsie, N. Y.</i>	W. H. 21.
Auten, Benjamin Cutter,	<i>Princeville, Ill.</i>	C. 68.
Ayres, Charles Hamilton, Jr.	<i>Rahway, N. J.</i>	11 Howland St.
Baker, William Wilson,	<i>Roxbury,</i>	P. 85.
Barger, Milton Sanford,	<i>Newport, R. I.</i>	Beck 27.
Barker, LeBaron Russell,	<i>Plymouth,</i>	140 Brattle St.
Barnard, Charles Alanson,	<i>Plattsburgh, N. Y.</i>	29 Ware St.
Barnes, Allan Foster,	<i>Cambridge,</i>	25 Lancaster St.
Barrett, Robert LeMoynes,	<i>Chicago, Ill.</i>	W. H. 20.
Barstow, James Stewart,	<i>Gardiner, Me.</i>	T. 5.
Barton, Edmund Blake,	<i>Worcester,</i>	Wadsworth 5.
Bates, Horace Freeman,	<i>Wollaston,</i>	G. 44.
Battis, James Albert,	<i>Salem,</i>	W. 30.
Beals, George Charles,	<i>Winchendon,</i>	T. 25.
Beecher, Frederick Lyman,	<i>Vancouver, B. C.</i>	S. 4.
Bennett, Henry James,	<i>Nashville, Tenn.</i>	S. 2.
Bigelow, Warren Daniels,	<i>Roxbury,</i>	7 St. James St.,
Bird, Lindsey Eaton,	<i>Roxbury,</i>	T. 57. [Roxbury.]
Blanchard, Harold,	<i>Boston,</i>	Beck 46.
Block, Henry Joseph,	<i>Buffalo, N. Y.</i>	G. 12.

Bloom, Aaron Leopold,	<i>Chicago, Ill.</i>	Quincy 7.
Boardman, Roger Sherman, A.B.		
( <i>Maryville Coll.</i> ) 1896,	<i>Maryville, Tenn.</i>	9 Story St.
Bond, Thomas,	<i>Baltimore, Md.</i>	M. 53.
Bonsall, Ward,	<i>Salem, O.</i>	P. 34.
Bowditch, Henry Ingersoll,	<i>Albany, N. Y.</i>	H'y 10.
Bowker, Horace,	<i>Boston,</i>	Hilton 25.
Boyden, Albert Augustus,	<i>Sheffield, Ill.</i>	M. 39.
Boysen, Johannes Lassen,	<i>Loitkirkeby, Germany,</i>	36 Gorham St.
Breed, George Herschel,	<i>Lynn,</i>	P. 1.
Breed, Melville,	<i>Lynn,</i>	P. 1.
Brent, Harry Kelly,	<i>Lexington, Ky.</i>	Ware 41.
Bristol, Leland Emerson,	<i>Choteau, Mont.</i>	T. 64.
Brooks, Henry Gilbert,	<i>Milton,</i>	28 Holyoke St.
Brown, Lawrence Allyn,	<i>Roxbury,</i>	W. 16.
Brown, Reginald Woodman Plummer,	<i>Newtonville,</i>	W. 54.
Buck, Seaver Burton,	<i>E. Milton,</i>	H. 14.
Bull, Charles Caldwell,	<i>Belmont, Cal.</i>	Little's 26.
Burdett, Harold Corthell,	<i>Hingham,</i>	C't 33.
Burnett, Vivian,	<i>Washington, D. C.</i>	Quincy 11.
Burrage, George Barrett,	<i>Cambridge,</i>	W. 49.
Bushnell, Henry Davis,	<i>Plainfield, N. J.</i>	M. 42.
Butler, Lawrence Smith,	<i>New York, N. Y.</i>	Ware 38.
Butler, Max Lovell,	<i>Quincy,</i>	W. 43.
Campbell, John Douglass, A.B.		
( <i>Acadia Coll.</i> ) 1894,	<i>Weymouth, N. S.</i>	63 Oxford St.
Carleton, Richard High,	<i>Brookline,</i>	Little's 6.
Carman, Albert Benton,	<i>Martinsburg, W. Va.</i>	C. 62.
Carr, Ashton Livermore,	<i>Melrose,</i>	C. 47.
Carter, Almy Morrill,	<i>Woburn,</i>	P. 14.
Carter, Frank Burtchaell,	<i>Dedham,</i>	Hilton 24.
Carter, Hubert Lazell,	<i>W. Newton,</i>	W. H. 7.
Carter, Richard Burrage,	<i>W. Newton,</i>	W. H. 7.
Case, Charles Edward,	<i>Plainfield, N. J.</i>	M. 43.
Case, Frederick Teague,	<i>Plainfield, N. J.</i>	M. 43.
Chandler, Whitman Mitchell,	<i>Jamaica Plain,</i>	H'y 22.
Chipman, Richmond Lane,	<i>Dorchester,</i>	S. 28.
Clark, Edward Palmer,	<i>New York, N. Y.</i>	1727 Cambridge St.
Clark, John Taggart,	<i>Roxbury,</i>	C. 37.
Colgate, Charles Henry, Jr.	<i>Somerville,</i>	92 Glen St., Somerville.
Connolly, William Edward,	<i>Cambridge,</i>	56 Amory St.
Cooper, Frank Rogers,	<i>Dorchester,</i>	22 Mt. Auburn St.
Copeland, Edgar Marshall,	<i>Brockton,</i>	S. 9.

Cordova, Julian Dana de,	<i>Boston,</i>	C't 27.
Cozzens, George Freeman,	<i>Newport, R. I.</i>	H'ke 4.
Creighton, Eben, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Thomaston, Me.</i>	1697 Cambridge St.
Crocker, Jacob Reese,	<i>New York, N. Y.</i>	Ware 12.
Cunniff, Michael James Glen,	<i>Boston,</i>	34 Gray St., Boston.
Curtis, Frazier,	<i>Boston,</i>	Claverly 55.
Cutter, Charles Winthrop,	<i>Brookline,</i>	T. 9.
Daell, Paul Alphonse Henry van,	<i>Cambridge,</i>	105 Irving St.
Dalton, Philip Spaulding,	<i>Boston,</i>	Wadsworth 7.
Davis, Albert Watson,	<i>W. Roxbury,</i>	Craigie 108.
Davis, Ralph Sylvester,	<i>Waverly,</i>	Waverly.
Dearborn, Erastus Phillips, A.B. ( <i>Univ. of Washington</i> ) 1895,	<i>Index, Wash.</i>	S. 14.
Denison, John Avery,	<i>Springfield,</i>	P. 84.
DeNormandie, Robert Laurent,	<i>Roxbury,</i>	H'y 22.
Dexter, Lemuel LeBaron,	<i>Mattapoisett,</i>	H'y 21.
Dexter, Smith Owen,	<i>Providence, R. I.</i>	M. 24.
Dobyns, Fletcher,	<i>Hilliards, O.</i>	6 Story St.
Donaldson, William Rhind, Jr.	<i>St. Louis, Mo.</i>	M. 42.
Dorman, William Edwin,	<i>Lynn,</i>	S. 22.
Dove, Percival,	<i>Andover,</i>	65 Mt. Auburn St.
Du Bois, Arthur,	<i>W. New Brighton, N. Y.</i>	M. 23.
Dunn, Robert Steed,	<i>Newport, R. I.</i>	Ware 53.
Dyer, Henry Bradford,	<i>Cambridge,</i>	77 Pemberton St.
Edmunds, John Winthrop,	<i>Wellesley Hills,</i>	12 Mt. Auburn St.
Edson, John Wells,	<i>Roxbury,</i>	T. 12.
Edwards, Edmund Baker,	<i>Milton,</i>	Winthrop 32.
Ely, Vivian Daniel,	<i>St. Louis, Mo.</i>	H'ke 13.
Emmons, Arthur Brewster, 2d,	<i>Boston,</i>	27 Holyoke St.
Fciss, Henry Otto,	<i>Cleveland, O.</i>	P. 70.
Ffoulke, Horace Cushing,	<i>Washington, D. C.</i>	W. H. 38.
Finlay, George Irving,	<i>Brooklyn, N. Y.</i>	W. 27.
Fish, Milton Ernest,	<i>W. Somerville,</i>	14 Chapel St., Somerville.
Fisher, Richard Thornton,	<i>Berkshire,</i>	P. 46. [ville.]
Flagg, Charles Jewett,	<i>Holliston,</i>	Little's 16.
Flershem, Rudolph Byford,	<i>Chicago, Ill.</i>	1256 Mass. Ave.
Flint, John,	<i>Brookline,</i>	1130 Mass. Ave.
Fordyce, Samuel Wesley, Jr.	<i>St. Louis, Mo.</i>	H'ke 27.
Foster, Herbert Ira,	<i>Brookline,</i>	H'y 12.
Fowler, Henry Wood,	<i>Worcester,</i>	P. 53.
Frandsen, Peter,	<i>Reno, Nev.</i>	C. 38.
French, Charles Howe,	<i>Canton,</i>	M. 38.

Fuller, Samuel Lester,	<i>Andover,</i>	27 Holyoke St.
Fullerton, Edward Dwight,	<i>Boston,</i>	H. 10.
Gardner, Perley,	<i>Exeter, N. H.</i>	30 Walker St.
Garland, Frederick Eugene,	<i>Gardner,</i>	Craigie 302.
Garland, Francis Paul,	<i>Somerville,</i>	199 Beacon St.,
Gaw, Cooper,	<i>Easton, Pa.</i>	T. 64. [Somerville.]
Gay, Fritz Walter,	<i>Malden,</i>	T. 51.
Gibbs, John Mellen, Jr.	<i>Waltham,</i>	S. 24.
Giles, George Anson,	<i>Apalachin, N. Y.</i>	T. 22.
Gillespie, Lawrence Lewis,	<i>New York, N. Y.</i>	Ware 48.
Gilpin, Vincent, A. B. ( <i>Haverford</i> <i>Coll.</i> ) 1897,	<i>West Chester, Pa.</i>	Trinity 2.
Goodrich, David Marvin,	<i>Akron, O.</i>	Claverly 37.
Goodrich, Roy Sela,	<i>Phoenix, Ariz.</i>	W. H. 6.
Goodridge, Frederick James,	<i>Cambridge,</i>	G. 38.
Gould, Carl Frelinghuysen,	<i>New York, N. Y.</i>	W. H. 40.
Gray, William Holder, Jr.	<i>Dorchester,</i>	W. 15.
Graydon, Joseph Spenser,	<i>Cincinnati, O.</i>	Hilton 7.
Greenhalge, Frederick Brandlesome,	<i>Lowell,</i>	H'y 7.
Greenough, Chester Noyes,	<i>Wakefield,</i>	T. 25.
Greenough, Malcolm Scollay, Jr.	<i>Cleveland, O.</i>	Claverly 55.
Grilk, Charles,	<i>Davenport, Ia.</i>	S. 23.
Guillow, Louis Ezra,	<i>Gilsum, N. H.</i>	S. 2.
Gulick, James Gordon,	<i>San Sebastian, Spain,</i>	Trinity 17.
Gundlach, Ernst Theodore,	<i>Chicago, Ill.</i>	G. 11.
Gurney, Melvin Knowles,	<i>Brockton,</i>	M. 60.
Hack, Harold Wright,	<i>Taunton,</i>	Hilton 7.
Hale, William Jay, A. B. ( <i>Miami</i> <i>Univ.</i> ) 1897, A. M. ( <i>ibid.</i> ) 1897,	<i>Oxford, O.</i>	6 Ashton Pl.
Hall, Frank York,	<i>Roxbury,</i>	W. 12.
Halle, Arthur Jay,	<i>Cleveland, O.</i>	P. 70.
Hanson, Fernald Lester,	<i>Somerset,</i>	58 Hammond St.
Harrington, Wentworth Lewis,	<i>New York, N. Y.</i>	T. 31.
Hartshorn, Stewart Henry,	<i>Short Hills, N. J.</i>	Claverly 52.
Hatch, William Henry Paine,	<i>So. Hartford, N. Y.</i>	D. 20.
Hayden, John Putnam,	<i>New York, N. Y.</i>	Warland 15.
Healey, William Clair Stanislaus,		[E. Boston.]
A. B. ( <i>Boston Coll.</i> ) 1895,	<i>E. Boston,</i>	193 Webster St.,
Hecht, Simon Elias,	<i>Boston,</i>	Ware 34.
Heimrod, George William,	<i>Omaha, Neb.</i>	61 Oxford St.,
Henderson, Lawrence Joseph,	<i>Salem,</i>	W. 34.
Hernsheim, Charles,	<i>New Orleans, La.</i>	C't 26.
Hewins, James, Jr.	<i>Medfield,</i>	H'ke 45.

Higginson, Alexander Henry,	<i>Boston,</i>	Wadsworth 7.
Hill, Donald Mackay,	<i>Brookline,</i>	H'y 12.
Hinman, George Walker,	<i>No. Reading,</i>	F. 8.
Hoague, Theodore,	<i>Boston,</i>	44 Brattle St.
Hollis, Samuel Hudson,	<i>Lynn,</i>	P. 24.
Holmes, George Merrick Rice,	<i>Boston,</i>	229 Marlborough St.,
Holt, Harrison Jewell,	<i>Denver, Colo.</i>	T. 6. [Boston.
Hooper, Henry True,	<i>Portland, Me.</i>	M. 32.
Hosmer, Louis Holyoke,	<i>Washington, D. C.</i>	Claverly 29.
Howard, Arthur Henry,	<i>Hyde Park,</i>	H. 10.
Howland, George Wendall,	<i>Sandwich,</i>	421 Broadway.
Hubbard, Frederic Tracy,	<i>Cambridge,</i>	150 Brattle St.
Hubbard, Joseph Edwards,	<i>Cambridge,</i>	6 Fayette St.
Hubbard, Paul Mascarene,	<i>Boston,</i>	M. 24.
Huidekoper, Reginald Shippen,	<i>Washington, D. C.</i>	Apley Court 24.
Huiskamp, John Edabduel,	<i>St. Louis, Mo.</i>	W. 1.
Hyde, Frederick Erastus, Jr.	<i>New York, N. Y.</i>	26 Trowbridge St.
Hyde, James Hazen,	<i>New York, N. Y.</i>	Claverly 6.
Ingraham, Phoenix,	<i>New York, N. Y.</i>	Claverly 32.
Jackson, Charles,	<i>Boston,</i>	28 Holyoke St.
Jackson, Carl Newell,	<i>Dorchester,</i>	S. 28.
Jacobs, Allen,	<i>Cambridge,</i>	19 Pleasant St.
Jewell, Walter Orwell,	<i>Lawrence,</i>	2 Gorham St.
Johnson, Erik St. John,	<i>E. Braintree,</i>	H'y 5.
Johnson, Reginald Mansfield,	<i>Andover,</i>	Hilton 3.
Jones, Cecil Charles, A. B. ( <i>Univ.</i>		[Everett.
<i>of New Brunswick</i> ) 1897,	<i>Boundary Creek, N. B.</i>	12 Thurman St.,
Jordan, Frederick,	<i>Philadelphia, Pa.</i>	Apley Court 44.
Kahn, Herbert Claude,	<i>Indianapolis, Ind.</i>	1671 Cambridge St
Keene, Charles Herbert,	<i>Allston,</i>	W. H. 22.
Kelly, Nathan Spaulding,	<i>Boston,</i>	P. 6.
Kilbreth, John William, Jr.	<i>Southampton, N. Y.</i>	Claverly 32.
Kimball, William Otis,	<i>Boston,</i>	T. 9.
Kimmons, John Henry, S. B.		
( <i>Drury Coll.</i> ) 1895,	<i>Republic, Mo.</i>	49 Trowbridge St.
King, Cyril Norman,	<i>Jamaica, W. I.</i>	D. 7.
Kinnicutt, Gustav Hermann,	<i>New York, N. Y.</i>	9 Linden St.
Knox, James Lloyd,	<i>Newtonville,</i>	W. H. 51.
Lane, John Beach,	<i>St. Louis, Mo.</i>	Claverly 52.
Lansing, John Ernest,	<i>Cambridge,</i>	1034 Mass. Ave.
Letterle, John Michael,	<i>Louisville, Ky.</i>	W. H. 14.
Liebmann, Charles Joseph,	<i>New York, N. Y.</i>	20 Prescott St.
Lloyd, William Bross,	<i>Winnetka, Ill.</i>	T. 27.



Long, Percy Waldron,	<i>Philadelphia, Pa.</i>	G. 31.
Loud, John Adams,	<i>Chelsea,</i>	W. 44.
Lovering, Arthur,	<i>Cambridge,</i>	7 Larch St.
Lunt, Horace Fletcher,	<i>Colorado Springs, Colo.</i>	T. 27.
McBurney, Henry,	<i>New York, N. Y.</i>	9 Linden St.
McDaniel, Arthur Sumner,	<i>Newton Centre,</i>	M. 59.
McIntyre, William Gordon Stuart,	<i>Milton,</i>	G. 34.
McPherson, Ross,	<i>Cambridge,</i>	M. 46.
Maggs, Alfred Bowman, A.B. ( <i>Univ.</i> <i>of New Brunswick</i> ) 1894,	<i>Sussex, N. B.</i>	1680 Cambridge St.
Malone, Edward Sylvester,	<i>Fitchburg,</i>	1134 Mass. Ave.
Manning, Charles Frederick,	<i>Cambridge,</i>	398 Putnam Ave.
Mark, Kenneth Lamartine,	<i>Cambridge,</i>	109 Irving St.
Marshall, Adoniram Judson,	<i>Cambridge,</i>	67 Mt. Auburn St.
Martell, George Arthur, A.B. ( <i>Acadia Coll.</i> ) 1897,	<i>Roxbury,</i>	61 Oxford St.
Marvin, Langdon Parker,	<i>Albany, N. Y.</i>	Apley Court 42.
Maynard, Effingham, Jr.	<i>New York, N. Y.</i>	5 Linden St.
Maynard, Richard Field,	<i>Utica, N. Y.</i>	H. 11.
Metcalf, George Putnam,	<i>St. Paul, Minn.</i>	W. 20.
Millard, Ezra,	<i>Omaha, Neb.</i>	Lerner 7.
Millard, Herbert Eugene,	<i>Waltham,</i>	57 Wadsworth Ave.,
Millett, Frederic Strickland,	<i>Beverly,</i>	P. 64. [Waltham.]
Morgan, Charles Eldridge, 3d,	<i>Germantown, Pa.</i>	65 Mt. Auburn St.
Morse, Glenn Tilley,	<i>St. Louis, Mo.</i>	Beck 22.
Morse, Tyler,	<i>Boston,</i>	Apley Court 41.
Morton, Howard Ansel, A.B. ( <i>Acadia Coll.</i> ) 1897,	<i>New Germany, N. S.</i>	[Somerville.] 55 Adams St.,
Naumburg, George Washington,	<i>New York, N. Y.</i>	Little's 4.
Neville, Kenneth Percival Rutherford, A.B. ( <i>Queen's Coll.</i> ) 1896, A.M. ( <i>ibid.</i> ) 1897,	<i>Newburgh, Ont.</i>	1691 Cambridge St.
Newhall, Albert Hitchings,	<i>E. Saugus,</i>	E. Saugus.
Newhall, Guy,	<i>Lynn,</i>	S. 22.
Nichols, Nathaniel Goldsmith,	<i>Salem,</i>	M. 46.
Noyes, George Harold,	<i>Georgetown,</i>	27 Mellen St.
Odde, John Alvin Lawson, Jr.	<i>Cambridge,</i>	16 Lake St.
Osborne, Roy Wallace,	<i>Lynn,</i>	C. 29.
Otis, William Kitchen,	<i>Chicago, Ill.</i>	Craigie 406.
Paine, Randolph, A.B. ( <i>Add-</i> <i>Ran Coll.</i> ) 1892,	<i>Denton, Tex.</i>	32 Mellen St.
Palfrey, Francis Winslow,	<i>Belmont,</i>	G. 22.
Palmer, Honoré,	<i>Chicago, Ill.</i>	Claverly 19.

Palmer, Potter, Jr.	<i>Chicago, Ill.</i>	Claverly 19.
Parke, Ramond Tasker,	<i>Lynn,</i>	P. 2.
Parkhurst, Laurence Henry,	<i>Cambridge,</i>	45 Dana St.
Parrott, Alfred Francis,	<i>Worcester,</i>	10 Remington St.
Parsons, Percy Fowler,	<i>Somerville,</i>	18 Crescent St.,
Patterson, Henry Sells,	<i>Ripley, O.</i>	S. 24. [Somerville.]
Payson, Charles Clifford,	<i>Brookline,</i>	65 Mt. Auburn St.
Perkins, James Handasyd,	<i>Milton,</i>	102 Mt. Auburn St.
Perkins, Norton,	<i>New York, N. Y.</i>	Ware 23.
Philbrick, Hazen Pierce,	<i>Cambridge,</i>	49 Putnam Ave.
Phillips, Eben Fenimore,	<i>So. Dennis,</i>	T. 13.
Pickhardt, Ernest Wilhelm Sutton,	<i>New York, N. Y.</i>	60 Brattle St.
Pierce, Starr MacGregor,	<i>Cambridge,</i>	43 Dana St.
Player, Preston,	<i>Worcester,</i>	Apley Court 2.
Porter, William Howard,	<i>Concord, N. H.</i>	S. 25.
Powers, Edward Dennis,	<i>Brockton,</i>	M. 60.
Pray, James Sturgis,	<i>Cambridge,</i>	27 Everett St.
Prentiss, John Wing,	<i>Bangor, Me.</i>	Ware 41.
Prescott, Henry Dudley,	<i>New Bedford,</i>	H'ke 28.
Rand, Waldron Holmes, Jr.	<i>Dorchester,</i>	12 Mt. Auburn St.
Redpath, Léon Wallace,	<i>Newtonville,</i>	W. H. 51.
Reed, William Howell, Jr.	<i>Roxbury,</i>	81 Walnut Ave., Roxbury.
Reese, Ward Winter,	<i>Lancaster, Pa.</i>	Lawrence 27.
Reynolds, Arthur Warren,	<i>Cambridgeport,</i>	126 Green St.
Rice, Alexander Hamilton,	<i>Boston,</i>	30 Holyoke St.
Rice, John Clark,	<i>Boston,</i>	30 Holyoke St.
Richards, Henry Howe,	<i>Gardiner, Me.</i>	T. 5.
Riggs, Austen Fox,	<i>New York, N. Y.</i>	Ware 44.
Roberts, Hiram Hall,	<i>Youngstown, O.</i>	M. 25.
Roberts, William Frederick,	<i>Roxbury,</i>	42 Quincy St., Rox-
Robertson, Carl Trowbridge,	<i>Cleveland, O.</i>	P. 21. [bury
Robinson, Beverley Randolph,	<i>New York, N. Y.</i>	Little's 14.
Robinson, Herman Foster,	<i>New York, N. Y.</i>	Little's 14.
Robinson, Moncure,	<i>New York, N. Y.</i>	Read's 30.
Robinson, Samuel,	<i>Boston,</i>	H'y 10.
Rooney, Paul Daniel, A.B. ( <i>St.</i>		
<i>Francis Solanus Coll.</i> ) 1895,		
( <i>St. Louis Univ.</i> ) 1896,	<i>Cambridge,</i>	1132 Mass. Ave.
Rosenthal, Stephen Brooks,	<i>New York, N. Y.</i>	T. 22.
Rust, Paul Drummond,	<i>Cambridge,</i>	Claverly 29.
Sanborn, Edwin Luther, Jr.	<i>Boston,</i>	H'ke 6.
Saunderson, Henry Hallam,		
P.H.B. ( <i>Hamline Univ.</i> ) 1896,	<i>St. Paul, Minn.</i>	S. 5.

Sawyer, Philip Brett,	<i>Roxbury,</i>	T. 12.
Scott, Hugh Davids,	<i>Philadelphia, Pa.</i>	Claverly 35.
Scull, Guy Hamilton,	<i>Boston,</i>	H'y 2.
Seaver, Oscar Seidel,	<i>Waban,</i>	W. 1.
Shaw, Edward Pearce,	<i>W. Medford,</i>	421 High St.,
Shaw, James Ebenezer Norton,	<i>Mattapoisett,</i>	H'y 21. [W. Medford.
Sheafe, Charles Minot, Jr.	<i>Seattle, Wash.</i>	S. 8.
Shortlidge, Jonathan Chauncey,		
A. B. ( <i>Swarthmore Coll.</i> ) 1896,	<i>Concordville, Pa.</i>	10 Oxford St.
Slade, Charles Parker,	<i>Quincy,</i>	W. 24.
Smith, Frederick Phillips,	<i>Boston,</i>	H. 2.
Smith, Harry Shepherd,	<i>Springfield,</i>	P. 88.
Smith, St. John,	<i>Portland, Me.</i>	Beck 7.
Smith, Vine Harold,	<i>Hanover, Conn.</i>	D. 33.
Snow, William Leonard, A. B.		
( <i>Wesleyan Univ.</i> ) 1894,	<i>Brockton,</i>	12 Kirkland Pl.
Spencer, Arthur Weightman,	<i>Brookline,</i>	G. 40.
Sprague, Albert Arnold, 2d,	<i>Chicago, Ill.</i>	20 Holyoke St.
Stackpole, William, 2d,	<i>Boston,</i>	Beck 46.
Stanley, Harry Rufus,	<i>Lawrence,</i>	W. H. 9.
Starbuck, Eric Arthur,	<i>Andover,</i>	C. 48.
Stearns, Robert Thomas,	<i>Jamaica Plain,</i>	C. 85.
Stensland, Theodore,	<i>Chicago, Ill.</i>	Ware 31.
Sterling, Frederic Augustine, 2d,	<i>St. Louis, Mo.</i>	Beck 41. .
Stewart, John Walker, A. B.		
( <i>Grove City Coll.</i> ) 1896,	<i>Hookstown, Pa.</i>	17 Putnam Ave.
Stillman, Charles Chauncey,	<i>New York, N. Y.</i>	Beck 21.
Stone, Benjamin Heywood,	<i>Worcester,</i>	M. 38.
Stone, Robert Bowditch,	<i>Boston,</i>	Hilton 9.
Stout, Ralph,	<i>Brooklyn, N. Y.</i>	G. 34.
Sulloway, Richard Woodbury,	<i>Franklin, N. H.</i>	12 Mt. Auburn St.
Swann, John Butler,	<i>Stockbridge,</i>	H'y 13.
Taft, Stephen Swift, Jr.	<i>Springfield,</i>	W. H. 43.
Teevens, John Joseph, Jr.	<i>So. Boston,</i>	W. H. 45.
Thayer, John Mowry,	<i>Worcester,</i>	W. 31.
Thompson, Frederick Henry, Jr.	<i>Fitchburg,</i>	Craigie 106.
Thurston, Edward Sampson,	<i>New York, N. Y.</i>	Claverly 40.
Tilden, Calvin Sylvester,	<i>So. Hanover,</i>	H. 17.
Tirrell, Edwin Van Deusen,	<i>Hyde Park,</i>	1268 Mass. Ave.
Tobey, George Oakes, Jr.	<i>Augusta, Me.</i>	W. H. 43.
Tonks, Oliver Samuel,	<i>Malden,</i>	T. 51.
Towner, John De Koven,	<i>Highland Park, Ill.</i>	Craigie 408.
Trapp, Richard Alfred,	<i>Cambridge,</i>	1560 Cambridge St.

Utassy, George von,	<i>Germantown, Pa.</i>	Claverly 15.
Utter, Robert Palfrey,	<i>Denver, Colo.</i>	T. 6.
Valentine, Joseph Loring,	<i>Dorchester,</i>	W. 16.
Vincent, Beth,	<i>Ft. Dodge, Ia.</i>	Trinity 4.
Vose, Louis Ellis,	<i>Jamaica Plain,</i>	Hilton 14.
Walsworth, Eliot,	<i>Boston,</i>	27 Holyoke St.
Waldo, Fullerton Leonard,	<i>Bridgeport, Conn.</i>	T. 41.
Wallace, Allen,	<i>New York, N. Y.</i>	Claverly 5.
Ward, George Cabot,	<i>New York, N. Y.</i>	Warland 4.
Wardwell, Henry Fitch,	<i>Salem,</i>	T. 50.
Warner, Eugene,	<i>Buffalo, N. Y.</i>	H'ke 34.
Waterhouse, William Eben,	<i>Melrose,</i>	H. 1.
Watson, George Holdrege,	<i>Milton,</i>	Milton.
Weaver, William Edgar,	<i>Saxton, Pa.</i>	C. 44.
Wells, Philip Bartlett,	<i>Plainfield, N. J.</i>	1727 Cambridge St.
Westcott, Frank Perley,	<i>White Rock, Me.</i>	S. 6.
Wheelock, William Hawxhurst,	<i>New York, N. Y.</i>	Ware 2.
White, Frank Chute,	<i>So. Boston,</i>	20 Ware St.
Whitford, Robert Atwood,	<i>Waltham,</i>	P. 64.
Whitney, Louis Lincoln,	<i>Lincoln,</i>	S. 18.
Williams, Benjamin Franklin,	<i>Valparaiso, Ind.</i>	10 Ashton Pl.
Wilson, Francis Cushman,	<i>Winchester,</i>	P. 18.
Wood, Clement Biddle,	<i>Philadelphia, Pa.</i>	65 Mt. Auburn St.
Wood, Howard, Jr.	<i>Philadelphia, Pa.</i>	65 Mt. Auburn St.
Woods, Carleton Magoun,	<i>Boston,</i>	M. 36.
Woodward, William,	<i>New York, N. Y.</i>	Claverly 16.
Wright, Charles Irving,	<i>Rockland,</i>	Claverly 16.
Wright, Frederick Richter,	<i>Aspen, Colo.</i>	Quincy 11.
Zeller, Augustus P, A. B. ( <i>Univ.</i> <i>of Kansas</i> ) 1895,	<i>Munich, Germany,</i>	H. 22.

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JUNIOR CLASS.

Adams, Arthur,	<i>Quincy,</i>	26 Holyoke St.
Adams, Charles Perkins,	<i>Cambridge,</i>	45 Oxford St.
Adams, George Edward,	<i>Quincy,</i>	G. 44.
Alexander, Edward Franklin,	<i>Cincinnati, O.</i>	15 Avon St.
Alexander, Thornton Stanwood,	<i>Buffalo, N. Y.</i>	22 Mt. Auburn St.
Allen, Herbert Ira,	<i>Deering, Me.</i>	C. 18.
Andrews, Robert Eaton,	<i>Cambridge,</i>	G. 32.
Arvedson, George Clarence,	<i>Salem,</i>	P. 62.
Averell, James George,	<i>Rochester, N. Y.</i>	33 Bow St.
Bacon, James Flynt,	<i>Cambridge,</i>	80 Garfield St.

Bail, John Warren,	<i>Newton Highlands,</i>	S. 28.
Baker, George Fisher,	<i>New York, N. Y.</i>	Claverly 46.
Baker, Leslie Talbot,	<i>Boston,</i>	68 Mt. Auburn St.
Baldwin, Charles Edward,	<i>Cambridge,</i>	197 Auburn St.
Ballou, Charles Rathbone,	<i>Providence, R. I.</i>	Ware 40.
Bancroft, Griffing,	<i>San Francisco, Cal.</i>	96 Brattle St.
Bancroft, Paul,	<i>San Francisco, Cal.</i>	96 Brattle St.
Barker, Henry Francis,	<i>Quincy,</i>	G. 39.
Barnes, Joseph Hood,	<i>Grove City, Pa.</i>	17 Putnam Ave.
Batchelder, John Thiery,	<i>So. Boston,</i>	17 Dunster St.
Batchelder, Samuel Henry,	<i>Salem,</i>	P. 29.
Beaman, Middleton Goldsmith,	<i>Cambridge,</i>	H'ke 31.
Beardsley, Sterling Sherman, A. B. ( <i>Brooklyn Polytech. Inst.</i> ) 1897,	<i>Brooklyn, N. Y.</i>	T. 53.
Becker, William Dee,	<i>St. Louis, Mo.</i>	H'ke 13.
Beckwith, Edwin Burt,	<i>Washington, D. C.</i>	19 Ellsworth Ave.
Beer, Scott Eugene, A. B. ( <i>Tulane Univ.</i> ) 1897,	<i>New Orleans, La.</i>	42 Kirkland St.
Bellows, Robert Peabody,	<i>Boston,</i>	Hilton 16.
Benner, Richard Stanwood,	<i>Waldoboro, Me.</i>	M. 56.
Best, Louis Albert,	<i>Cambridge,</i>	891 Mass. Ave.
Bidwell, Raymond Austin,	<i>Springfield,</i>	P. 84.
Blackwell, Howard Lane,	<i>E. Orange, N. J.</i>	W. 23.
Blauvelt, William Grove,	<i>Virginia City, Nev.</i>	W. 23.
Blood, Charles Winthrop,	<i>Auburndale,</i>	T. 40.
Bonaparte, Jerome Napoleon Charles,	<i>Washington, D. C.</i>	Ware 27.
Boody, Edgar,	<i>Brooklyn, N. Y.</i>	T. 35.
Bouvé, Clement Lincoln,	<i>Cambridge,</i>	27 Everett St.
Bramhall, Thomas Long,	<i>Roxbury,</i>	113 Moreland St., Rox-
Brannan, Frank Doddridge,	<i>Cincinnati, O.</i>	Hilton 18. [bury.
Brayton, Percy Shields,	<i>Cambridge,</i>	11 Leonard Ave.
Brice, John Francis,	<i>Lima, O.</i>	Beck 36.
Brooks, Edwin Deering,	<i>Dedham,</i>	T. 15.
Brooks, John Edward,	<i>Milton,</i>	28 Holyoke St.
Brown, Edward Bangs,	<i>W. Medford,</i>	W. 18.
Brown, Frederick Nelson,	<i>Charlestown,</i>	S. 12.
Brown, Philip Lamson,	<i>Belmont,</i>	H'y 23.
Bryant, Fred Kirk,	<i>Cambridge,</i>	6 Trowbridge St.
Bryant, George Phillips,	<i>Melrose,</i>	T. 65.
Burnham, Harry Lionel,	<i>Gloucester,</i>	M. 22.
Burrage, Paul,	<i>Chestnut Hill,</i>	T 19.
Burton, Ward Cotton,	<i>Deephaven, Minn.</i>	M. 37.
Butts, Ralph Fanning,	<i>Poughkeepsie, N. Y.</i>	44 Mt. Auburn St.

Campbell, Allan Reuben,	<i>Washington, D. C.</i>	M. 25.
Campbell, James McDougall,	<i>Evanston, Ill.</i>	H'y 17.
Campbell, Sherman,	<i>Cambridge,</i>	102 River St.
Carleton, Philip Greenleaf,	<i>Lawrence,</i>	Little's 32.
Carr, Charles Lancaster,	<i>Dorchester,</i>	M. 20.
Carter, William Walcott,	<i>Newtonville,</i>	T. 40.
Catlin, Daniel Kayser,	<i>St. Louis, Mo.</i>	Claverly 2.
Catlin, Theron Ephron,	<i>St. Louis, Mo.</i>	Claverly 2.
Chace, Arthur Freeborn, S. B.		
( <i>Eartham Coll.</i> ) 1897,	<i>Fall River,</i>	58 Hammond St.
Chase, Sidney Marsh,	<i>Haverhill,</i>	W. H. 34.
Chesley, Harry Gilbert,	<i>Newton,</i>	25 Wesley St.,
Chessman, Charles Francis,	<i>Cochituate,</i>	T. 1. [Newton.
Childs, Edwin Otis, Jr.	<i>Newton,</i>	P. 59.
Chrostwaite, Thomas Francis,	<i>Ashley, Pa.</i>	T. 48.
Clapp, Howard,	<i>Boston,</i>	W. 48.
Clarke, Thomas Wood,	<i>Utica, N. Y.</i>	M. 45.
Cleaves, Charles Henry, Jr.	<i>Rockport,</i>	G. 47.
Cochrane, Francis Douglas,	<i>Boston,</i>	Claverly 42.
Coffin, William Balch,	<i>Brookline,</i>	H'y 4.
Cook, Carleton Sprague,	<i>New York, N. Y.</i>	H'y 15.
Cook, Philip Howard,	<i>Portland, Me.</i>	H'ke 46.
Coonley, Howard,	<i>Chicago, Ill.</i>	W. H. 57.
Costigan, Edward Prentiss,	<i>Denver, Col.</i>	40 Irving St.
Cotton, John Page,	<i>Roxbury,</i>	M. 14.
Cox, Rutherford Hayes,	<i>Cincinnati, O.</i>	P. 44.
Creden, Benjamin Taber,	<i>So. Boston,</i>	M. 33.
Crocker, George Glover, Jr.	<i>Boston,</i>	Wadsworth 9.
Crowley, James Leo,	<i>Cambridge,</i>	54 Fairmont St.
Curtis, James Freeman, 2d,	<i>Boston,</i>	Claverly 42.
Cutting, Walter Livingston,	<i>Pittsfield,</i>	78 Mt. Auburn St.
Damon, Israel,	<i>Quincy,</i>	F. 1.
Davis, Charles Strout,	<i>Terre Haute, Ind.</i>	H'ke 10.
Davis, Edward Perkins,	<i>W. Roxbury,</i>	Craigie 108.
Davis, Pierpont,	<i>New York, N. Y.</i>	Craigie 207.
Dean, Austin Phelps,	<i>Colebrook, Conn.</i>	D. 30.
Dean, Horace Bunce,	<i>Colebrook, Conn.</i>	W. 52.
Denholm, John Archibald,	<i>Worcester,</i>	W. H. 3.
Denison, George Hurst,	<i>Syracuse, N. Y.</i>	Ware 1.
Dennis, Joseph Charles,	<i>Worcester,</i>	S. 20.
Dennison, Henry Sturgis,	<i>Roxbury,</i>	M. 11.
Denny, George Kirkham,	<i>Brooklyn, N. Y.</i>	H'ke 16.
Derby, Stephen Hasket,	<i>Boston,</i>	Manter 8.

Desmond, Walter Joseph,	<i>Worcester,</i>	S. 20.
Devlin, John Edward, Jr.	<i>Wilton, N. H.</i>	Hilton 35.
Dibblee, Benjamin Harrison,	<i>Ross, Cal.</i>	69 Mt. Auburn St.
Dickinson, William Reynolds,	<i>Chicago, Ill.</i>	W. H. 25.
Dole, James Drummond,	<i>Jamaica Plain,</i>	H'y 19.
Dolman, Carroll George,	<i>Butte, Mont.</i>	6 Story St.
Donald, Malcolm,	<i>Brookline,</i>	18 Plympton St.
Donham, Wallace Brett,	<i>Rockland,</i>	P. 56.
Dority, Alphonso Augustus,	<i>Somerville,</i>	64 Bonair St., Somerville.
Dowst, Henry Payson,	<i>Bangor, Me.</i>	Ware 22.
Draper, Edward Bailey,	<i>Canton,</i>	M. 2.
Dudley, George Edward,	<i>W. Winsted, Conn.</i>	Ware 33.
Duffy, Frank James,	<i>Waldo, Kans.</i>	C. 34.
Durgin, Arthur Foster,	<i>Bradford,</i>	H'y 14.
Dutton, George Damon,	<i>Auburndale,</i>	H'y 4.
Dyer, George Jones,	<i>New York, N. Y.</i>	Claverly 45.
Dyer, John Lathrop,	<i>Cambridge,</i>	25 Mt. Pleasant St.
Eaton, William Dunnell,	<i>Providence, R. I.</i>	11 Appian Way.
Edgell, Calvin Sumner,	<i>Gardner,</i>	H'y 1.
Edwards, Granville Dennis, A.B.		
( <i>Univ. of Missouri</i> ) 1897,	<i>Hamilton,</i>	D. H. 3.
Elder, Edward Everett,	<i>Sharon,</i>	C. 3.
Endicott, Thorndike Howe,	<i>Boston,</i>	28 Holyoke St.
Ensign, Charles Sidney, Jr.	<i>Newton,</i>	S. 32.
Estabrook, Mansfield,	<i>St. Paul, Minn.</i>	26 Holyoke St.
Eustis, Lawrence Eckley,	<i>Cambridge,</i>	H'ke 38.
Ewing, Alexander Bigelow,	<i>Brookline,</i>	1651 Beacon St.,
Eyre, Alfred Stacey,	<i>Chester, Pa.</i>	W. 6. [Brookline.]
Fairchild, Blair,	<i>Boston,</i>	69 Mt. Auburn St.
Falvey, Francis William,	<i>So. Boston,</i>	G. 26.
Farley, John Wells,	<i>Cambridge,</i>	35½ Brattle St.
Faxon, Thomas Keith,	<i>Spencer,</i>	W. 53.
Fayerweather, Roades,	<i>Chicago, Ill.</i>	T. 50.
Fish, Alfred Lawrence,	<i>Sandwich,</i>	D. 21.
Fish, Henry Hudson,	<i>Taunton,</i>	H'ke 32.
Fisher, Willis Richardson,	<i>Boston,</i>	H. 2.
Fitz, Walter Scott, 2d,	<i>Newton Centre,</i>	Little's 17.
Fleisher, Edwin Adler,	<i>Philadelphia, Pa.</i>	Ware 34.
Fletcher, Daniel Howard,	<i>Marlboro,</i>	D. 21.
Forbes, Joseph Dunderdale,	<i>Morris Plains, N.J.</i>	Dunster 44.
Ford, George Burdett,	<i>Clinton,</i>	T. 37.
Foster, George Herbert,	<i>New York, N. Y.</i>	Ware 49.
Frank, Walter Paul,	<i>New York, N. Y.</i>	P. 13.

Franklin, Bertram Adolph, s. b. ( <i>Eureka Coll.</i> ) 1896,	<i>Lexington, Ill.</i>	H. 30.
French, Philip,	<i>Boston,</i>	28 Holyoke St.
Fried, Gustav Adolph,	<i>New York, N. Y.</i>	C't 39.
Frothingham, John Whipple,	<i>Brooklyn, N. Y.</i>	Quincy 10.
Gage, Edmund Vernon,	<i>Bradford,</i>	C. 53.
Galbraith, Archibald Victor,	<i>Springfield,</i>	63 Highland Ave.
Galbraith, John Sayward,	<i>Springfield,</i>	63 Highland Ave.
Garland, Roy,	<i>Gloucester,</i>	W. 39.
Garrett, Thomas, Jr.	<i>W. New Brighton, N. Y.</i>	H'y 24.
Gerrish, William Churchill,	<i>Brooklyn, N. Y.</i>	Quincy 3.
Gibbs, Frank Edwin, Jr.	<i>Taunton,</i>	H'ke 32. [Roxbury.
Gibby, Harry Edgar,	<i>Roxbury,</i>	100 Crawford St.,
Gierasch, Paul Francis Julius,	<i>Brooklyn, N. Y.</i>	16 Howland St.
Gilder, Rodman de Kay,	<i>New York, N. Y.</i>	31 Bow St.
Goldfrank, Fred,	<i>New York, N. Y.</i>	C't 5.
Goodman, Jules Eckert,	<i>Portland, Ore.</i>	1134 Mass. Ave.
Goodridge, George Alfred,	<i>Cambridge,</i>	12 Scott St.
Goodwin, Martin Furber,	<i>Wolboro, N. H.</i>	32 Gorham St.
Gordon, Donald,	<i>Kyoto, Japan,</i>	S. 26.
Griffin, Bartholomew Francis,	<i>Chelsea,</i>	190 Ash St., Chelsea.
Hall, George Duffield,	<i>St. Louis, Mo.</i>	Claverly 39.
Hall, Henry Marion,	<i>Plainfield, N. J.</i>	T. 20.
Hamilton, Charles Augustus,	<i>Worcester,</i>	W. H. 3.
Hanson, William Clinton,	<i>Cambridge,</i>	36 Gray St.
Hardy, Thornton Sherburne,	<i>Boston,</i>	12 Mt. Auburn St.
Harlow, Edward Dexter, Jr.	<i>Salem,</i>	C't 14.
Harrington, James Taylor,	<i>New York, N. Y.</i>	T. 31.
Harris, Fred Warren,	<i>Somerville,</i>	42 Highland Ave.,
Harris, Richard Brown,	<i>Marblehead,</i>	W. 30. [Somerville.
Harris, Roland Winslow,	<i>Melrose,</i>	G. 28.
Harris, Walter Capen,	<i>Somerville,</i>	42 Highland Ave.,
Haskell, Edward Kirk,	<i>W. Falmouth, Me.</i>	M. 56. [Somerville.
Haskell, Guy Butler,	<i>Cambridge,</i>	H'ke 4.
Haughton, Percy Duncan,	<i>Brookline,</i>	30 Holyoke St.
Hawkins, William Herrick,	<i>Cambridge,</i>	53 Oxford St.
Hayden, Frank,	<i>New Harmony, Ind.</i>	43 Irving St.
Hayden, Harold Buckminster,	<i>New York, N. Y.</i>	Warland 12.
Hayes, William Solomon,	<i>Watertown, N. Y.</i>	C. 34.
Hedges, Roy Sidney,	<i>Roxbury,</i>	Hilton 30.
Hersey, Frank Wilson Cheney,	<i>Lincoln,</i>	1611 Mass. Ave.
Higginson, Stephen, Jr.	<i>New York, N. Y.</i>	Hilton 27.
Hildreth, Horace Edwin,	<i>Cambridge,</i>	6 Linnaean St.



Hill, Henry Horace,	<i>Boston,</i>	M. 41.
Hognat, Robert Louis,	<i>New York, N. Y.</i>	C't 23.
Holbrook, Marshall Sumner,	<i>Malden,</i>	T. 17.
Holden, Joshua Bennett, Jr.	<i>Boston,</i>	Ware 19.
Holmes, Massey Bryant,	<i>Kansas City, Mo.</i>	68 Mt. Auburn St.
Holt, Frank Herbert Ford,	<i>Cambridge,</i>	1 Langdon Sq.
Homans, John Alden,	<i>Boston,</i>	Little's 10.
Hood, Chauncey Wray,	<i>Roxbury,</i>	55 Windsor St., Roxbury.
Hopkins, Roland Gage,	<i>Arlington,</i>	Read's 12.
Howe, James Carleton,	<i>Longwood,</i>	52 Mt. Auburn St.
Huntington, Constant Davis,	<i>Hanover, N. H.</i>	12 Ware St.
Huntress, Harold Poole,	<i>Winchester,</i>	Hilton 17.
Hurd, Lyman Eugene,	<i>Salem,</i>	C't 14.
Hurt, George Fletcher,	<i>Atlanta, Ga.</i>	H'ke 2.
Huxley, Henry Minor,	<i>Boston,</i>	M. 1.
Hyman, Mark,	<i>Cincinnati, O.</i>	2 Holmes Pl.
Iungerich, Eldred Edward,	<i>Philadelphia, Pa.</i>	1256 Mass. Ave.
Jackson, Robert Appleton,	<i>Boston,</i>	26 Holyoke St.
Jackson, William Harold,	<i>Newtonville,</i>	W. H. 46.
James, Henry, 2d,	<i>Cambridge,</i>	H'ke 40.
Jameson, Irving Lindsley,	<i>Boston,</i>	S. 28.
Jenness, Howard Cornelius,	<i>Haverhill,</i>	T. 18.
Jewell, Pliny, 2d,	<i>Boston,</i>	26 Holyoke St.
Johnson, Alfred,	<i>Boston,</i>	178 Marlborough St.,
Johnson, Denis David,	<i>Dorchester,</i>	W. 5. [Boston.
Johnson, Virgil Victor, A.B.		
( <i>Univ. of Oregon</i> ) 1896,	<i>Eugene, Ore.</i>	81 Oxford St.
Jones, Joseph Albert,	<i>Buffalo, N. Y.</i>	W. H. 15.
Jones, Reginald Francis,	<i>Concord,</i>	Concord.
Keene, Paul Munroe,	<i>Lynn,</i>	T. 26.
Keiley, Jarvis William,	<i>New York, N. Y.</i>	Ware 49.
Kendall, Waldo Shaw,	<i>Cambridge,</i>	24 Bowdoin St.
Kenton, Maurice Dunlap, A.B.		
( <i>Drury Coll.</i> ) 1897,	<i>Springfield, Mo.</i>	49 Trowbridge St.
Kerper, George Baron, Jr.	<i>Dayton, O.</i>	M. 51.
Keyes, Lester Bateman,	<i>Still River,</i>	C. 18.
Kidder, Homer Huntington,	<i>Cambridge,</i>	188 Brattle St.
Kilbourn, Arthur Goss,	<i>So. Lancaster,</i>	23 Irving St.
Kimball, Henry Horton,	<i>Boston,</i>	P. 28.
Klein, Eugene Schreiber,	<i>St. Louis, Mo.</i>	C't 45.
Lamson, Clement Richmond,	<i>Jamaica Plain,</i>	Ophir St., Jam. Plain.
Lane, John William,	<i>Dorchester,</i>	G. 26.
Lapsley, Arthur Brooks,	<i>New York, N. Y.</i>	Little's 8.

Laverack, Howard Cowing,	<i>Buffalo, N. Y.</i>	33 Bow St.
Lawrence, Frank,	<i>New York, N. Y.</i>	Ware 46.
Lay, Henry Hamilton,	<i>Kewanee, Ill.</i>	H'y 14.
Leavitt, William Merrill,	<i>Marshfield Hills,</i>	F. 1.
Lee, Maurice Brown,	<i>Dubuque, Ia.</i>	Felton 26.
Leen, Michael Edward,	<i>Charlestown,</i>	19 Salem St., Charles-
Leeson, Robert Ainsworth,	<i>Newton Centre,</i>	Little's 28. [town.
Leitner, Claude Clifton,	<i>Marion, S. C.</i>	1697 Cambridge St.
Lemann, Walter, A.B. ( <i>Tulane</i>		
<i>Univ. of Louisiana</i> ) 1897,	<i>New Orleans, Ia.</i>	42 Kirkland St.
Leshner, William,	<i>Lawrence,</i>	P. 31.
Lissner, Emanuel,	<i>Malden,</i>	M. 28.
Litchfield, Edward Hubert,	<i>Brooklyn, N. Y.</i>	Claverly 45.
Lloyd, David Demarest,	<i>New York, N. Y.</i>	H'ke 49.
Lovejoy, Joseph,	<i>Philadelphia, Pa.</i>	5 Linden St.
Lucht, Julius,	<i>Davenport, Ia.</i>	C. 22.
Luquer, Lynch,	<i>Washington, D. C.</i>	Hilton B.
McCall, Charles Nicholas,	<i>New York, N. Y.</i>	Felton 15.
McCall, John Chapman,	<i>New York, N. Y.</i>	Ware 1.
McDaniels, George Nelson,	<i>Cabot, Vt.</i>	44 Brattle St.
McDuffie, Charles Henry,	<i>Manchester, N. H.</i>	Ware 52.
McGurk, William John,	<i>No. Adams,</i>	46 Mt. Auburn St.
McKittrick, Ralph,	<i>St. Louis, Mo.</i>	Claverly 26.
MacKusick, Albert Rand,	<i>Cambridge,</i>	69 Concord Ave.
Macomber, Henry Percy,	<i>Brookline,</i>	T. 28. [town.
Macurdy, Leigh Theodore,	<i>Watertown,</i>	41 Fayette St., Water-
Macy, John Albert,	<i>Cambridge,</i>	415 Putnam Ave.
Mann, Clarence Churchill,	<i>Utica, N. Y.</i>	M. 45.
Marble, Allen,	<i>Worcester,</i>	C't 20.
Marden, Charles Francis,	<i>Melrose,</i>	H. 1.
Marple, Lucius Elliot,	<i>Wollaston,</i>	C. 35.
Marsh, Robert McCurdy,	<i>Paterson, N. J.</i>	Little's 8.
Marvin, Edmund Roberts,	<i>Albany, N. Y.</i>	Little's 3.
Mason, Mortimer Phillips,	<i>Boston,</i>	Beck 42.
Masten, George Leroy,	<i>Woonsocket, So. Dak.</i>	56 Plympton St.
Matteson, Brooks,	<i>Darien, N. Y.</i>	27 Everett St.
Meacham, William Banks, A.B.		
( <i>Miss. Coll.</i> ) 1895,	<i>Senatobia, Miss.</i>	14 Story St.
Mehlinger, Albert,	<i>Roxbury,</i>	3 Woodville St.,
Meriam, Welles,	<i>Salem,</i>	T. 68. [Roxbury.
Merrell, Stanley Wilson,	<i>Cincinnati, O.</i>	W. H. 2.
Merrick, Benjamin Paul,	<i>Holyoke,</i>	M. 1.
Merrill, Fullerton,	<i>Bangor, Me.</i>	W. H. 39.

Merrill, Raymond,	<i>Roxbury,</i>	C. 4.
Millard, William Harold,	<i>Waltham,</i>	57 Wadsworth Ave.,
Miller, Philip Lee,	<i>Springfield,</i>	P. 78. [Waltham.
Morris, Charles Hyndman,	<i>So. Boston,</i>	G. 26.
Morrison, Robert Hale,	<i>Canton,</i>	Felton 25.
Morse, Samuel Vining,	<i>Canton,</i>	M. 2.
Morse, William Gibbons,	<i>New York, N. Y.</i>	G. 27.
Murray, William Donaldson,	<i>Newport, R. I.</i>	16 Oxford St.
Newhall, Arthur Edward,	<i>Lynn,</i>	Craigie 201.
Nichols, John Taylor Gilman,	<i>Cambridge,</i>	H'ke 38.
Nickerson, Thomas,	<i>W. Newton,</i>	W. H. 50.
Nourse, Frederic Russell,	<i>Boston,</i>	26 Holyoke St.
Nowell, James,	<i>Winchester,</i>	H'ke 5.
Owen, Walter Reed Dale,	<i>New Harmony, Ind.</i>	Felton 21.
Pappenheimer, Alwin Max,	<i>New York, N. Y.</i>	M. 51.
Parsons, Ira Harrison,	<i>New York, N. Y.</i>	1208 Mass. Ave.
Parsons, Lewis Hines,	<i>Philadelphia, Pa.</i>	8 Prescott St.
Pastorius, Horace Evans,	<i>Newton,</i>	W. 14.
Patten, Conrad Magruder,	<i>Washington, D. C.</i>	W. H. 10.
Pearse, Langdon,	<i>Roxbury,</i>	W. H. 54.
Perkins, John Forbes,	<i>Milton,</i>	33 Bow St.
Perkins, Russell,	<i>Pomfret, Conn.</i>	Beck 35.
Peterson, Sidney,	<i>Jamaica Plain,</i>	G. 45.
Pierce, Walworth,	<i>Milton,</i>	W. H. 48.
Plumb, Fayette Rumsey, Jr.	<i>Radnor, Pa.</i>	Claverly 12.
Poland, George Morrison,	<i>Wakefield,</i>	T. 2.
Poore, Charles Prescott,	<i>Georgetown,</i>	Felton 28.
Quinby, William Carter,	<i>Worcester,</i>	Ware 33.
Ramsay, Robert Ewart,	<i>Fall River,</i>	S. 14.
Randall, Philip Green,	<i>Medford,</i>	M. 47.
Raymond, William Lee,	<i>Brookline,</i>	W. 18.
Reed, George Hale,	<i>Taunton,</i>	H'ke 42.
Remick, Eliot Wickham,	<i>Boston,</i>	1270 Mass. Ave.
Richardson, Frederic Leopold William,	<i>Brookline,</i>	78 Mt. Auburn St.
Richardson, Otis Weld,	<i>Boston,</i>	H'ke 16.
Rideout, Henry Milnor,	<i>Calais, Me.</i>	G. 20.
Robbins, Chandler,	<i>Boston,</i>	W. H. 17.
Robbins, Thomas Hinckley,	<i>Weston,</i>	W. H. 17.
Robbins, William Bradford,	<i>Weston,</i>	W. H. 17.
Robinson, Deen Lombard,	<i>Chassell, Mich.</i>	C't 45.
Roovers, Edgar Walter,	<i>Brooklyn, N. Y.</i>	W. 27.
Roper, Willet Crosby,	<i>Owego, N. Y.</i>	S. 6.
Rorer, James Birch,	<i>Philadelphia, Pa.</i>	G. 48.

Rousmanière, John Easton,	<i>Roxbury,</i>	M. 14.
Ruggles, Charles Almon,	<i>Redlands, Cal.</i>	C't 38.
Ruhl, Arthur Brown,	<i>Rockford, Ill.</i>	M. 34.
Russell, Fred Adams,	<i>Winchester,</i>	H'ke 5.
Sargent, George McClure,	<i>Boston,</i>	H'y 18.
Sayre, Hal, Jr.	<i>Denver, Colo.</i>	Little's 26.
Schlesinger, Barthold Ernest,	<i>Boston,</i>	26 Holyoke St.
Scudder, William Mansfield,	<i>Chicago, Ill.</i>	H'y 3.
Sears, Edmund Hamilton, 2d,	<i>Weston,</i>	W. H. 35.
Seasongood, Edwin Alfred,	<i>Cincinnati, O.</i>	M. 17.
Sessler, David, A.B. ( <i>Tulane Univ.</i> ) 1897,	<i>New Orleans, La.</i>	1671 Cambridge St.
Shaw, Hollis Hunnewell,	<i>Wellesley,</i>	Little's 3.
Shaw, Robert Gould, 3d,	<i>Wellesley,</i>	31 Bow St.
Sherburne, John Henry, Jr.	<i>Hingham,</i>	M. 11.
Sherman, William Anthony,	<i>Newport, R. I.</i>	C't 4.
Silberberg, Walter,	<i>Cincinnati, O.</i>	M. 15.
Simonds, Alvan Tracy,	<i>Fitchburg,</i>	Craigie 404.
Simpson, William Sloan,	<i>Dallas, Tex.</i>	Craigie 207.
Smerdon, Clarence James,	<i>Taunton,</i>	1727 Cambridge St.
Smith, Adelbert Julius,	<i>Omaha, Neb.</i>	Craigie 108.
Smith, Felix Koerner,	<i>Chicago, Ill.</i>	1256 Mass. Ave.
Smith, William David,	<i>Gardner,</i>	H'y 1.
Snite, Francis Joseph,	<i>Chicago, Ill.</i>	G. 25.
Spalding, Arthur Cushing,	<i>Lowell,</i>	M 57.
Spencer, Vivian,	<i>New York, N. Y.</i>	Read's 16.
Stanley, William Parsons,	<i>Gloucester,</i>	W. 39.
Stanwood, Eben Blaine,	<i>Boston,</i>	Shepherd 8.
Stearns, Harry Ney,	<i>Cambridge,</i>	44 Walker St.
Stearns, Marshall,	<i>Brookline,</i>	T. 28.
Stephens, Charles Henry,	<i>Cincinnati, O.</i>	W. H. 2.
Stobbs, George Russell,	<i>Webster,</i>	T. 17.
Stoddard, Francis Russell, Jr.	<i>Boston,</i>	W. 48.
Stout, Elmer William, s.B. ( <i>Earlham Coll.</i> ) 1896,	<i>Paoli, Ind.</i>	1750 Cambridge St.
Stowell, Henry Whitney,	<i>Waltham,</i>	W, 17.
Stratton, George Russell,	<i>Watertown,</i>	S. 32.
Strong, Harry Carter,	<i>Plainfield, Ind.</i>	27 Everett St.
Studley, James Butler,	<i>Rockland,</i>	P. 56.
Sullivan, Michael Xavier,	<i>Fall River,</i>	C. 3.
Sutro, Frederick Charles,	<i>New York, N. Y.</i>	W. H. 54.
Swift, Frederick Rotch,	<i>New Bedford,</i>	31 Bow St.
Talmadge, Henry, 2d,	<i>Netherwood, N. J.</i>	Claverly 14.

Taylor, Frederick Bourne,	<i>Brookline,</i>	H'ke 15.
Taylor, George Coffin, A.B. ( <i>So. Carolina Coll.</i> ) 1897,	<i>Columbia, S. C.</i>	G. 36.
Terhune, Everit Bogért,	<i>Dorchester,</i>	Felton 25.
Thayer, Farwell Edward,	<i>Cambridge,</i>	44 Garfield St.
Thompson, George Washington,	<i>New York, N. Y.</i>	Craigie 207.
Thompson, Henry Smith,	<i>Tacoma, O.</i>	T. 63.
Tiffany, George Shepley,	<i>St. Louis, Mo.</i>	Claverly 26.
Tilden, Frank Calvin, PH.B.		
( <i>DePauw Univ.</i> ) 1897,	<i>Greencastle, Ind.</i>	116 Dartmouth St.,
Tomlinson, Fenton,	<i>Portland, Me.</i>	M. 32. [Boston.]
Tucker, Philip Melancthon,	<i>Jamaica Plain,</i>	G. 30.
Turner, Frederic Alonzo, Jr.	<i>Boston,</i>	Hilton 29.
Tyler, Winsor Marrett,	<i>Lexington,</i>	M. 47.
Upton, Roger,	<i>Salem,</i>	W. H. 6.
Urquhart, Donald Fraser, Jr.	<i>Boston,</i>	W. H. 46.
Virgin, Edward Harmon,	<i>Dedham,</i>	T. 63.
Wakefield, Edwin Earle, Jr.	<i>Newtonville,</i>	Newtonville.
Ward, Artemas, Jr.	<i>New York, N. Y.</i>	C't 38.
Ware, Leonard Everett,	<i>Brookline,</i>	61 Brattle St.
Warner, Roger Sherman,	<i>Cambridge,</i>	Wadsworth 13.
Waterhouse, Everett Marshall,	<i>Cambridge,</i>	6 Hurlburt St.
Webster, Evans,	<i>Brooklyn, N. Y.</i>	T. 37.
Weis, Frederick Sussman,	<i>New Orleans, La.</i>	58 Mt. Auburn St.
Welsh, Julian Palmer,	<i>New York, N. Y.</i>	Claverly 28.
Wheeler, Carleton Ames,	<i>Cambridge,</i>	10 Ashton Pl.
Wheeler, Harrie Allen,	<i>Taunton,</i>	G. 23.
White, Frank Owen,	<i>Boston,</i>	M. 41.
White, Henry Preston.	<i>Brockton,</i>	H'ke 36.
Whitman, Malcolm Douglass,	<i>Brookline,</i>	Trinity 14.
Whitney, Howard Fletcher,	<i>Brooklyn, N. Y.</i>	C. 23.
Wiel, Samuel Charles,	<i>San Francisco, Cal.</i>	P. 66.
Williams, Harold, Jr.	<i>Boston,</i>	24 Holyoke St.
Williams, Horace Dudley Hall,	<i>Roxbury,</i>	H'y 19.
Wilson, Edwin Bidwell,	<i>Cambridge,</i>	16 Lee St.
Winch, William Porter,	<i>Brookline,</i>	H'ke 15.
Winsor, Walter Pellington, Jr.	<i>Fairhaven,</i>	W. 41.
Wise, Alvin Walter,	<i>Chicago, Ill.</i>	W. H. 28.
Wise, Everett Sidney,	<i>Chicago, Ill.</i>	W. H. 28.
Wolcott, Roger, Jr.	<i>Boston,</i>	Beck 42.
Wolf, Harry Felix,	<i>Buffalo, N. Y.</i>	1208 Mass. Ave.
Wonson, Samuel Lamson,	<i>Everett,</i>	M. 22. [Arlington.]
Wood, John Freeman,	<i>Arlington,</i>	364 Mass. Ave.,

Wyeth, Walter Francis,	<i>Cambridge,</i>	219 Brattle St.
Wyman, Frederick Wesley,	<i>Shirley Centre,</i>	C't 44.
Yerkes, Robert Mearns, A.B. ( <i>Ursinus Coll.</i> ) 1897,	<i>Grenoble, Pa.</i>	20 Howland St.

## SOPHOMORE CLASS.

Adams, Charles Lawrence,	<i>Pittsfield,</i>	T. 16.
Adams, Charles Quincy,	<i>Jamaica Plain,</i>	Hilton 10.
Adams, Edward Larrabee,	<i>Mt. Vernon, N. Y.</i>	M. 50.
Adsit, Nathaniel Brown,	<i>Buffalo, N. Y.</i>	Shepherd 6.
Aldred, Frederick William,	<i>Baltimore, Md.</i>	H'ke 48.
Alger, Frederick Moulton,	<i>Washington, D. C.</i>	Beck 1.
Allen, John Stone,	<i>Cambridge,</i>	2 Phillips Pl.
Anderson, Charles John,	<i>Quincy,</i>	8 Smith St., Quincy.
Angus, John, Jr.	<i>Chicago, Ill.</i>	40 Irving St.
Arensberg, Walter Conrad,	<i>Oakmont, Pa.</i>	C't 16.
Atherton, Percy Arad,	<i>Harvard,</i>	C. 4.
Bacon, Charles Fullerton,	<i>Brookline,</i>	T. 55.
Baker, Roy Ball,	<i>Auburndale,</i>	Claverly 46.
Bale, William Galliford,	<i>Asbury Park, N. J.</i>	S. 5.
Barber, Major William,	<i>Brooklyn, N. Y.</i>	C. 23.
Barnard, William Lambert,	<i>Hyannis Port,</i>	M. 52.
Barnefield, Ralph Tillinghast,	<i>Pawtucket, R. I.</i>	Craigie 105.
Barnes, William Lester,	<i>No. Attleboro,</i>	32 Wendell St.
Barney, James Dellinger,	<i>Roxbury,</i>	5 Linden St.
Barry, Phillips,	<i>Roxbury,</i>	33 Ball St., Roxbury.
Barstow, Ezra Baker,	<i>Boston,</i>	58 Mt. Auburn St.
Bartlett, Josiah Calef, Jr.	<i>Chicago, Ill.</i>	43 Irving St.
Bauer, Frederic Gilbert,	<i>Jamaica Plain,</i>	G. 3.
Beals, Frederick Hall,	<i>Mt. Vision, N. Y.</i>	7 Wendell St.
Beals, Lynn Staley,	<i>Mt. Vision, N. Y.</i>	7 Wendell St.
Beardsell, William Lee,	<i>Cambridge,</i>	19 Bellevue Ave.
Becker, Alfred Le Roy,	<i>Buffalo, N. Y.</i>	1727 Cambridge St.
Beeley, Leon Gage,	<i>Lawrence,</i>	2 Gorham St.
Bell, Bertrand Faugères,	<i>New York, N. Y.</i>	Manter 7.
Bell, Charles Herbert,	<i>Philadelphia, Pa.</i>	Ware 5.
Bellamy, William Woolsey,	<i>Dorchester,</i>	17 Bowdoin Ave.,
Benesch, Alfred Abraham,	<i>Cleveland, Ohio.</i>	C. 15. [Dorchester.
Bennett, Franklin Pierce, Jr.	<i>Saugus,</i>	C't 7.
Bigelow, Horatio,	<i>Cohasset,</i>	Claverly 33.
Bigelow, William De Ford,	<i>Cohasset,</i>	Claverly 33.
Billings, George William,	<i>Milford,</i>	W. 46.

Bisbee, Harold,	<i>Dorchester,</i>	75 Clarkson St.,
Bissell, Frederick Ezekiel,	<i>Dubuque, Ia.</i>	M. 8. [Dorchester.
Bliss, Robert Woods,	<i>New York, N. Y.</i>	H'y 23.
Boardman, Richard DeBlois,	<i>Beverly Farms,</i>	Claverly 30.
Bolles, Reginald Fairfax,	<i>Jamaica Plain,</i>	25 Holyoke St.
Bolling, Raynal Cawthorne,	<i>Philadelphia, Pa.</i>	H. 9.
Bond, Earl Danford,	<i>St. Paul, Minn.</i>	D. 23.
Boright, Sheldon Rutherford,	<i>Richford, Vi.</i>	15 Avon St.
Bouvé, George Winthrop,	<i>Brookline,</i>	27 Holyoke St.
Bowers, Henry Smith,	<i>Fitchburg,</i>	C. 40.
Bowker, Challis,	<i>Dorchester,</i>	12 Merlin St., Dorchester.
Bowler, George Pendleton,	<i>New York, N. Y.</i>	9 Bow St.
Boynton, Harry Cook,	<i>Plymouth,</i>	D. 36.
Breckinridge, Lloyd Tevis,	<i>San Francisco, Cal.</i>	Ware 11.
Brewster, Robert Boyes,	<i>Georgetown,</i>	W. H. 55.
Brooks, Bartlett,	<i>Orrington, Me.</i>	C. 66.
Brooks, Lyman Warren,	<i>Cambridgeport,</i>	21 Lee St.
Brown, Caspar Miffin,	<i>Worcester,</i>	Hilton 13.
Bufford, John Henry,	<i>Dorchester,</i>	10 Ashland St., Dorchester.
Burden, William Armstead Moale,	<i>New York, N. Y.</i>	Claverly 20.
Burlingame, Howard Benjamin,	<i>Cambridge,</i>	G. 15.
Burnham, Roger Noble,	<i>Boston,</i>	Little's 28.
Burrell, Percy Lawton,	<i>Rockland,</i>	10 Mellen St.
Butler, Charles Stewart,	<i>New York, N. Y.</i>	Ware 38.
Buxton, Frank William,	<i>Woonsocket, R. I.</i>	1716 Cambridge St.
Buxton, Walter Azro,	<i>Worcester,</i>	W. H. 12.
Byrd, Francis Otway,	<i>New York, N. Y.</i>	Dunster 17.
Cabot, John Higginson, 2d,	<i>Brookline,</i>	Manter 3.
Cabot, Norman Winslow,	<i>Brookline,</i>	27 Holyoke St.
Canterbury, Lewis Bodman,	<i>E. Weymouth,</i>	G. 7.
Carlton, Otis Johnson,	<i>Haverhill,</i>	Felton 55.
Carpenter, Dunbar Ferdinand,	<i>Colorado Springs, Colo.</i>	Little's 9.
Carter, Edward Clark,	<i>Andover,</i>	C. 8.
Castle, William Richards, Jr.	<i>Honolulu, H. I.</i>	52 Mt. Aurburn St.
Chadbourne, William Merriam,	<i>Los Angeles, Cal.</i>	12 Kirkland Pl.
Chandler, Alphonse Buckingham,	<i>Chicago, Ill.</i>	M. 3.
Chandler, Albert Minot,	<i>Cambridge,</i>	269 Harvard St.
Chapman, Louis Raymond,	<i>Fitchburg,</i>	Craigie 403.
Chase, Herbert Mann,	<i>Randolph,</i>	T. 47.
Chase, Philip Putnam,	<i>Lynn,</i>	W. H. 27.
Chessman, Frank Newhall,	<i>Helena, Mont.</i>	Little's 31.
Child, John Allan,	<i>Lakewood, N. J.</i>	19 Irving St.
Childs, Frederick Robbins,	<i>Great Neck, N. Y.</i>	Claverly 54.

Chisholm, Frederick George,	<i>Boston,</i>	T. 21.
Churchill, Marlborough,	<i>Andover,</i>	W. H. 27.
Clapp, Roger,	<i>Boston,</i>	M. 34.
Clark, Alfred Sinclair,	<i>Lynn,</i>	C't 37.
Clark, Francis Phillip,	<i>Manchester,</i>	Holyoke 17.
Clark, George Oliver,	<i>Boston,</i>	58 Mt. Auburn St.
Clark, Lyman Kenneth,	<i>Andover, N. H.</i>	C. 21.
Clement, George Edwards,	<i>Roxbury,</i>	T. 52.
Clough, Harry Gilman,	<i>Manchester, N. H.</i>	T. 62.
Clough, William Stocker,	<i>Lynn,</i>	Little's 19.
Cobb, Albert Adams, Jr.	<i>Lake Forest, Ill.</i>	M. 16.
Cohen, Bernhard,	<i>Pawtucket, R. I.</i>	Craigie 105.
Colburn, Harry Justin,	<i>Athol,</i>	C. 10.
Cole, John Felt,	<i>Somerville, 136 Perkins St., Somerville.</i>	
Collier, Forest Foster,	<i>Chelsea,</i>	W. 21.
Collins, Walter Leo,	<i>Dorchester,</i>	H. 26.
Cook, Edward,	<i>New York, N. Y.</i>	G. 19.
Costa, Joseph Foxe,	<i>Quincy,</i>	56 Plympton St.
Cox, Sterling Browne,	<i>New York, N. Y.</i>	Ware 42.
Crane, Russell Day,	<i>Cambridge,</i>	360 Havard St.
Crilly, Oliver Daniel,	<i>Chicago, Ill.</i>	G. 9.
Croly, Herbert David,	<i>Cambridge,</i>	13½ Hilliard St.
Curtis, Bridgham,	<i>New York, N. Y.</i>	Dunster 44.
Curtis, Charles Boyd, Jr.	<i>New York, N. Y.</i>	Shepherd 7.
Cutting, William Bayard, Jr.	<i>New York, N. Y.</i>	Claverly 23.
Dalton, Robert Osborne,	<i>Boston,</i>	Hilton 21.
Dana, Harold Ward,	<i>Boston,</i>	Claverly 31.
Dana, Richard Putnam,	<i>Chicago,</i>	1256 Mass. Ave.
Davenport, Henry Joralemon,	<i>Brooklyn, N. Y.</i>	H'ke 48.
Davis, Aaron,	<i>Nahant,</i>	7 Linden St.
Davis, Dwight Filley,	<i>St. Louis, Mo.</i>	Little's 2.
Davis, George Weston,	<i>Belmont,</i>	H. 29.
Davis, Minot,	<i>Biltmore, N. C.</i>	M. 30.
Dean, Arthur Lyman,	<i>Cambridge,</i>	16 Oxford St.
Doherty, Francis Webster,	<i>So. Boston, 396 Broadway, So. Boston.</i>	
Dolan, Fred Ralston Eugene,	<i>Cambridge,</i>	20 Porter Road.
Dolan, Harry Francis Roby,	<i>Cambridge,</i>	20 Porter Road.
Dow, Frederick Thompson,	<i>Woburn,</i>	W. 42.
Dowd, Francis Joseph,	<i>Lowell,</i>	22 Mt. Auburn St.
Drake, Durant Ford,	<i>Boston,</i>	T. 34.
Draper, Charles Dana,	<i>New York, N. Y.</i>	33 Bow St.
Drinkwater, Arthur,	<i>Andover,</i>	C't 15.
Dudley, Edward Lawrence,	<i>Camden, N. J.</i>	Beck 24.



Duffield, Graham,	<i>Detroit, Mich.</i>	56 Mt. Auburn St.
Dumaresq, Jordan,	<i>Chestnut Hill,</i>	Dunster 55.
Dunham, Wirth Stewart,	<i>Wayne, Ill.</i>	Ware 17.
Dunlap, Edward Addison,	<i>Greenville, W. Va.</i>	41 Church St.
Dunstan, James Samuel,	<i>Hancock, Mich.</i>	G. 8.
Durham, Charles Brackett,	<i>Rock Island, Ill.</i>	H'ke 44.
Earle, Raymond Bartlett,	<i>Newton,</i>	125 Galen St.,
Eaton, Frederick William,	<i>Concord,</i>	H'ke 43. [Newton.
Eaton, Lucien,	<i>St. Louis, Mo.</i>	W. H. 53.
Eaton, Theodore Hildreth,	<i>St. Louis, Mo.</i>	W. H. 53.
Eaton, Walter Prichard,	<i>Reading,</i>	W. 11.
Edmunds, William,	<i>Wellesley Hills,</i>	25 Holyoke St.
Edwards, Robert,	<i>Lancaster, N. Y.</i>	W. 46.
Egbert, Nathan Adams,	<i>Springfield,</i>	7 Linden St.
Euston, Edwin,	<i>St. Louis, Mo.</i>	Apley Court 23.
Evans, Charles Frederick Allen,	<i>So. Boston,</i>	827 Broadway, So.
Evans, Owen David,	<i>Youngstown, O.</i>	C. 21. [Boston.
Everts, William Paine,	<i>St. Paul, Minn.</i>	T. 36.
Ewer, Herbert Louis,	<i>Roxbury,</i>	T. 55.
Fabyan, Marshal,	<i>Boston,</i>	Beck 43.
Failing, Wilson Reuben,	<i>Fort Plain, N. Y.</i>	D. 39.
Fairlie, Andrew Miller,	<i>Jacksonville, Fla.</i>	C. 16. [Roxbury.
Fallon, George Patrick,	<i>Clinton,</i>	40 Highland Pk. St.,
Farrell, John Frederick,	<i>Somerville,</i>	8 Grand View Ave., Som-
Farrington, Derby,	<i>Lowell,</i>	Little's 9. [erville.
Fay, Addison Grant,	<i>Plymouth,</i>	1256 Mass. Ave.
Feder, Julius Caesar,	<i>Cincinnati, O.</i>	Prescott 2.
Fenwick, George Benson,	<i>Chelsea,</i>	T. 32.
Finney, Harry Warren,	<i>W. Medford,</i>	T. 49.
Fitch, Albert Parker,	<i>Roxbury,</i>	M. 50.
Fitzgerald, Charles Galt,	<i>Baltimore, Md.</i>	Ware 55.
Fitzgerald, Cornelius Gregory,	<i>Roxbury,</i>	501 Warren St., Roxbury.
FitzGerald, Harold,	<i>Brookline,</i>	Little's 30.
FitzGerald, Stephen Salisbury,	<i>Brookline,</i>	58 Mt. Auburn St.
FitzPatrick, John Edward,	<i>Concord,</i>	Box 151, Concord.
Flagg, Henry Whiting,	<i>Holliston,</i>	Little's 16.
Flanders, John,	<i>W. Topsham, Vt.</i>	22 Mt. Auburn St.
Forbes, Charles Stewart,	<i>Boston,</i>	69 Mt. Auburn St.
Forbes, Roger Sawyer,	<i>Taunton,</i>	H'ke 42.
Ford, Chester William,	<i>Rockland,</i>	1132 Mass. Ave.
Forman, Lawrence Carter,	<i>Buffalo, N. Y.</i>	Dunster 25.
Foss, Martin Moore,	<i>Newtonville,</i>	Trinity 3.
Foster, Edward Stratton,	<i>Cambridge,</i>	342 Harvard St.

Foster, Richard Wells,	Clinton,	61 Brattle St.
Fox, Henry Heywood,	Cambridge,	99 Irving St.
Frank, Jesse,	New York, N. Y.	H'ke 9.
Freiberg, Harry Abraham,	Cincinnati, O.	H'ke 18.
French, Harold Lindol,	Clinton,	61 Brattle St.
Friend, Arthur Sumner,	Milwaukee, Wis.	M. 12.
Frost, Donald McKay,	Charleston, S. C.	Craigie 502.
Fuller, Aphorhp Gould,	Brookline,	Manter 3.
Fuller, Arthur Negus,	Deerfield,	G. 52.
Fyshe, James Carlyle,	Montreal, P. Q.	T. 23.
Gale, Hoyt Stoddard,	Cleveland, O.	5 Concord Ave.
Gardner, Wesley Johnson,	Helena, Mont.	9 Story St.
Garland, Charles,	Concord,	Concord.
Garrison, Rhodes Anthony,	W. Newton,	P. 42.
George, Elijah Howard,	Roxbury,	W. H. 19.
Gilbert, Charles Ellery,	Cambridgeport,	5 Warland St.
Gill, Paul Stanley,	Cleveland, O.	P. 21.
Gilman, Arthur Scott,	Cambridge,	5 Waterhouse St.
Gilman, Charles Scato,	Waverly,	H. 29.
Gochenauer, Jacob Scott,	Big Mount, Pa.	C't 42.
Goddard, Samuel Pearson,	St. Louis, Mo.	M. 6.
Goodhue, Edward Eldredge.	Cambridge,	7 Buckingham Pl.
Goodrich, Charles Wilbur,	Somerville,	10 Gibbens St., Som-
Goodridge, Arthur Minot,	Cambridge,	G. 38. [erville.
Gore, James Bancroft,	Auburndale,	424 Broadway.
Gotthold, Arthur Frederick,	New York, N. Y.	W. 32.
Gould, Amasa Collins,	Waban,	T. 8.
Granger, Frank Butler,	Randolph,	53 Wendell St.
Gray, Edward, Jr.	Boston,	Shepherd 18.
Greene, Foster Regnier,	Fall River,	H'ke 24.
Grossman, August,	Cleveland, O.	C. 15.
Gulick, Frederic Carleton,	San Sebastian, Spain,	Trinity 17.
Gunn, William John,	Portland, Me.	H'ke 46.
Hall, Norman Fisher,	Cambridge,	7 Irving Terrace.
Halliday, John,	Cairo, Ill.	T. 3.
Hamilton, Theodore Ely,	Fredonia, N. Y.	43 Irving St.
Hammond, Ernest Harris,	Dover, Del.	40 Holyoke St.
Hammond, Frederick Lawrence,	St. Paul, Minn.	D. 34.
Harbeck, Charles John,	New York, N. Y.	7 Linden St.
Harris, Addis Emmet,	New York, N. Y.	Warland 13.
Harris, Duncan Gilbert,	New York, N. Y.	Warland 13.
Hart, Ferdinand Austin, Jr.	Hartford, Conn.	1208 Mass. Ave.
Harvey, Charles Woodroffe,	New York, N. Y.	48 Quincy St.

Hasbrouck, Alfred,	<i>Poughkeepsie, N. Y.</i>	W. H. 61.
Hatch, Roger Conant,	<i>Newton,</i>	M. 31.
Hathaway, John Winslow,	<i>Boston,</i>	119 Dartmouth St.,
Haughton, Richard,	<i>Bryn Mawr, Pa.</i>	M. 21. [Boston.
Hawes, John Bromham, 2d,	<i>Cambridge,</i>	P. 40.
Hawley, Truman Ripley,	<i>Malden,</i>	40 Newhall St., Malden.
Hayes, Bartlett Harding,	<i>Jamaica Plain,</i>	H'y 2.
Hayes, Carlyle Robinson,	<i>Boston,</i>	Ware 26.
Heath, Reginald Cary,	<i>Boston,</i>	35 Bow St.
Hebard, Clinton Sydney,	<i>Cambridgeport,</i>	147 Harvard St.
Heilman, William Clifford,	<i>Williamsport, Pa.</i>	W. H. 25.
Hennen, William Davison,	<i>Westchester, N. Y.</i>	C't 33.
Hersey, Charles Brooks,	<i>Chelsea,</i>	61 Oxford St.
Hess, William Charles,	<i>Everett,</i>	46 Linden St., Everett.
Higginson, Francis Lee, Jr.	<i>Boston,</i>	Claverly 20.
Hilliard, Edmund Bayfield,	<i>Jamaica Plain,</i>	C't 10.
Hilliard, Louis Everett,	<i>Lynn,</i>	P. 63.
Hills, Arthur Stedman,	<i>Boston,</i>	42 Kirkland St.
Hinchey, John Peter,	<i>Boston,</i>	99 Revere St.
Hirsch, Max,	<i>Cincinnati, O.</i>	M. 15. [Brookline.
Hirshberg, Herbert Simon,	<i>Brookline,</i>	1553 Beacon St.,
Hobbs, Conrad,	<i>Boston,</i>	35 Bow St.
Holbrook, Charles Albert,	<i>Melrose,</i>	C. 11.
Holden, Arthur Bates,	<i>Quincy,</i>	W. 2.
Holland, Rupert Sargent,	<i>Philadelphia, Pa.</i>	Little's 1.
Holliday, John Hodgman,	<i>St. Louis, Mo.</i>	Little's 2.
Hollis, Arthur Weston,	<i>Newton,</i>	P. 57.
Holmes, Jonathan Hiller,	<i>Elmira, N. Y.</i>	S. 18.
Holmes, Tyler Lee,	<i>Newtonville,</i>	M. 52.
Holsinger, Walter Herbert,	<i>Kendallville, Ind.</i>	1611 Mass. Ave.
Holt, William Leland,	<i>New York, N. Y.</i>	P. 40.
Hopkins, Franklin Gibson,	<i>Toledo, O.</i>	9 De Wolfe St.
Hosley, Walter Alexis,	<i>Springfield,</i>	M. 48.
Howes, Osborne, Jr.	<i>Brookline,</i>	24 Holyoke St.
Howland, Charles Allen, Jr.	<i>Quincy,</i>	W. 43.
Hoyting, George Jean,	<i>Waltham,</i>	H. 28.
Hubbard, Gardiner Greene, 2d,	<i>Cambridge,</i>	52 Mt. Auburn St.
Hubbard, Henry Reed,	<i>No. Cambridge,</i>	61 W. Bellevue Ave.
Hunt, Robert,	<i>New Orleans, La.</i>	Prescott 1.
Hunter, Dexter, Jr.,	<i>Albany, N. Y.</i>	W. H. 21.
Hunter, Herbert Colman,	<i>So. Natick,</i>	W. 54.
Hyman, Silas Isadore,	<i>New Orleans, La.</i>	56 Mt. Auburn St.
Ingraham, Edward,	<i>New Bedford,</i>	M. 29.

Jay, Augustus, Jr.	<i>New York, N. Y.</i>	Claverly 10.
Johnson, Herbert Ray,	<i>St. Louis, Mo.</i>	H'ke 35.
Johnson, Julius Munroe,	<i>Greenfield,</i>	10 Appian Way.
Johnston, John Charles Coolidge, A. B. ( <i>Boston Coll.</i> ) 1894,	<i>Boston,</i>	S. 22.
Jones, William,	<i>Sac and Fox Agency, O. T.</i>	S. 26.
Kahn, Isidore,	<i>Dallas, Tex.</i>	Trinity 9.
Kaufman, Benjamin,	<i>Louisville, Ky.</i>	C't 31.
Kent, James Dearborn, Jr.	<i>Wollaston,</i>	D. 31.
Kent, Ralph Revere,	<i>Concord, N. H.</i>	T. 45.
Kernan, John Devereux, Jr.	<i>New York, N. Y.</i>	Hilton 15.
Kidner, Frederic Clinton,	<i>Boston,</i>	M. 19.
Kingsbury, Homer Penfield Donaldson,	<i>New York, N. Y.</i>	W. 3.
Knowlton, Clarence Hinckley,	<i>Farmington, Me.</i>	1034 Mass. Ave.
Kullmer, Charles Julius,	<i>Great Falls, Mont.</i>	C. 46.
Kullmer, John Milton,	<i>Great Falls, Mont.</i>	C. 46.
Kutscher, Fay Edgerton,	<i>Gloversville, N. Y.</i>	421 Broadway.
Lambert, Walter Davis,	<i>New Brighton, N. Y.</i>	P. 42.
Lawton, James Marsland, Jr.	<i>Hudson, N. Y.</i>	44 Brattle St.
Ledyard, Lewis Cass, Jr.	<i>New York, N. Y.</i>	Claverly 25.
Lee, Joseph Howard,	<i>Boston,</i>	395 Boylston St., Boston.
Leiter, Horace Louis,	<i>Syracuse, N. Y.</i>	96 Prescott St.
Lewis, Samuel Watts,	<i>Brookline,</i>	Craigie 402.
Linenthal, Harry,	<i>Boston,</i>	D. 25.
Livermore, Robert,	<i>Jamaica Plain,</i>	24 Holyoke St.
Lloyd, Henry Demarest, Jr.	<i>Winnetka, Ill.</i>	H'ke 49.
Lodge, John Ellerton,	<i>Nahant,</i>	Prescott 16.
Loughlin, Edward Francis,	<i>Concord,</i>	Concord.
Lowery, Marklove,	<i>Utica, N. Y.</i>	5 Linden St.
Lynch, Wilbur Henry,	<i>Windsor, N. Y.</i>	H. 17.
McAllister, Ralph William,	<i>Manchester, N. H.</i>	C't 36.
McCauley, Arthur Valerius Au- gustus Bernard,	<i>Reading, Pa.</i>	7 Sumner St.
McCloskey, James Edward, Jr.	<i>Pittsburg, Pa.</i>	C't 18.
McCornick, Willis Sylvestre,	<i>Salt Lake City, Utah,</i>	Dunster 34.
McCurdy, Robert Morrill,	<i>Andover,</i>	C't 15.
MacFarland, Grenville Stanley,	<i>Cambridge,</i>	42 Bowdoin St.
McGawley, John Ernest,	<i>Cambridge,</i>	65 Winthrop St.
MacKaye, Emil Benton,	<i>Shirley,</i>	D. 35.
MacLeod, William Preston,	<i>Cambridge,</i>	Craigie 406.
McVey, John Rankin,	<i>Dorchester,</i>	H'y 6.
Mahoney, Robert Muhlig,	<i>Salem,</i>	W. 33.
Mallinckrodt, Edward, Jr.	<i>St. Louis, Mo.</i>	Claverly 38.

Marean, Henry Endicott,	Cambridge,	50 Winthrop St.
Marvin, George Dekkar,	New Rochelle, N. Y.	W. 6.
Marx, Jerome Leo,	Albany, N. Y.	1671 Cambridge St.
Mason, Robert Levi,	Worcester,	T. 4.
Mayo, Henry Rogers,	Lynn,	P. 50.
Melcher, Henry Knights,	Salem,	C. 41.
Mifflin, George Harrison, Jr.	Boston,	Claverly 9.
Miller, Percy Chase,	Philadelphia, Pa.	P. 65.
Miller, Royal Ransom,	Scottsville, N. Y.	M. 7.
Mooney, Frank Joseph,	Buffalo, N. Y.	Hilton 22.
Moore, Howard Burton,	Everett, Pa.	58 Hammond St.
Morison, George Abbot,	Cambridge,	M. 30.
Morison, Horace,	Roxbury,	W. H. 19.
Morrill, Charles Henry,	St. Louis, Mo.	S. 30.
Morrill, Francis Xavier,	Fitchburg,	1137 Mass. Ave.
Morrison, Frederic William,	Allston,	Trinity 10.
Morrison, James Francis,	Thompsonville, Conn.	C. 10.
Morrow, William,	Philadelphia, Pa.	S. 13.
Morse, Horace Henry,	Cambridge,	53 Wendell St.
Morse, Wilbur,	Philadelphia, Pa.	6 Story St.
Munson, Samuel Lyman, Jr.	Albany, N. Y.	H'ke 11.
Nelson, Louis,	Boston,	D. 25.
Nichols, George,	New York, N. Y.	G. 42.
Nichols, Humphrey Turner,	Boston,	Manter 6.
Nichols, Malcolm Edwin,	Cambridge,	14 Rutland St.
Nixdorff, Charles Edward,	St. Louis, Mo.	1664 Mass. Ave.
Oakman, Carl Shepard,	Cambridge,	T. 34.
O'Brien, Henry Everett,	New York, N. Y.	W. H. 49.
Odell, Allen Grant,	Poughkeepsie, N. Y.	C. 27.
Oliver, Everard Lawrence,	Boston,	Shepherd 15.
Oliver, Max William,	St. Louis, Mo.	H. 30.
Ordway, Thomas,	Dorchester,	1587 Mass. Ave.
Osborne, Frank Wellman,	Lynn,	H'ke 50.
Otis, Sidney,	Washington, D. C.	12 Mt. Auburn St.
Owen, Eugene Wilbur,	Melrose,	C. 11.
Palmer, Frederic, Jr.	Andover,	11 Quincy St.
Parchen, Henry George,	Helena, Mont.	Little's 31.
Parsons, Ralph Preston,	Gloucester,	305 Broadway.
Peckham, John Judah,	Geneva, Ill.	1256 Mass. Ave.
Peirce, Thomas Wentworth,	Topsfield,	Shepherd 14.
Perry, Edwin Elden,	Boston,	2 Lynde St., Boston.
Perry, Ray Potter,	Cleveland, O.	P. 23.
Phillipp, Philip Bernard,	New York, N. Y.	Little's 24.

Phillips, William,	<i>Boston,</i>	33 Bow St.
Phippen, Walter Gray,	<i>Salem,</i>	C't 37.
Pinkham, Hermon Spencer,	<i>Newton,</i>	249 Centre St., New-
Poor, Elwyn Waller,	<i>Morristown, N. J.</i>	W. 12. [ton.
Pope, Richard Emerson,	<i>Waltham,</i>	Ware 26.
Porter, William Francis,	<i>Lynn,</i>	T. 59.
Preston, Carleton Estey,	<i>Hyde Park,</i>	H. 25.
Pulitzer, Ralph,	<i>New York, N. Y.</i>	Dunster 42.
Rainbolt, Wynn Mack,	<i>Norfolk, Neb.</i>	T. 43.
Raynolds, John Madison,	<i>Los Vegas, New Mexico,</i>	H'ke 35.
Reed, Montgomery,	<i>Boston,</i>	12 Gloucester St., Boston.
Reed, Raymond Lionel,	<i>Natick,</i>	C. 66.
Richards, Albin Leal,	<i>Cambridge,</i>	22 Bigelow St.
Richards, James Austin,	<i>Andover,</i>	C. 8.
Roberts, Shirley Elmer,	<i>Randolph,</i>	9 Vincent St.
Robinson, Herbert Glover,	<i>Dorchester,</i>	M. 20.
Robinson, Nelson, Jr.	<i>New York, N. Y.</i>	Claverly 36.
Rock, Alfred Mayer,	<i>Philadelphia, Pa.</i>	Claverly 12.
Rockwell, Samuel Forbes,	<i>Pittsfield,</i>	T. 16.
Rothenberg, Henry Louis,	<i>Newtonville,</i>	379 Harvard St.
Royce, Christopher,	<i>Cambridge,</i>	103 Irving St.
Sachs, Ernest,	<i>New York, N. Y.</i>	P. 37.
Sachs, Paul Joseph,	<i>New York, N. Y.</i>	C't 40.
Saltonstall, John Lee,	<i>Boston,</i>	Claverly 53.
Sampson, Henry, Jr.	<i>New York, N. Y.</i>	Claverly 24.
Sanborn, Edward Emery,	<i>Boston,</i>	Ware 51.
Sanborn, John Pitts, Jr.	<i>Cambridge,</i>	391 Harvard St.
Sanderson, Ernest Jerome,	<i>Bridgewater,</i>	56 Plympton St.
Sanford, Hugh Wheeler,	<i>Knoxville, Tenn.</i>	61 Brattle St.
Sargeant, Cyrus, Jr.	<i>Plymouth, N. H.</i>	391 Harvard St.
Sargent, Andrew Robeson,	<i>Brookline,</i>	Claverly 47.
Sargent, Irving Wilder,	<i>Lawrence,</i>	1270 Mass. Ave.
Savage, Maxwell Sands,	<i>New York, N. Y.</i>	35½ Brattle St.
Schaefer, Richard Marshall,	<i>Marlow, Ala.</i>	30 Mt. Auburn St.
Schwill, Bruno William,	<i>Cincinnati, O.</i>	1750 Cambridge St.
Scott, Donald,	<i>Orange, N. J.</i>	Quincy 9.
Seasongood, Murray,	<i>Cincinnati, O.</i>	M. 17.
Seaver, Henry Latimer,	<i>Dorchester,</i>	43 Tremlett St., Dorchester.
Seaver, William Nathanael,	<i>Leicester,</i>	39 Dana St.
Shartenberg, Henry Meyer,	<i>Pawtucket, R. I.</i>	Craigie 105.
Shaw, Samuel Parkman, Jr.	<i>Lenox,</i>	8 Prescott St.
Shaw, Thomas Mott,	<i>Wellesley,</i>	Little's 13.
Shaw, Winfield Lowry,	<i>Portland, Me.</i>	P. 38.

Shay, Louis Berry,	<i>Morton, N. Y.</i>	T. 47.
Sherburne, Kenneth,	<i>Boston,</i>	Shepherd 17.
Simonds, Frank,	<i>Concord,</i>	C't 43.
Skillings, William Edward, Jr.	<i>Roxbury,</i>	W. H. 24.
Smith, Edwin Hammett,	<i>Chelsea,</i>	T. 32.
Smith, Frank Channing, Jr.	<i>Worcester,</i>	Felton 23.
Smith, Graham Owen,	<i>Buffalo, N. Y.</i>	1256 Mass. Ave.
Smith, Homer Brandel,	<i>Lancaster, N. H.</i>	W. H. 59.
Smith, Philip Sidney,	<i>Roxbury,</i>	Prescott 2.
Snow, Sydney Bruce,	<i>Winchester,</i>	M. 27.
Somers, Pierce Edwards,	<i>Portland, Me.</i>	1734 Cambridge St.
Southworth, Stacy Baxter,	<i>Quincy,</i>	W. 11.
Spalding, Eliot,	<i>Cambridge,</i>	35 Bow St.
Spencer, Willing Harrison,	<i>Philadelphia, Pa.</i>	9 Bow St.
Stanton, Horace Baxter,	<i>Washington, D. C.</i>	Ware 6.
Stearn, Louis,	<i>Cleveland, O.</i>	P. 52.
Steenstra, Frederick Henry,	<i>Cambridge,</i>	C. 31.
Stephenson, Harry Edward,	<i>Somerville,</i>	55 Dartmouth St., Somerville.
Stevens, Edmund,	<i>Cambridge,</i>	79 Raymond St.
Stevens, Frank Herbert,	<i>Wellesley,</i>	36 Bowdoin St.
Stickney, Henry Austin,	<i>New York, N. Y.</i>	Hilton 33.
Stickney, William,	<i>New York, N. Y.</i>	30 Holyoke St.
Stix, Ernest William,	<i>St. Louis, Mo.</i>	M. 12.
Stoddard, Alexander Elliot,	<i>Cohasset,</i>	W. 17.
Stover, Roy Walter,	<i>Marengo, Ia.</i>	W. 9.
Straw, William Parker,	<i>Manchester, N. H.</i>	Ware 52.
Swain, Chester Odiorne,	<i>Malden,</i>	M. 9.
Talbot, Fritz Bradley,	<i>Brookline,</i>	Craigie 402.
Tappin, Harold,	<i>New York, N. Y.</i>	7 Linden St.
Taylor, Charles Ralph,	<i>Arlington,</i>	19 Maple St., Arlington.
Taylor, William Joseph,	<i>Indianapolis, Ind.</i>	W. 40.
Tewksbury, Everett Belknap,	<i>Westborough,</i>	P. 82.
Thompson, Frank Adoniram, Jr.	<i>Malden,</i>	T. 11.
Thornhill, Ernest Algier,	<i>Normal, Ill.</i>	C. 50.
Tilton, Newell Whiting,	<i>Cambridge,</i>	50 Winthrop St.
Todd, Francis Creswick,	<i>Roxbury,</i>	C't 10.
Tower, Burt,	<i>So. Boston,</i>	791 4th St., So.
Tozzer, Alfred Marston,	<i>Lynn,</i>	P. 50. [Boston.
Trainer, John Newlin, Jr.	<i>Thurlow, Pa.</i>	Shepherd 6.
Ullmann, Leo,	<i>Springfield, Mo.</i>	W. 9.
Underwood, Charles Marshall, Jr.	<i>So. Dennis,</i>	C. 16.
Wadleigh, Herbert Addington,	<i>Boston,</i>	G. 16.
Waitt, Walter Gustavus,	<i>Boston,</i>	58 Dwight St., Boston.

Walter, George Weld,	<i>Brookline,</i>	Winthrop Road, Brookline.
Ward, Holcombe,	<i>So. Orange, N. J.</i>	Little's 19.
Warshaw, Jacob,	<i>Quincy,</i>	31½ Garfield St., Quincy.
Washburn, Arthur,	<i>Worcester,</i>	F. 7.
Watson, Theodore Sedgwick,	<i>Milton,</i>	Little's 10.
Wellington, Charles Frederic,	<i>Swansea,</i>	C't 7.
Wellington, Stanwood Gray,	<i>Roxbury,</i>	C't 10.
Wheeler, Edward Corydon, Jr.	<i>Dorchester,</i>	25 Holyoke St.
Wheeler, Ernest Edward,	<i>New York, N. Y.</i>	P. 58.
Whitbeck, Brainerd Hunt,	<i>Rochester, N. Y.</i>	35 Bow St.
White, James Platt,	<i>Buffalo, N. Y.</i>	Ware 20.
Whitmore, Frank Hayden,	<i>Gardiner, Me.</i>	T. 20.
Whitney, Travis Harvard,	<i>Girard, Kan.</i>	1039 Mass. Ave.
Whittemore, George Albin,	<i>Cambridge,</i>	7 Wendell St.
Wiggin, Henry Dwight, Jr.	<i>Medford,</i>	W. 52.
Wilder, George Harris,	<i>Madison, N. J.</i>	M. 48.
Willard, Norman Rand,	<i>Cambridge,</i>	2277 Mass. Ave.
Williams, Charles Edward,	<i>Windsor, Vt.</i>	S. 19.
Williams, Lewis Coney,	<i>Jamaica Plain,</i>	Shepherd 13.
Williams, Robert Winslow,	<i>Brookline,</i>	8 Prescott St.
Willson, Osborne Volney,	<i>Aurora, Ill.</i>	147 Mt. Auburn St.
Wilson, John,	<i>Bangor, Me.</i>	5 Linden St.
Wing, Henry Melvin,	<i>Charlestown,</i>	S. 12.
Wirt, Karl Funston,	<i>Bloomsburg, Pa.</i>	Little's 1.
Woodberry, Charles Dane,	<i>Beverly,</i>	Hilton 28.
Woodbury, Willard Porter,	<i>Beverly,</i>	P. 62.
Wright, Lawrence Worth,	<i>New York, N. Y.</i>	56 Plympton St.
Wyman, Louis Eliot,	<i>Lynn,</i>	P. 12.
Yeomans, Henry Aaron,	<i>Spokane, Wash.</i>	C. 28.

## FRESHMAN CLASS.

Adams, Huntington,	<i>New York, N. Y.</i>	W. 22.
Adler, Mortimer,	<i>Rochester, N. Y.</i>	H'ke 34.
Allen, Benjamin Franklin, 2d,	<i>Gloucester,</i>	305 Broadway.
Allen, Howard Louis,	<i>Fall River,</i>	P. 41.
Alley, Alden Gifford, Jr.	<i>Chelsea,</i>	114 Chestnut St.,
Ames, John,	<i>Boston,</i>	Beck 25. [Chelsea.
Anderson, Francis Baldwin,	<i>Cincinnati, O.</i>	Beck 47.
Anthony, Ralph,	<i>Taunton,</i>	1727 Cambridge St.
Appleton, William, Jr.	<i>Boston,</i>	Beck 34.
Arensberg, Charles Frederick Covert,	<i>Oakmont, Pa.</i>	C't 16.
Bailey, Alvin Freeman, Jr.	<i>Barre,</i>	D. 37.
Baker, Horace Forbes,	<i>Youngstown, O.</i>	40 Kirkland St.
Baker, Herbert Sumner,	<i>Chelsea,</i>	22A Garfield Ave., Chelsea.



Bamber, Samuel,	<i>Roxbury,</i>	8 Auburn St., Rox-
Bancroft, Frederick Winslow,	<i>Gardner,</i>	P. 32. [bury.]
Barker, Burrill Devereux,	<i>Salem,</i>	Dunster 51.
Barker, Robert McNaughton,	<i>Syracuse,</i>	H'y 15.
Barrett, Richard Rice,	<i>Concord,</i>	W. H. 47.
Bartlett, Matthew,	<i>Boston,</i>	Beck 32.
Batchelder, Nathaniel Horton,	<i>Salem,</i>	P. 29.
Batchelor, Chauncey Cushing,	<i>Cambridge,</i>	Elmwood St.
Bayley, James Cushing,	<i>Boston,</i>	Ware 18.
Beach, Sylvester Judd,	<i>Bangor, Me.</i>	M. 55.
Beal, Henry Foster,	<i>Waltham,</i>	62 Dale St., Wal-
Beals, Sidney Lane,	<i>Boston,</i>	H'ke 29. [tham.]
Bell, Conrad,	<i>Cambridge,</i>	164 Brattle St.
Bell, Gibson,	<i>Cambridge,</i>	164 Brattle St.
Bergen, Thomas Dickerson,	<i>Cambridge,</i>	47 Raymond St.
Bernstein, Milton Louis,	<i>Boston,</i>	Quincy 8.
Bigelow, Henry Bryant,	<i>Cohasset,</i>	Beck 44.
Billings, Oscar Wadsworth,	<i>Georgetown</i>	37 Kingston St., W. Somer-
Bishop, Richard,	<i>Brookline,</i>	Read's 20. [ville.]
Blake, Benjamin Sewall,	<i>Weston,</i>	Ware 37.
Blake, Gerald,	<i>Boston,</i>	H. 13.
Blythe, Hugh,	<i>Burlington, Ia.</i>	28 Holyoke St.
Bock, Charles,	<i>Buffalo, N. Y.</i>	1734 Cambridge St.
Bonelli, Louis Henry, Jr.	<i>Boston,</i>	113 Falmouth St.,
Borland, Bruce,	<i>Chicago, Ill.</i>	Beck 2. [Boston.]
Borland, Chauncey Blair,	<i>Chicago, Ill.</i>	Beck 2.
Boss, Benjamin,	<i>Albany, N. Y.</i>	C't 12.
Bosworth, Thomas Johnson,	<i>Salem,</i>	C. 41.
Bowker, Edwin Leonard,	<i>Somerville,</i>	2 Hillside Ave., Somerville.
Bowker, Harrison Winthrop,	<i>Worcester,</i>	W. H. 12.
Boyden, Charles,	<i>Boston,</i>	5 Linden St.
Brackett, John Gaylord,	<i>Arlington,</i>	16 Mellen St.
Brainerd, George Gillum,	<i>Portland, Conn.</i>	C't 28.
Branch, Oliver Winslow,	<i>Manchester, N. H.</i>	C't 36.
Brayton, Corey Catlin,	<i>Colorado Springs, Colo.</i>	65 Hammond St.
Brewer, James,	<i>Birmingham, England,</i>	Ware 6.
Brewer, Robert Edward,	<i>Boston,</i>	78 Mt. Auburn St.
Brigham, Henry Randolph,	<i>Jamaica Plain,</i>	44 Brattle St.
Brooks, Harold Maxwell,	<i>Arlington,</i>	29 Mill St., Arling-
Brown, Davenport,	<i>Roxbury,</i>	Read's 18. [ton.]
Brownell, Bryant Macomber,	<i>New Bedford,</i>	C't 3. [Roxbury.]
Bruns, Walter George,	<i>Roxbury,</i>	36 Codman Park,
Bullard, Fisher Tenney,	<i>Brookline,</i>	Read's 32.

Bullard, Lawrence,	<i>Roxbury,</i>	Read's 18.
Burgess, William Starling,	<i>Brookline,</i>	Prescott 5.
Burke, James Walter,	<i>Boston,</i>	44 Hillside St., Bos-
Burnes, Kennett Farrar,	<i>St. Joseph, Mo.</i>	Dunster 40. [ton.
Burton, LeGrand Sterling, Jr.	<i>Chicago, Ill.</i>	C't 48.
Burton, Roger Ogden,	<i>Brookline,</i>	Craigie 405.
Burt, William Henry,	<i>Andover,</i>	C. 50. [Dorchester.
Bush, Stephen Hayes,	<i>Dorchester,</i>	32 Melville Ave.,
Camprubi, Jose Aymar,	<i>W. Brighton, S. I.</i>	H. 32.
Canterbury, George Wood,	<i>Hingham,</i>	Winthrop 26.
Catchings, Waddill,	<i>Louisville, Ky.</i>	7 Wendell St.
Chamberlin, Harrie Rogers,	<i>Dorchester,</i>	17 Harley St., Dorchester.
Chandler, Langdon Wild,	<i>Auburndale,</i>	Auburndale.
Channing, Walter, Jr.	<i>Brookline,</i>	Manter 5.
Cheney, Royden Winthrop,	<i>Manchester, N. H.</i>	C't 9. [Boston.
Chipman, Joseph Storey,	<i>Boston,</i>	81 Moreland St.,
Clark, Charles Motley,	<i>Philadelphia, Pa.</i>	Apley Court 22.
Clark, George Crawford, Jr.	<i>New York, N. Y.</i>	Craigie 206.
Clerk, William Graham,	<i>Roxbury,</i>	H'ke 20.
Cochrane, James Sullivan,	<i>Boston,</i>	Claverly 8.
Cole, Charles Luke,	<i>Morristown, N. J.</i>	G. 1.
Cole, Louis DePelgrom,	<i>Boston,</i>	W. 13. [ville.
Conway, Harry Augustus,	<i>Somerville,</i>	37 Flint St., Somer-
Cooley, James Calvin,	<i>Westchester, N. Y.</i>	56 Mt. Auburn St.
Coolidge, Edward Erwin,	<i>Natick,</i>	12 Kirkland Pl.
Cooper, Albert Williams,	<i>Roxbury,</i>	H'ke 20.
Corbin, Arthur Eckfeldt,	<i>Philadelphia, Pa.</i>	1270 Mass. Ave.
Coyle, Philip Edward,	<i>Portland, Me.</i>	C't 8.
Cram, Wingate Franklin,	<i>Bangor, Me.</i>	Dunster 18.
Crocker, Courtenay,	<i>Boston,</i>	Little's 25.
Cropley, Walter Lyle,	<i>Boston,</i>	96 Prescott St.
Crosby, Arthur Payne,	<i>Cambridge,</i>	44A Concord Ave.
Crosby, Sumner,	<i>Brookline,</i>	Prescott 14.
Cunningham, Stanley, Jr.	<i>Brookline,</i>	44 Brattle St.
Custis, Parke Hansell,	<i>Philadelphia, Pa.</i>	M. 13.
Custis, Vanderveer,	<i>Philadelphia, Pa.</i>	M. 13.
Cutter, Irving Taylor,	<i>Brookline,</i>	Ware 13.
Daly, Charles Dudley,	<i>Boston,</i>	561 Mass. Ave.
Daly, David,	<i>Boston,</i>	Trinity 1.
Dana, Richard Henry, Jr.	<i>Cambridge,</i>	M. 5.
Danker, Frederick Harrison,	<i>Malden,</i>	52 Eastern Ave., Malden.
Dauner, Fred Everett,	<i>Grayville, Ill.</i>	Felton 31.
Davenport, Sumner Godfrey,	<i>So. Framingham,</i>	1691 Cambridge St.

Davis, John Boynton,	<i>Newtonville,</i>	40 Kirkland St.
Davis, Nelson Rowberry,	<i>Bemis,</i>	24 Bridge St., Bemis
Davis, William Stearns,	<i>Pittsfield,</i>	T. 36.
Dean, Paul Dudley,	<i>Boston,</i>	51 Parker St.,
Dewey, Percy,	<i>Newton,</i>	M. 18. [Boston.]
Dexter, Richard,	<i>Boston,</i>	28 Holyoke St.
Dibble, Rufus Welles,	<i>No. Adams,</i>	M. 26.
Dickerman, Emerson Loren,	<i>Oswego, N. Y.</i>	16 Oxford St.
Dill, Martin Bassett,	<i>Dorchester,</i>	16 Mt. Vernon St., Dorchester.
Dimick, Chester Edward,	<i>Manchester, N. H.</i>	C't 9.
Douglass, Eugene Hale,	<i>Boston,</i>	81 Montgomery St., Boston.
Downing, Andrew Francis,	<i>Cambridge,</i>	15 Sparks St.
Doyle, George Bevan,	<i>Cambridge,</i>	6 Linden St.
Drury, Samuel Smith,	<i>Boston,</i>	22 Huntington Ave.,
DuBois, Floy Reading,	<i>New York, N. Y.</i>	W. 35. [Boston.]
Dudley, William Mayo,	<i>New York, N. Y.</i>	Ware 39.
Duffin, Simon Edward,	<i>Boston,</i>	23 Linden St., Boston.
Durgin, Edmund Horace,	<i>Boston,</i>	H. 16.
Dutch, Charles Fred,	<i>Winchester,</i>	D. 18.
Dyer, Rowland Sears Howes,	<i>Marlborough,</i>	58 Hammond St.
Eastman, George Herbert,	<i>Dorchester,</i>	60 Ocean St., Dorchester.
Eastman, Theodore Jewett,	<i>So. Berwick, Me.</i>	28 Holyoke St.
Ellis, Bradford Hale,	<i>Helena, Mont.</i>	H'ke 47.
Ellison, Carlton Lincoln,	<i>Newton,</i>	P. 83.
Ells, Ray Pritchard,	<i>Roxbury,</i>	Trinity 1.
Endicott, Francis Munroe,	<i>Tuzedo Park, N. Y.</i>	Manter 5.
England, Albert Charles,	<i>Pittsfield,</i>	P. 45.
Eustis, Augustus Hemenway,	<i>Readville,</i>	Prescott 3.
Eustis, Frederic Augustus,	<i>Readville,</i>	Prescott 3.
Ewart, Talbot,	<i>New York, N. Y.</i>	Ware 13.
Fairchild, Nelson,	<i>Boston,</i>	78 Mt. Auburn St.
Falker, Jesse Elsner,	<i>Syracuse, N. Y.</i>	Ware 47.
Fay, Edward Robert,	<i>Danbury, Conn.</i>	22 Prescott St.
Feiss, Richard Albert,	<i>Cleveland, O.</i>	P. 67.
Ficke, Theodore Henry,	<i>Cambridge,</i>	59 Museum St.
Fincke, Reginald,	<i>Utica, N. Y.</i>	Claverly 4.
Fiske, Augustus Henry,	<i>Weston,</i>	Little's 25.
Fiske, Herbert Huxley,	<i>Cambridge,</i>	Hilton 8.
Fitch, Conover,	<i>Boston,</i>	M. 31.
Fitz, John Chapman Hiller,	<i>Lynn,</i>	P. 39.
Fitzpatrick, Frank Gleason,	<i>W. Newton,</i>	40 Kirkland St.
Fleming, George Elliott,	<i>Shelbyville, Ind.</i>	W. 4.
Flint, Roger,	<i>Cambridge,</i>	8 Chauncy St.

Flower, Harold Hastings,	<i>Ashfield,</i>	54 Garden St.
Fobes, Hiram Nye,	<i>Worcester,</i>	Felton 22.
Follansbee, Alanson,	<i>Chicago, Ill.</i>	Manter 1.
Forbes, James Grant,	<i>Boston,</i>	56 Plympton St.
Force, Horton Caumont,	<i>State Soldier's Home, O.</i>	Shepherd 19.
Foster, Albert Volney,	<i>Evanston, Ill.</i>	M. 10.
Foster, William Trufant,	<i>Roslindale,</i>	C. 69. [Boston.
Fotch, Arthur John,	<i>So. Boston,</i>	900 Broadway, So.
Freedman, Louis Mark,	<i>Chelsea,</i>	71 Putnam Ave.
Freeman, James Voorhees, Jr.	<i>Woodbridge, N. J.</i>	G. 49.
Freiman, Mitchell,	<i>Boston,</i>	41 E. Cottage St.,
French, Harold Waldo,	<i>Jamaica Plain,</i>	W. 28. [Boston.
Freund, Sanford Henry Eisner,	<i>New York, N. Y.</i>	C. 12.
Frost, Robert Lee,	<i>Boston,</i>	16 Rutland St.,
Frost, Walter Archer,	<i>Merriden, Conn.</i>	C. 59. [Boston.
Gerrish, Thornton,	<i>Brooklyn, N. Y.</i>	W. 22.
Giddings, Harold Girard,	<i>Gardner, Me.</i>	S. 31.
Glidden, John Montfichet, Jr.	<i>Newcastle, Me.</i>	56 Mt. Auburn St.
Goldman, Marcus Isaac,	<i>New York, N. Y.</i>	P. 79.
Goodenow, Robert,	<i>Dorchester,</i>	Craigie 208.
Goodwin, Robert Eliot,	<i>Cambridge,</i>	H'ke 43.
Grant, Ralph Hallam,	<i>Ipswich,</i>	1034 Mass. Ave.
Gray, Ernest Amlin,	<i>Woonsocket, R. I.</i>	104 Avon Hill St.
Gray, George Frederick,	<i>Dover, N. H.</i>	1716 Cambridge St.
Gray, Ralph Weld,	<i>Boston,</i>	Craigie 506.
Gray, Thomas Herbert, Jr.	<i>Jamaica Plain,</i>	T. 33.
Graydon, John Alexander,	<i>Cincinnati, O.</i>	Trinity 5.
Greeley, Russell Hubbard,	<i>Boston,</i>	Apley Court 52.
Greene, Ernest Roy,	<i>Newton,</i>	40 Bridge St., Newton.
Greene, Roger Sherman,	<i>Arlington,</i>	26 Addison St., Arlington.
Greene, Warwick,	<i>New York, N. Y.</i>	Craigie 103.
Greenwood, Elmer Emsley,	<i>Worcester,</i>	45 Trowbridge St.
Guild, Joseph, Jr.	<i>Dedham,</i>	T. 30.
Guiler, Henry Anderson,	<i>So. Boston,</i>	942 E. Broadway, So.
Hackett, Howard,	<i>Newtonville,</i>	P. 76. [Boston.
Hall, Lewis Whiton,	<i>Marshfield,</i>	H'ke 23.
Hall, Martin Thomas.	<i>Natick,</i>	16 Howland St.
Hall, Pliny Sterling,	<i>Canajohaire, N. Y.</i>	C't 29.
Hallowell, John White,	<i>W. Medford,</i>	Claverly 43.
Hammond, Frank Oglevee,	<i>New Athens, O.</i>	10 Appian Way.
Harding, Willard Gould,	<i>Newton,</i>	37 Jewett St., New-
Hardon, Cleveland,	<i>Jamaica Plain,</i>	H'y 19. [ton.
Hardy, Roger Sumner,	<i>Boston,</i>	Shepherd 4.

Harper, Richard March Hoe,	<i>Lawrence, N. Y.</i>	Claverly 4.
Haskell, Clarence Greenleaf,	<i>Auburndale,</i>	H'ke 31.
Havey, John Frederic,	<i>So. Boston,</i>	Trinity 1.
Hawkins, Henry Clay, Jr.	<i>Fall River,</i>	W. 19.
Hawkins, Percy Evarts,	<i>Taunton,</i>	25 Holyoke St.
Hayes, Henry Reed,	<i>Jamaica Plain,</i>	Craigie.
Hayward, Laurence,	<i>Marlborough,</i>	D. 17.
Heard, Edmund,	<i>Boston,</i>	35 Bow St.
Hearn, Walter Lawrence,	<i>Lynn,</i>	1709 Cambridge St.
Heilborn, Walter Stern,	<i>Boston,</i>	167 Mass. Ave.,
Heilprin, William Albert,	<i>Washington, D. C.</i>	C't 11. [Boston.
Henderson, Charles Rapallo, Jr.	<i>New York, N. Y.</i>	Apley Court 32.
Henderson, Harry Peters,	<i>Salem,</i>	P. 72.
Henney, James Barclay, Jr.	<i>Hartford, Conn.</i>	Hilton 38.
Herbert, Carl Guy,	<i>Somerville,</i>	65 Oxford St.
Hill, Charles Edwin,	<i>Worcester,</i>	H'ke 26.
Hill, William,	<i>Cambridge,</i>	42 Sacramento St.
Hillen, Thomas O'Donnell,	<i>Baltimore,</i>	Apley Court 33.
Hinkley, Thomas Thayer,	<i>Cambridge,</i>	6 Riedesel Ave.
Hirsch, David Charles,	<i>Kansas City, Mo.</i>	G. 37.
Hollings, Charles Byam,	<i>Cambridge,</i>	2 Hancock Park.
Horton, Lydiard Heneage Walter,	<i>Yonkers, N. Y.</i>	17 Dunster St.
Hosmer, George Miller,	<i>Somerville,</i>	13 Arlington St.,
Hosmer, Jerome Carter,	<i>Gloversville, N. Y.</i>	P. 11. [Somerville
Howard, Amasa Hawthorne,	<i>Chelmsford,</i>	C. 9.
Howard, Edward Whiting,	<i>San Francisco, Cal.</i>	Little's 30.
Howard, Harold Shafter,	<i>San Francisco, Cal.</i>	52 Mt. Auburn St.
Howe, George Plummer,	<i>Haverhill,</i>	Little's 32.
Howe, Henry Franklin,	<i>Gardner,</i>	P. 32.
Hoxie, Isaac Richmond,	<i>Roxbury,</i>	T. 52.
Hoye, Harry Wallace,	<i>Dover, N. H.</i>	1716 Cambridge St.
Humphrey, Lewis Daniel,	<i>Cambridge,</i>	23 Maple Ave.
Hunnell, James Melville,	<i>Boston,</i>	Apley Court 53.
Hunnell, Walter, Jr.	<i>Wellesley,</i>	Craigie 104.
Hurlburt, Henry Francis, Jr.	<i>Lynn,</i>	W. H. 37.
Hyde, Henry Stanley,	<i>Cambridge,</i>	32 Mellen St.
Ives, Frederick Manley,	<i>Salem,</i>	P. 72. [Roslindale.
Jackson, Lawrence Stelzner,	<i>New York, N. Y.</i>	938 South St.,
James, Edwin Warley,	<i>Sing Sing, N. Y.</i>	12 Rutland St.
Jaquith, Carl Wilbur,	<i>Woburn,</i>	F. 8.
Jenkins, John Lindsay Webster,	<i>Jamaica Plain,</i>	61 Brattle St.
Jennings, John Francis,	<i>Springfield,</i>	C. 43.
Johnson, Edward,	<i>Woburn,</i>	W. 42.

Jones, Edward Powis, Jr.	<i>New York, N. Y.</i>	C't 34.
Jones, Hugh McKittrick,	<i>St. Louis, Mo.</i>	Ware 10.
Keene, Henry William,	<i>Lynn,</i>	T. 26.
Keith, John Alexander Hull,	<i>Walshville, Ill.</i>	C. 50.
Kelley, Charles Samson, Jr.	<i>New Bedford,</i>	T. 46.
Kendall, Isaac Wistar,	<i>New York, N. Y.</i>	Craigie 103.
Keyes, Henry Francis,	<i>Jamaica Plain,</i>	12 Oxford St.
King, Van Rensselaer Choate,	<i>Newport, R. I.</i>	68 Mt. Auburn St.
Kingan, Robert William James,	<i>New York, N. Y.</i>	Claverly 1.
Kintner, Albertus H,	<i>Stroudsburg, Pa.</i>	286 Huron Ave.
Kirtiand, Harry Bevier,	<i>Plymouth, O.</i>	Winthrop 26.
Knapp, Bliss,	<i>Boston,</i>	4 Batavia St., Boston.
Kneeland, Frank Jonathan,	<i>Roxbury,</i>	29 Wyoming St., Roxbury.
Kornhauser, Samuel Jacob,	<i>Cleveland, O.</i>	C. 32.
LaFarge, John, Jr.	<i>Newport, R. I.</i>	16 Oxford St.
Landry, Aubrey Edward,	<i>Memramcook, N. B.</i>	485 3d St., So.
Lane, Frederic Ware,	<i>Newton,</i>	P. 59. [Boston.
Lansdale, Philip Moylan,	<i>Cambridge,</i>	6 Everett St.
Laundrigan, John,	<i>Boston,</i>	445 Shawmut Ave., Boston.
Laverack, William Harold,	<i>Buffalo, N. Y.</i>	37 Bow St.
Lawrence, George Campbell,	<i>Evanston, Ill.</i>	P. 51.
Lawrence, James, Jr.	<i>Groton,</i>	Claverly 41.
Lawrence, John Silsbee,	<i>Boston,</i>	Claverly 27.
Lawrence, William Richards,	<i>Stockbridge,</i>	30 Holyoke St.
Lawton, Harold,	<i>Lowell,</i>	224 Beacon St.,
Leavell, Robert Hayne,	<i>Houston, Texas,</i>	S. 31. [Lowell.
Lee, Robert Emmons,	<i>Boston,</i>	W. 47.
Lehman, Albert Carl,	<i>Allegheny, Pa.</i>	379 Harvard St.
Lehman, Frank Hollinger,	<i>Lebanon, Pa.</i>	58 Hammond St.
Lewis, Charles Arthur Raymond,	<i>Cambridge,</i>	36 Highland Ave.
Lewis, Frederic Percyval,	<i>Woburn,</i>	F. 6.
Lincoln, Arthur Williston,	<i>Dorchester,</i>	Trinity 1.
Little, Theodore Walworth,	<i>Brookline,</i>	Read's 28.
Livermore, Harris,	<i>Jamaica Plain,</i>	78 Mt. Auburn St.
Locke, Charles Warren,	<i>Cambridge,</i>	7 Francis Ave.
Locke, John Richards,	<i>Portland,</i>	9 Linden St.
Loud, Edward Perry,	<i>Brooklyn, N. Y.</i>	C. 55.
Love, James Madison,	<i>Chicago, Ill.</i>	58 Mt. Auburn St.
Lovejoy, Frederick Warren, Jr.	<i>Brooklyn, N. Y.</i>	C. 65.
Lyman, Henry,	<i>Brookline,</i>	Beck 32.
Lyon, Walter Hastings,	<i>Ludlow Center,</i>	C. 43. [Somerville.
McAdams, John Joseph,	<i>Somerville,</i>	100 JennyLindAve.,
McCarthy, Maurice Lawrence.	<i>Haverhill,</i>	12 Bow St.

McConnell, George Malcolm,	<i>Chicago, Ill.</i>	C't 35.
MacDonald, Charles Ambrose,	<i>Fall River,</i>	H. 26.
McFadon, John William,	<i>Chicago, Ill.</i>	M. 54.
McIntyre, Peter Arthur,	<i>Milton,</i>	16 Oxford St.
Mack, John Patrick,	<i>Dorchester,</i>	71 Harvard St., Dorchester.
MacKay, Robert Mears,	<i>Chicago, Ill.</i>	60 Mt. Auburn St.
Mandell, Ralph Martin,	<i>Newton,</i>	17 Washington St., New-
Mangan, John Clarence,	<i>Northampton,</i>	10 Ashton Pl. [ton.
Marshall, Chauncey, Jr.	<i>Brooklyn, N. Y.</i>	Ware 9.
Mason, Harold Weston,	<i>Cambridge,</i>	H. 25.
Mead, Gilbert Winder,	<i>New York, N. Y.</i>	Craigie 208.
Mendelsohn, Louis,	<i>Boston,</i>	183 Chambers St.,
Merriam, Arthur Ware,	<i>Milton,</i>	Prescott 5. [Boston.
Merrill, Francis Hiram, Jr.	<i>Melrose,</i>	C. 26.
Michelson, Truman,	<i>New York, N. Y.</i>	H'ke 26.
Miller, John Charles,	<i>New Orleans, La.</i>	P. 47.
Miller, James Rumrill,	<i>Springfield,</i>	P. 78.
Miller, Malcolm Dean,	<i>Cambridge,</i>	148 Hancock St.
Milliken, Charles Alfred,	<i>New Bedford,</i>	T. 46.
Milne, George Parker,	<i>Orange, N. J.</i>	378 Harvard St.
Minard, Archie Ellsworth,	<i>Dorchester,</i>	84 Erie St., Dor-
Moore, Charles Whippo,	<i>St. Louis, Mo.</i>	Ware 14. [chester.
Moore, William Alexander,	<i>Cambridge,</i>	1699 Cambridge St.
Morrill, Gordon Niles,	<i>Boston,</i>	27 Holyoke St.
Morris, William Smith,	<i>Salem,</i>	30 Parker St.
Morse, Erving Plumer,	<i>Medford,</i>	T. 49.
Morse, George Stanley,	<i>Melrose,</i>	32 Myrtle St., Melrose.
Murdock, Harris Hunnewell,	<i>Cambridge,</i>	130 Putnam Ave.
Murphy, Daniel James,	<i>Lawrence,</i>	C. 30.
Nagle, William Joseph,	<i>Cambridge,</i>	33 Carver St.
Newhall, Harvey Field,	<i>Lynn,</i>	T. 60.
Nichols, Cortlandt Tourtellotte,	<i>Somerville,</i>	26 Loring St.,
Nichols, Chester Wellington,	<i>Dorchester,</i>	P. 55. [Somerville.
Nickerson, Albert Lindsay,	<i>Dedham,</i>	60 Mt. Auburn St.
Nicoll, Leonard Francis,	<i>New York, N. Y.</i>	Warland 11.
Nieman, Chauncy Wells,	<i>Schuyler, Neb.</i>	H'ke 21.
Norris, Walter Blake,	<i>Hyde Park,</i>	122 Oxford St.
Norton, Huntington,	<i>Cazenovia, N. Y.</i>	Apley Court 34.
Nourse, Benjamin Franklin,	<i>Lowell,</i>	H'ke 22.
O'Donnell, John Joseph, Jr.	<i>Boston,</i>	129 Myrtle St., Boston.
O'Gorman, Joseph Aloysius,	<i>Roxbury,</i>	17 Hartford St., Roxbury.
O'Leary, Harold William,	<i>Somerville,</i>	47 Vinal Ave.,
Palmer, Charles Benjamin,	<i>Little Falls, N. Y.</i>	C't 12. [Somerville.

Palmer, Henry Webster,	<i>Wilkes Barre, Pa.</i>	P. 61.
Parker, Howard,	<i>Cambridge,</i>	18 Plympton St.
Parton, Hugo,	<i>Newburyport,</i>	25 Holyoke St.
Pease, Theodore Normand,	<i>Boston,</i>	16 Mt. Vernon St.,
Peckham, Thomas Proctor,	<i>Utica, N. Y.</i>	H'ke 8. [Boston.
Peirce, John Gilbert,	<i>Brookline,</i>	Ware 21.
Perry, Henry Pierrepont,	<i>New York, N. Y.</i>	Claverly 17.
Perry, Winthrop Irving,	<i>Rockland,</i>	42 Kirkland St.
Peters, Charles Albert,	<i>Cambridge,</i>	12 Fayette St.
Petersson, Torsten,	<i>Lynn,</i>	63 Oxford St.
Pettingell, Charles Ireland,	<i>Newburyport,</i>	1691 Cambridge St.
Piper, John William,	<i>St. Marys, O.</i>	18 Plympton St.
Poor, Henry Varnum,	<i>New York, N. Y.</i>	Apley Court 31.
Pope, Arthur,	<i>Cleveland, O.</i>	54 Garden St.
Postlethwaite, John Ellis,	<i>Washington, D. C.</i>	Craigie 206.
Powers, Irwin LaVerne,	<i>Dorchester,</i>	31 Train St.. Dorches-
Pratt, Robert Gage,	<i>Worcester,</i>	Craigie 401. [ter.
Procter, Joseph Osborne, 3d,	<i>Gloucester,</i>	H'ke 39.
Putnam, Eliot Thwing,	<i>Roxbury,</i>	52 Brattle St.
Putnam, George Thwing,	<i>Roxbury,</i>	52 Brattle St.,
Quincy, Wilbur G,	<i>Dorchester,</i>	25 Holyoke St.
Randall, Maurice Wilson,	<i>Beverly,</i>	C. 67.
Ransohoff, Joseph Louis,	<i>Cincinnati, O.</i>	P. 68.
Ratschesky, Max Asher,	<i>Boston,</i>	Quincy 8.
Rawson, Hobart,	<i>Cincinnati, O.</i>	Ware 18.
Reed, Lewis Balcombe,	<i>Omaha, Neb.</i>	1208 Mass. Ave.
Reed, Thomas Harry,	<i>Allston,</i>	P. 55.
Regan, John James,	<i>Cambridge,</i>	174 Spring St.
Reid, William Thomas, Jr.	<i>Belmont, Cal.</i>	G. 10.
Reynolds, William Hartley,	<i>Bedford, Pa.</i>	H'ke 8.
Rice, Arthur Noble,	<i>Boston.</i>	31 Holyoke St.
Richmond, Harris Meigs,	<i>Adams,</i>	1683 Cambridge.
Rogers, Rufus White,	<i>New Orleans, La.</i>	Ware 45.
Root, Jay Emery,	<i>Somerville,</i>	6 Clifton St., Somer-
Rotch, Charles Morgan,	<i>Jamaica Plain,</i>	5 Linden St. [ville.
Rotch, Thomas Morgan, Jr.	<i>Boston,</i>	25 Holyoke St.
Rubenstein, Emil,	<i>Buffalo, N. Y.</i>	39 Ellery St.
Ruby, Edward Henry,	<i>Stoughton,</i>	14 Mellen St.
Ruess, Christopher George,	<i>Los Angeles, Cal.</i>	19 Sacramento St.
Russell, Richard Spofford,	<i>Boston,</i>	Beck 5.
Ryan, George Benedict,	<i>Boston,</i>	14 Lambert St.,
Sachs, Arthur,	<i>New York, N. Y.</i>	C't 40. [Boston.
Samson, Edward Joseph,	<i>Roxbury,</i>	T. 33.



Sanborn Henry Nichols,	<i>Cambridge,</i>	2 Ellsworth Park.
Sands, Joshua,	<i>New York, N. Y.</i>	Craigie 438.
Sands, Philip,	<i>New York, N. Y.</i>	68 Mt. Auburn St.
Sargent, Howard Harrop,	<i>St. Paul, Minn.</i>	D. A.
Sayles, Robert Wilcox,	<i>Pawtucket, R. I.</i>	P. 45.
Schleiter, Howard Gustav,	<i>Pittsburg, Pa.</i>	12 Oxford St.
Schlesinger, Elmer,	<i>Chicago, Ill.</i>	C't 47.
Scott, James Walter,	<i>E. Windsor Hill, Conn.</i>	12 Rutland St.
Sears, Frederick Richard, 3d,	<i>Boston,</i>	Dunster 26.
Sears, Joshua Montgomery, Jr.	<i>Boston,</i>	Beck 31.
Seeligson, George, Jr.	<i>Galveston, Tex.</i>	381 Harvard St.
Shattuck, George Cheever,	<i>Boston,</i>	Craigie 506.
Shattuck, Henry Lee,	<i>Boston,</i>	Shepherd 5.
Shaw, Charles Fletcher,	<i>Watertown,</i>	W. H. 56.
Shaw, Henry Corliss,	<i>Cambridge,</i>	17 Forest St.
Shaw, Munson Gallaudet,	<i>New Brighton, N. Y.</i>	Claverly 48.
Sherman, Edward Albert,	<i>Newport, R. I.</i>	C't 4.
Sherman, Roger Seymour,	<i>Titusville, Pa.</i>	45 Trowbridge St.
Shippee, Carl Clapp,	<i>Milford,</i>	W. 28.
Shorey, George Newhall,	<i>Lynn,</i>	T. 60.
Shurtleff, Flavel, Jr.	<i>E. Boston,</i>	75 Putnam St., E.
Shute, Franck, Jr.	<i>Waverly,</i>	Waverly. [Boston.
Sibley, Irving Augustine, Jr.	<i>South Bend, Ind.</i>	M. 10.
Silver, Ralph Sumner,	<i>Cleveland, O.</i>	C't 11.
Simmons, Roger Wiley,	<i>No. Cambridge,</i>	8 Roseland St.
Slattery, Frederick Joseph,	<i>Roxbury,</i>	1623 Tremont St., Roxbury.
Small, Charles Reuben,	<i>Chicago, Ill.</i>	92 Wendell St.
Small, Horace Clifton,	<i>So. Harwich,</i>	C. 39.
Smith, Charles Thomas,	<i>Newburyport,</i>	C. 60.
Smith, George Washington,	<i>Providence, R. I.</i>	C. 7. [Newton.
Smith, Joseph,	<i>Newton,</i>	50 Carleton St.,
Spratt, Daniel Magone,	<i>Ogdensburg, N. Y.</i>	467 Broadway.
Stanley, Ivan Isaac,	<i>Ft. Smith, Ark.</i>	61 Gorham St.
Stearns, Russell,	<i>Brookline,</i>	Read's 8. [ville.
Steinmetz, Philip Justice, Jr.	<i>Germanatown, Pa.</i>	9 Crocker St., W. Somer-
Stewart, Harold James,	<i>Melrose Highlands,</i>	Melrose Highlands.
Stickney, Samuel,	<i>E. Brownfield, Me.</i>	1039 Mass. Ave.
Stillings, Louis Albert,	<i>Boston,</i>	Trinity 1.
Stilwell, William Earle,	<i>Fayetteville, N. Y.</i>	125 Mt. Auburn St.
Stix, Charles Henry,	<i>Cincinnati, O.</i>	P. 68.
Stone, Frederick William,	<i>Waltham,</i>	P. 87.
Stone, Henry Leroy,	<i>Concord, N. H.</i>	1534 Cambridge St.
Strauss, Sidney,	<i>Pittsfield, Ill.</i>	Felton 31.
Straw, Charles Alonzo, Jr.	<i>Roxbury,</i>	807 Parker St., Roxbury.

Sturtevant, Roy Eliot,	<i>Roxbury,</i>	C't 19.
Sullivan, Michael Augustine,	<i>Lawrence,</i>	C. 30.
Sullivan, Patrick Lawrence,	<i>Concord, N. H.</i>	55 Hammond St.
Swaim, Roger Dyer,	<i>New Bedford,</i>	M. 5.
Sweetser, Arthur Laurence,	<i>Boston,</i>	Little's 12.
Sweetser, Theodore Hale,	<i>Boston,</i>	Little's 12.
Swift, Walter Babcock,	<i>Wellesley Hills,</i>	48 Irving St.
Switzer, Edward Montague, Jr.	<i>Chicago, Ill.</i>	20 Holyoke St.
Symonds, Joseph Haskell Allan,	<i>Auburn, N. Y.</i>	Craigie 303.
Talbot, Olin Dyer,	<i>Brookline,</i>	37 Bow St.
Taylor, William Harold,	<i>Newtonville,</i>	H'ke 12.
Thacher, George Oxenbridge,	<i>Boston,</i>	W. H. 4.
Thayer, Gordon Russell,	<i>Randolph,</i>	8 Irving Terrace.
Thierry, Louis Sidney,	<i>Cambridge,</i>	41 Crescent St.
Thomas, Stanley Powers,	<i>Peabody,</i>	20 Mellen St.
Thomas, William Kilpack Smith,	<i>Cambridge,</i>	427 Broadway.
Thurber, Samuel, Jr.	<i>Roxbury,</i>	W. H. 60.
Tilton, Charles Henry, Jr.	<i>Boston,</i>	Little's 21.
Tobey, Matthew Julien,	<i>Roxbury,</i>	34 Hartford St.,
Todd, Alvah Kittredge,	<i>Roxbury,</i>	P. 25. [Roxbury.]
Tower, George Homer,	<i>Boston,</i>	Apley Court 51.
Travis, Thomas,	<i>Bloomfield, N. J.</i>	C. 54.
Tucker, Randolph Foster,	<i>Boston,</i>	Apley Court 104.
Turner, Aaron,	<i>Strait's Corners, N. Y.</i>	C. 64.
Underwood, Ethan Rogers,	<i>Newark, N. J.</i>	364 Tappan St., Brook-
Vincent, Donald,	<i>Ft. Dodge, Iowa,</i>	Trinity 4. [line.]
Wadsworth, Alexander Harris,	<i>Lawrence,</i>	P. 31.
Wait, Walter Seaverns,	<i>W. Newton,</i>	P. 81.
Walcott, Samuel Frye,	<i>Salem,</i>	49 Wendell St.
Waldron, Charles Elmer,	<i>Hudson, N. Y.</i>	C. 54.
Walker, William Hastings,	<i>Cambridge,</i>	155 Western Ave.
Wall, Maurice Joseph,	<i>Worcester,</i>	43 Falmouth St., Boston.
Walsh, Richard McClennan,	<i>Roxbury,</i>	57 Howard Ave., Roxbury.
Walter, Albert,	<i>Wilkes Barre, Pa.</i>	C. 51.
Ware, Francis Cunningham,	<i>E. Milton,</i>	E. Milton.
Washburn, Frank DeWitt,	<i>Somerville,</i>	18 Park St., Somer-
Watson, Lawrence Joseph, 2d,	<i>Beverly Farms,</i>	W. H. 13. [ville.]
Webster, Francis Champlin,	<i>Chelsea,</i>	P. 74.
Welsch, Benjamin Smith,	<i>Cambridge,</i>	16 Rockwell St.
Wetherell, Monson Lyman, Jr.	<i>Gloucester,</i>	M. 44.
Whalen, Sylvester Maurice,	<i>Boston,</i>	46 E. Newton St., Boston.
Wheeler, Alexander Hamilton,	<i>Philadelphia, Pa.</i>	Claverly 7.
Wheelock, Geoffrey Manlius,	<i>Boston,</i>	Craigie 507.

Wheelwright, David Page,	<i>Jamaica Plain,</i>	25 Holyoke St.
Wheelwright, William Bond,	<i>Jamaica Plain,</i>	25 Holyoke St.
Whitbeck, Caleb Van Husen,	<i>Rochester, N. Y.</i>	35 Bow St.
White, Frank Stanley,	<i>Boston,</i>	Claverly 43.
Whitney, Charles Handasyde,	<i>Milton,</i>	60 Mt. Auburn St.
Whitney, Philip Lawrence,	<i>Hubbardston,</i>	T. 13.
Whitney, Stanton,	<i>Boston,</i>	60 Mt. Auburn St.
Whiton, Ross Kittredge,	<i>Quincy,</i>	H'ke 23.
Wier, Albert Ernest,	<i>Roxbury,</i>	3 Johnston Park,
Wiggin, Russell Benjamin,	<i>Malden,</i>	M. 9. [Roxbury.
Williams, Bradlee,	<i>Waban,</i>	7 Wendell St.
Williams, Frederick Charles,	<i>Roxbury,</i>	171 Eustis St., Rox-
Williams, Webster Fairbanks,	<i>Kendal Green,</i>	Quincy 12. [bury.
Wilmerding, Lucius,	<i>New York, N. Y.</i>	Claverly 49.
Wood, Benjamin Ezra,	<i>Boston,</i>	T. 41.
Wood, Erskine,	<i>Portland, Ore.</i>	25 Holyoke St.
Woodbury, Curtis Palmer,	<i>Boston,</i>	Craigie 405.
Woodworth, Stanley,	<i>Boston,</i>	Ware 32.
Wormelle, Fred Curtis,	<i>Brighton,</i>	6 Menlo St., Brighton.
Wrenn, Harold Brent,	<i>Chicago, Ill.</i>	20 Holyoke St.
Wright, Chester Whitney,	<i>Montpelier, Vt.</i>	C't 32.
Wright, George Jesse,	<i>Pittsburg, Pa.</i>	12 Oxford St.
Wright, John Cameron,	<i>Philadelphia, Pa.</i>	1 Walker Terrace.
Wye, Ernest Alfred,	<i>Needham,</i>	C. 22.
Wyman, Arthur Dickinson,	<i>Cambridge,</i>	908 Mass. Ave.
Yates, Henry William,	<i>Omaha, Neb.</i>	1208 Mass. Ave.
Young, Arthur Parkhurst,	<i>Dorchester,</i>	C't 25.

## SPECIAL STUDENTS.

Abrams, Maurice Daniel,	<i>Boston,</i>	216 W. Newton St., Boston.
Adams, Walter,	<i>Dorchester,</i>	25 Holyoke St.
Allen, Arthur Samuel,	<i>Dorchester,</i>	98 Ashmont St., Dorchester.
Anderson, Charles Augustus,	<i>Port Richmond, N. Y.</i>	45 Trowbridge St.
Armington, Hervey Foster,	<i>Roxbury,</i>	Hotel Dale, Roxbury.
Bard, Claude Marten,	<i>Reading, Pa.</i>	78 Hammomd St.
Barnitz, David Park,	<i>Des Moines, Ia.</i>	1106 Mass. Ave.
Barrett, Thomas Frost,	<i>Memphis, Tenn.</i>	9 Story St.
Barry, Frederic Gaffney,	<i>Rochester, N. Y.</i>	5 Linden St.
Bassity, Joseph Francis,	<i>So. Boston,</i>	85 C St., So. Boston.
Bateman, Thomas Robert,	<i>Boston,</i>	5 Chardon St., Boston.
Baxter, Rex Mitchell,	<i>Lima, O.</i>	43 Irving St.
Bedinger, George Rust,	<i>Salem,</i>	2 Forrester St., Salem.

Bertholf, John Rossman,	<i>Nyack, N. Y.</i>	T. 10.
Brainerd, Lawrence, 2d,	<i>St. Albans, Vt.</i>	P. 10.
Brintnall, William Parsons,	<i>Roxbury,</i>	Dunster 41. [ton.
Brown, David Ellwood,	<i>Newark, N. J.</i>	415 Mass. Ave., Bos-
Brown, Malcolm Emmons,	<i>New York, N. Y.</i>	Craigie 104.
Brown, Robert Merida,	<i>Lamar, Mo.</i>	S. 11.
Bruguère, Émile A, Jr.	<i>San Francisco, Cal.</i>	Beck 45. [Arlington.
Bull, James Armitage,	<i>Arlington,</i>	31 Bartlett Ave.,
Burden, Williams Proudfit,	<i>New York, N. Y.</i>	9 Bow St.
Burke, Thomas Edmund, LL.B. ( <i>Boston Univ.</i> ) 1897,		[Roxbury.
Burnham, John Appleton, Jr.	<i>Roxbury,</i>	87 Winthrop St.,
Burroughs, Julian,	<i>Boston,</i>	68 Mt. Auburn St.
Bush, Clarence Kiff,	<i>West Park, N. Y.</i>	M. 26.
Butler, John Allen,	<i>Walton, N. Y.</i>	16 Carver St.
Cabell, Mayo,	<i>Brookline,</i>	5 Linden Pl., Brookline.
Caldwell, John Harvey,	<i>Norwood, Va.</i>	46 Langdon St.
Chard, Thornton,	<i>Chatham, Ill.</i>	Craigie 303.
Chase, Ernest Warren,	<i>Buffalo, N. Y.</i>	60 Brattle St.
Chase, George Quincy,	<i>W. Newton,</i>	W. Newton.
Coburn, Edward Warren,	<i>Oakland, Cal.</i>	8 Irving Terrace.
Cole, John Gully,	<i>Lowell,</i>	P. 51.
Conlin, Francis Joseph,	<i>St. Louis, Mo.</i>	H'ke 3.
Conroy, William Henry, Jr., A.B. ( <i>Philadelphia City Coll.</i> ) 1895,	<i>E. Boston,</i>	348 Saratoga St.,
		[E. Boston.
Cook, Arnold,	<i>Philadelphia, Pa.</i>	Craigie 301.
Davis, John Carlyle,	<i>Cleveland, O.</i>	10 Mellen St.
Davis, John Chandler Bancroft, 2d,	<i>Hartwell, O.</i>	40 Kirkland St.
Davol, Ralph,	<i>Washington, D. C.</i>	Claverly 130.
DeFerrari, Atilio Lawrence,	<i>Taunton,</i>	1691 Cambridge St.
Dodge, Moncena Myles,	<i>Boston,</i>	4 Wesley Pl., Boston.
Dougan, Lewis Matthew, B.Ped. ( <i>State Normal Coll. of N. Y.</i> ) 1897,	<i>Carmel, Me.</i>	147 Mt. Auburn St.
	<i>Middle Granville, N. Y.</i>	10 Mellen St. [ton.
Dresser, Horatio Willis,	<i>Boston,</i>	19 Blagden St., Bos-
Edwards, Athole Brand,	<i>Boston,</i>	108 Mt. Vernon St.
Eldred, Arthur Gordon,	<i>Wausau, Wis.</i>	12 Francis Ave.
Elkins, Davis,	<i>Elkins, W. Va.</i>	Claverly 44.
Ellicott, James Pike,	<i>Baltimore, Md.</i>	W. 2.
Elliot, Harry Stanton,	<i>New York, N. Y.</i>	Ware 36.
Ellis, Robert Hale,	<i>Braintree,</i>	Braintree.
Ellis, Walter Fred,	<i>Braintree,</i>	Braintree.
Emerson, Elliot Shearer,	<i>Cambridge,</i>	395 Broadway.
Evans, Wilmot Roby, Jr.	<i>Everett,</i>	157 Mt. Auburn St.

Fairleigh, James Franklin,	<i>Louisville, Ky.</i>	1727 Cambridge St.
Farr, Daniel Haddock,	<i>Philadelphia, Pa.</i>	9 Bow St.
Foley, Thomas Patrick, s.b. ( <i>Boston Univ.</i> ) 1895,	<i>Natick,</i>	56 Plympton St.
Fraunfelter, Clare Edwin,	<i>Canton, O.</i>	65 Hammond St.
Freeman, Milton Seymour,	<i>New London, Conn.</i>	C. 45.
Gilchrist, Ralph Edmund,	<i>Alpena, Mich.</i>	44 Brattle St.
Ginn, Maurice Edwin,	<i>Winchester,</i>	Quincy 5.
Goddard, James Brewer,	<i>Wellesley Hills,</i>	6 Ashton Pl.
Gould, Edgar Davis,	<i>Dorchester,</i>	W. 5.
Griffith, George Calvin,	<i>Moundsville, W. Va.</i>	32 Mellen St. [ville.
Grigg, Frederic William,	<i>Newtonville,</i>	64 Otis St., Newton-
Grinnell, Edmund,	<i>New Bedford,</i>	56 Plympton St.
Grose, Howard Bristol,	<i>Wellesley Hills,</i>	C. 63.
Grove, Frank Hershey,	<i>Buffalo, N. Y.</i>	40 Irving St.
Harper, Clarence Samuel,	<i>Ottumwa, Ia.</i>	40 Kirkland St.
Hart, Henry Gilbert, Jr.	<i>Utica, N. Y.</i>	H'ke 21.
Hatch, Charles Phillips,	<i>Newport, R. I.</i>	Hilton 31.
Hathaway, George Adelbert,	<i>Berkeley,</i>	9 Francis Ave.
Hawkins, Mason Albert,	<i>Baltimore, Md.</i>	57 Museum St.
Hazlett, James Howard,	<i>Milford, Ill.</i>	94 Wendell St.
Heinsling, Edwin Louis,	<i>Altoona, Pa.</i>	1134 Mass. Ave.
Herr, Irving,	<i>Oak Park, Ill.</i>	22 Mt. Auburn St.
Hewins, Alfred Stone,	<i>Dedham,</i>	Arsenal Sq.
Hewitt, Harry Brewer,	<i>Menasha, Wis.</i>	Ware 8.
Hodskins, Frank Gay,	<i>Springfield,</i>	T. 1.
Hoe, Robert, Jr.	<i>New York, N. Y.</i>	Apley Court 43.
Holmes, John Robb, Jr.	<i>St. Joplin, Mo.</i>	H'ke 47.
Hörstmann, Ferdinand Oden, Jr.	<i>Washington, D. C.</i>	28 Holyoke St.
Hosmer, Henry Joseph, Jr.	<i>Concord,</i>	H'ke 3.
Howes, William Frederic,	<i>Rockland,</i>	Rockland.
Hussey, John Michel,	<i>Nevada City, Cal.</i>	46 Carver St.
Hutchison, Percy Adams,	<i>Cambridge,</i>	Craigie 302.
Hyde, Benjamin Talbot Babbitt,	<i>New York, N. Y.</i>	26 Trowbridge St.
Irish, Harry Adams,	<i>Barre Plains,</i>	46 Langdon St.
Johnson, Horace,	<i>Revere,</i>	Cushman Ave.,
Keith, Andrew Paul,	<i>Brookline,</i>	Ware 7. [Revere.
Kendall, Grosvenor Humphrey,	<i>Cambridge,</i>	25 Holyoke St.
Keyser, Frederic Henry,	<i>Charlestown,</i>	31 School St., Charlestown.
Kibby, Warren Jeremiah,	<i>Richfield Springs, N. Y.</i>	65 Hammond St.
Kirmayer, Frank Henry,	<i>Bridgewater,</i>	62 Wendell St.
Kirwen, James Edward,	<i>Medford,</i>	194 Winthrop St., Medford.
LaForge, Laurence,	<i>Cambridge,</i>	11 Prentiss Pl.

Lee, Ralph Everett,	<i>Chelsea,</i>	C. 63.
Lord, John Carlisle,	<i>Orange, N. J.</i>	1746 Cambridge St.
Maher, William Thomas,	<i>Taunton,</i>	C't 21.
Marcy, Frederic Charles,	<i>Boonville, N. Y.</i>	467 Broadway.
Martin, William Roger,	<i>Bedford, Ind.</i>	H'ke. 10.
Maxwell, Samuel Raymond,	<i>Philadelphia, Pa.</i>	P. 65. [Suite 1.
Mayer, Elias,	<i>Chicago, Ill.</i>	1653 Cambridge St.,
Minary, James Stephen,	<i>Louisville, Ky.</i>	3 Sumner St.
Morse, Albert Child,	<i>Brookline,</i>	Read's 2.
Morton, William Curtis,	<i>Cleveland, O.</i>	Craigie 404.
Myrick, Arthur Beckwith,	<i>Brooklyn, N. Y.</i>	467 Broadway.
Negus, Samuel Pike,	<i>Dayton, O.</i>	Ware 29.
Newton, Frederick Maurice,	<i>New York, N. Y.</i>	W. H. 40.
Nichols, George Monroe Gage,	<i>Haverhill,</i>	W. H. 34.
Norton, John Watkinson,	<i>Cazenovia, N. Y.</i>	Apley Court 54.
O'Neill, Bernard Joseph, Jr.	<i>Dubuque, Ia.</i>	381 Harvard St.
Osborne, George Ralph,	<i>Cambridge,</i>	Elmwood Ave.
Paine, Harold Clark,	<i>Newton,</i>	25 Channing St., Newton.
Pecker, Arthur Eugene,	<i>Swampscott,</i>	Craigie 201.
Perkins, Arthur Enoch,	<i>Arlington Heights,</i>	53 Church St.
Persons, Clair George,	<i>Cambridgeport,</i>	231 Norfolk St.
Pettus, Eugene,	<i>St. Louis, Mo.</i>	Ware 4.
Pike, William Smedley,	<i>Media, Pa.</i>	10 Oxford St.
Pope, Alfred Leland,	<i>Cleveland, O.</i>	54 Garden St.
Popper, Arthur William,	<i>New York, N. Y.</i>	W. 8.
Potter, George Milton,	<i>Smileyville, Mo.</i>	1 Walker Terrace.
Prescott, Francis,	<i>Newton,</i>	W. H. 36.
Pride, Nathaniel Hart,	<i>Andover,</i>	8 Irving Terrace.
Prouty, Claude Newton, Jr.	<i>Spencer,</i>	M. 8.
Reed, William Maxwell,	<i>Andover,</i>	P. 27.
Riddell, Herbert,	<i>Jamaica Plain, Roanoke Ave.,</i>	Jamaica Plain.
Rollins, Carl Purington,	<i>Newburyport,</i>	1691 Cambridge St.
Root, George Frederick,	<i>Chicago, Ill.</i>	W. H. 57.
Rosenwasser, Herman Bonaparte,	<i>Cleveland, O.</i>	19 Irving St.
Rudd, Malcolm Day,	<i>Lakeville, Conn.</i>	86 Pleasant St., Arlington.
Runnells, Clive,	<i>Chicago, Ill.</i>	48 Brattle St.
Rush, William Walter,	<i>Ligonier, Ind.</i>	66 Winthrop St.
Ryan, Eugene,	<i>Dubuque, Ia.</i>	Felton 27.
Sadtler, Harry Albert,	<i>Cambridge,</i>	96 Ellery St.
Sargeant, Ernest Edward,	<i>Omro, Wis.</i>	17 Dunster St.
Sayre, Adolphe Monell, LL.B. ( <i>Columbian Univ.</i> ) 1895,	<i>New York, N. Y.</i>	W. H. 18.
Seymour, Robert Wilson,	<i>Boston,</i>	25 Holyoke St.

Sharkey, Joseph Edward,	<i>Cambridge,</i>	259 Elm St.
Shaw, Charles Franklin,	<i>Philadelphia, Pa.</i>	S. 13.
Sheehan, John Louis,	<i>Cambridge,</i>	Brewer's 2.
Smith, Frederic Estabrook, Jr.	<i>Dayton, O.</i>	Dunster 46.
Smith, Harry Chapin,	<i>Springfield,</i>	111 Trowbridge St.
Smith, Ralph Emory,	<i>Malden,</i>	T. 11.
Spalding, Leland Jason,	<i>Webster,</i>	11 Leonard Ave.
Spiller, Albert Edwin Miles,	<i>No. Abington,</i>	1686 Cambridge St.
Stedman, Frank Holt,	<i>Cambridge,</i>	35 Highland Ave.
Stern, Erich Cramer,	<i>Milwaukee, Wis.</i>	12 Oxford St.
Stevens, Wallace,	<i>Reading, Pa.</i>	54 Garden St.
Stimson, Marshall Webster,	<i>Los Angeles, Cal.</i>	Trinity 16.
Sullivan, Mark Forest,	<i>Phoenixville, Pa.</i>	1727 Cambridge St.
Swift, George Wesley,	<i>Newtonville,</i>	Kirkland & Irving Sts.
Swinford, William Braden,	<i>Watseka, Ill.</i>	10 Appian Way.
Taylor, Valentine,	<i>New York, N. Y.</i>	1734 Cambridge St.
Thurston, Clarence Luther,	<i>Omaha, Neb.</i>	C't 32.
Vanderhoof, Nelson Birkbeck,	<i>Jersey City, N. J.</i>	P. 11.
Ward, Herbert Edgar,	<i>Newark, N. J.</i>	Ware 24.
Ward, Lyman,	<i>Cleveland, O.</i>	10 Mellen St.
Ware, Thornton Marshall,	<i>Fitchburg,</i>	1672 Mass. Ave.
Watson, Guy Moody,	<i>E. Titusville, Pa.</i>	65 Oxford St.
Webster, Carrol Wilmot,	<i>Oconto, Wis.</i>	P. 69.
Welch, Hamilton Wilson,	<i>Boston,</i>	Craigie 427.
Wells, Roger Clark,	<i>Allston,</i>	23 Highgate St., Allston.
Wentworth, Mark Hunting, 2d,	<i>Cambridge,</i>	158 Brattle St.
White, Charles Stevens,	<i>Brooklyn, N. Y.</i>	20 Ware St.
Whitney, George Gilbert,	<i>St. Paul, Minn.</i>	D. A.
Williams, David Charlton,	<i>Chicago, Ill.</i>	C't 35.
Woodruff, Harry Mygatt,	<i>Germantown, Pa.</i>	8 Holyoke St.
Wyman, Charles Henry,	<i>Colorado Springs, Colo.</i>	23 Harrison St.,
Young, Ernest Adams,	<i>Dorchester,</i>	II'y 24. [Somerville.]

## SUMMARY.

SENIORS . . . . .	342
JUNIORS . . . . .	387
SOPHOMORES . . . . .	450
FRESHMEN . . . . .	471
SPECIAL STUDENTS . . . . .	169
Total . . . . .	1819

## THE LAWRENCE SCIENTIFIC SCHOOL.

Alexander, Henry James,	S. Civ. Engin.	<i>W. Somerville.</i>
Allen, Glover Morrill,	1 B. & Z.	<i>Intervale, N. H.</i>
Allen, Lyman Richards,	4 Sci. T.	<i>E. Bridgewater.</i>
Allyn, Rufus Bradford,	3 Civ. Engin.	<i>Cambridge.</i>
Antisdel, Lloyd Sterling,	2 Geol.	<i>Chicago, Ill.</i>
Applegate, William Augustus,	1 Elec. Engin.	<i>Cambridge.</i>
Arkin, Louis,	1 Hyg.	<i>Boston.</i>
Armistead, Daniel Webster Appleton,	4 Mech. Engin.	<i>Newport, R. I.</i>
Armstrong, George Peters,	S. Sci. T.	<i>Belmont.</i>
Attwill, William Henry,	2 Sci. T.	<i>Cambridge.</i>
Ayer, Nathaniel Farwell,	2 Mech. Engin.	<i>Boston.</i>
Baker, Ross Wakefield,	3 Mech. Engin.	<i>Dedham.</i>
Ballard, Alvan Rowell,	S. Civ. Engin.	<i>Fall River.</i>
Barnes, Karl Schenck,	2 Mech. Engin.	<i>Cambridge.</i>
Barnes, Robert Coolidge,	1 Mech. Engin.	<i>Somerville.</i>
Bassett, Will Austin,	1 Mining.	<i>Dorchester.</i>
Becker, Sherburn Merrill,	1 Geol.	<i>Milwaukee, Wis.</i>
Bedford, Russell Booth,	2 Elec. Engin.	<i>Brooklyn, N. Y.</i>
Beebe, Silas Palmer, s. b. ( <i>North ern Indiana Normal</i> ) 1896,	S. Hyg.	<i>Milton, No. Dak.</i>
Bennett, Edward Kitfield,	1 Chem.	<i>Gloucester.</i>
Bennett, Edward Shuman,	1 Gen. Sci.	<i>Boston.</i>
Benson, Howard Jonathan, P. H. B. ( <i>Colorado Coll.</i> ) 1895,	3 Mining.	<i>Cambridge.</i>
Biddle, Nicholas,	2 Gen. Sci.	<i>Cambridge.</i>
Bigelow, Joseph Smith, Jr.	1 B. & Z.	<i>Boston.</i>
Bill, Carroll Meredith,	1 Arch.	<i>Boston.</i>
Black, William Joseph,	S. Chem.	<i>Philadelphia, Pa.</i>
Blaikie, Cameron,	S. Gen. Sci.	<i>Engelwood, N. J.</i>
Blake, Edmund Mortimer, s. b. ( <i>Amherst Coll.</i> ) 1897,	3 Civ. Engin.	<i>Hyde Park.</i>
Blaker, Robert Fulton,	S. Mech. Engin.	<i>Boston.</i>
Blanchford, Francis Wickes,	2 Hyg.	<i>Chicago, Ill.</i>
Blodins, Albert Henry,	4 Arch.	<i>Cambridge.</i>



Boal, Walter Ayres,	2 Elec. Engin.	<i>Chicago, Ill.</i>
Boardman, Edwin Augustus, Jr.	1 Geol.	<i>Boston.</i>
Boardman, Reginald,	S. Geol.	<i>West Manchester.</i>
Boone, Robert Chapman,	S. Arch.	<i>Winchester.</i>
Boutwell, Horace Keith,	2 Hyg.	<i>Cambridge.</i>
Boutwell, John Mason, A.B., 1897,	4 Geol.	<i>Manchester, N. H.</i>
Bradlee, Dudley Hall, Jr.	4 Mech. Engin.	<i>Medford.</i>
Bragdon, William Badean,	S. Arch.	<i>New York, N. Y.</i>
Breed, George Horace,	2 Arch.	<i>Louisville, Ky.</i>
Bridgman, Harold Vincent,	S. Gen. Sci.	<i>Boston.</i>
Brinckerhoff, Walter Remsen,	4 B. & Z.	<i>New York, N. Y.</i>
Brine, Lewis Rowe,	3 Civ. Engin.	<i>Winchester.</i>
Brittin, Louis Hotchkiss,	1 Gen. Sci.	<i>Derby, Conn.</i>
Brower, Abram Vedder,	2 Geol.	<i>Utica, N. Y.</i>
Brower, Daniel Roberts,	2 Hyg.	<i>Chicago, Ill.</i>
Brower, Jay Jeremiah, M.E. ( <i>Bloomsburg State Normal School</i> ) 1889,	1 Gen. Sci.	<i>Bloomsburg, Penn.</i>
Brown, John Leslie,	S. Hyg.	<i>Newburyport.</i>
Brown, Lewis Blanchard, 2d,	2 Mining.	<i>New York, N. Y.</i>
Brown, Paul Ferrie,	1 Elec. Engin.	<i>Cambridge.</i>
Brown, Thomas Dalton,	1 Elec. Engin.	<i>Boston.</i>
Browne, Percy Corbett,	1 Geol.	<i>Roxbury.</i>
Brownlee, George Burr,	S. Gen. Sci.	<i>St. Louis, Mo.</i>
Brush, Edwin Marin,	1 Gen. Sci.	<i>Brookline.</i>
Buckland, Frank Merton,	2 Gen. Sci.	<i>W. Hartford, Conn.</i>
Buff, Louis Fred,	2 Mech. Engin.	<i>Jamaica Plain.</i>
Bull, Henry Tilgham,	1 Civ. Engin.	<i>Arlington.</i>
Bumpus, Edward Avery,	S. Arch.	<i>Quincy.</i>
Bumstead, Albert Hoit,	S. Gen. Sci.	<i>Roxbury.</i>
Bunton, George Herbert,	2 Mech. Engin.	<i>No. Cambridge.</i>
Burchenal, Charles Day,	S. Elec. Engin.	<i>Fort Slocum, N. Y.</i>
Burgess, Edward Guyer, Jr.	2 Geol.	<i>Montclair, N. J.</i>
Burke, Robert Emmett,	2 Geol.	<i>So. Boston.</i>
Burnett, Francis Lowell,	1 Hyg.	<i>Cambridge.</i>
Burns, Harry Carlton,	1 Arch.	<i>Boston.</i>
Burr, Freeman Foster,	2 B. & Z.	<i>Malden.</i>
Burr, Henry Turner,	2 Geol.	<i>Malden.</i>
Butler, James Allen,	4 Civ. Engin.	<i>Buzzards Bay.</i>
Campbell, George Peter,	2 Sci. T.	<i>Cambridge.</i>
Campbell, James Chase,	2 Elec. Engin.	<i>Bath, Me.</i>
Cheney, Herbert Neal,	3 Mech. Engin.	<i>Allston.</i>
Christie, Louis Davis,	S. Mech. Engin.	<i>Bridgeport, Conn.</i>

Churchill, Jesse Briggs,	3 Chem.	<i>Chelsea.</i>
Clark, Edward Lewis Center,	4 Mech. Engin.	<i>Cambridge.</i>
Clark, Francis Lyman,	1 Arch.	<i>Brookline.</i>
Clark, George Edmund,	S. Elec. Engin.	<i>Windsor Locks, Conn.</i>
Clark, Harold Benjamin,	1 Gen. Sci.	<i>New York, N. Y.</i>
Clark, John Donovan,	1 Hyg.	<i>Newtonville.</i>
Clark, Thomas Welcome,	3 Mech. Engin.	<i>Cambridge.</i>
Clarke, John Gray,	4 Civ. Engin.	<i>Southbridge.</i>
Cobb, John Pierpont,	2 Mech. Engin.	<i>Lake Forest, Ill.</i>
Cockcroft, Arthur,	2 Arch.	<i>Northport, N. Y.</i>
Cole, George Albert,	2 Arch.	<i>Hingham.</i>
Coleman, Lockett Gwin,	2 Mech. Engin.	<i>St. Louis, Mo.</i>
Conklin, Mark MacDougall,	S. Arch.	<i>Auburn, N. Y.</i>
Converse, Arthur Darling,	1 Hyg.	<i>Winchendon.</i>
Coolidge, Joshua Warren,	1 Mech. Engin.	<i>Watertown.</i>
Craven, Allan Burton,	S. Arch.	<i>Graniteville.</i>
Crimmins, Thomas,	2 Elec. Engin.	<i>New York, N. Y.</i>
Cushing, Harry Howard,	2 Hyg.	<i>Cambridge.</i>
Cushing, Robert Parsons,	3 Chem.	<i>Winthrop.</i>
Cutler, Samuel Clark,	2 Gen. Sci.	<i>Brookline.</i>
Daggett, Fred Wallis,	2 Mech. Engin.	<i>Brighton.</i>
Davidson, Robert Stevens,	S. Elec. Engin.	<i>Cambridge.</i>
Davis, Charles Clafin,	S. Geol.	<i>Boston.</i>
Davis, Edwin Greeley,	4 Mech. Engin.	<i>Cambridge.</i>
Davis, Gilbert Francis,	1 Civ. Engin.	<i>Windsor, Vt.</i>
Davol, Charles Winthrop,	S. Elec. Engin.	<i>Taunton.</i>
Dean, Benjamin Whitney,	1 Gen. Sci.	<i>Worcester.</i>
DeBlois, Lewis Amory,	3 Elec. Engin.	<i>Boston.</i>
Derby, Ira Harris,	3 Chem.	<i>Lyme Centre, N. H.</i>
Diaz, Manuel Dionisyus, A.B.	3 Civ. Engin.	<i>Matanzas, Cuba.</i>
( <i>Univ. of Havana</i> ) 1891,	2 Mech. Engin.	<i>Keene, N. H.</i>
Dinsmoor, William Parry Jones,	2 Gen. Sci.	<i>Chicago, Ill.</i>
Dixon, William Warren,	2 Hyg.	<i>Portland, Me.</i>
Donham, Albert Grenville,	3 Civ. Engin.	<i>Chicago, Ill.</i>
Drake, Charles Sumner,	S. Civ. Engin.	<i>Jamaica Plain.</i>
Dunning, Albert Beach,	S. B. & Z.	<i>Cedarhurst, L. I.</i>
Dunning, Ralph Cheever,	2 Mech. Engin.	<i>Somerville.</i>
Dustin, George Henry,	S. Civ. Engin.	<i>Chelmsford.</i>
Dutton, Charles Henry,	1 Chem.	<i>Watertown.</i>
Dutton, Leland Turner,	1 Arch.	<i>Boston.</i>
Eberhardt, Herman,	4 Elec. Engin.	<i>Boston.</i>
Edgell, Fred Victor,	S. Civ. Engin.	<i>Boston.</i>
Eichorn, Frederic Hubert,		

Eldridge, Stanley Hall,	1	Hyg.	<i>Jamaica Plain.</i>
Ellis, Shirley Gregory,	1	Mech. Engin.	<i>Lynn.</i>
Ely, Charles Hardy,	1	Arch.	<i>Cambridge.</i>
Emery, Manning, Jr.	1	Elec. Engin.	<i>Cambridge.</i>
Endicott, Laurence,	1	Gen. Sci.	<i>Boston.</i>
Evans, Dwight Durkee,	1	Gen. Sci.	<i>St. Louis.</i>
Faber, Henry Burnell,	4	Chem.	<i>Brooklyn, N. Y.</i>
Fairbank, Dexter,	2	Gen. Sci.	<i>Chicago, Ill.</i>
Fancy, Clifford Reginald,	1	Civ. Engin.	<i>Watertown.</i>
Farquhar, Frank Chapman,	S.	Arch.	<i>Newton.</i>
Fay, Edward Henry,	1	Geol.	<i>Wellesley.</i>
Fenno, Henry Bradlee,	2	Arch.	<i>Boston.</i>
Ferguson, Robert Arthur,	2	Mech. Engin.	<i>So. Boston.</i>
Field, George Francis,	2	Geol.	<i>Quincy.</i>
Field, Samuel Bartlett,	4	Mech. Engin.	<i>Roselle, N. J.</i>
Field, William Lusk Webster,	S.	B. & Z.	<i>Milton.</i>
Fish, Pierce Lovering,	1	Elec. Engin.	<i>Taunton.</i>
Flanders, Henry Alexander,	1	Gen. Sci.	<i>Melrose.</i>
Flandrau, William Blair,	1	Arch.	<i>St. Paul, Minn.</i>
Forman, Ralph Falconer,	1	Gen. Sci.	<i>Erie, Pa.</i>
Forsman, Stanton Watson,	1	Gen. Sci.	<i>Williamsport, Pa.</i>
Forsyth, Alexander, A.B. 1896,	4	Mining,	<i>Cambridge.</i>
Francis, Joseph Sidney, A.B. 1897,	4	Civ. Engin.	<i>Lowell.</i>
Fraprie, Frank Roy,	4	Chem.	<i>Fall River.</i>
Furlong, Gerald Fennell,	2	Mech. Engin.	<i>St. John, N. B.</i>
Gerrish, George Howard,	1	Mech. Engin.	<i>Chelsea.</i>
Gerry, Peter Goelet,	1	Gen. Sci.	<i>Newport, R. I.</i>
Gerry, Robert Livingston,	S.	Gen. Sci.	<i>Newport, R. I.</i>
Gibbs, David,	3	Sci. T.	<i>Tumble Sta., N. J.</i>
Gifford, Lloyd Oakes,	3	Arch.	<i>Lynn.</i>
Gilpatrick, Fred Byron,	1	Sci. T.	<i>Boston.</i>
Gleason, John Leighton,	S.	Elec. Engin.	<i>Boston.</i>
Goad, William Frank, Jr.	1	Gen. Sci.	<i>San Francisco, Cal.</i>
Graham, Edward Howland,	S.	Gen. Sci.	<i>Brookline.</i>
Graham, Edward Thomas,	S.	Arch.	<i>Cambridge.</i>
Graves, Robert John,	2	Hyg.	<i>Boscawen, N. H.</i>
Griggs, Thomas Watson,	3	Mining,	<i>Davenport, Ia.</i>
Hager, William Perry,	S.	Hyg.	<i>So. Deerfield.</i>
Hall, Edward John,	3	Gen. Sci.	<i>Central Mine, Mich.</i>
Hanna, Albert Smith,	4	B. & Z.	<i>Albion, Ill.</i>
Hanson, Clifford Taft,	1	Civ. Engin.	<i>Woburn.</i>
Harding, Charles Lewis,	2	Gen. Sci.	<i>Boston.</i>
Harley, Frederick William,	3	Gen. Sci.	<i>Fall River.</i>

Harper, Alexander James,	1 Arch.	<i>Cambridge.</i>
Harris, Albert,	2 Mech. Engin.	<i>Cambridge.</i>
Harris, Wilbur Andrew,	2 Mech. Engin.	<i>Swampscott.</i>
Hastings, Theodore Mitchell,	4 Arch.	<i>Philadelphia, Pa.</i>
Hatch, Cyril Henry,	2 Geol.	<i>Philadelphia, Pa.</i>
Hatch, Edward Jeremiah,	S. Gen. Sci.	<i>Brooklyn, N. Y.</i>
Hawkins, Don Price,	2 Civ. Engin.	<i>Indianapolis, Ind.</i>
Hawks, Arthur Stearns,	S. Mech. Engin.	<i>Deerfield.</i>
Healy, John Robert, A. B. 1897,	3 Mining.	<i>Roxbury.</i>
Hendricks, Allan Barringer, Jr.	S. Elec. Engin.	<i>Red Hook, N. Y.</i>
Hewitt, John Harvey,	1 Gen. Sci.	<i>Menasha, Wis.</i>
Hewitt, Morgan Francis,	1 Gen. Sci.	<i>Menasha, Wis.</i>
Hickman, William Albert,	3 B. & Z.	<i>Pictou, N. S.</i>
Higbee, George Greenleaf,	1 Gen. Sci.	<i>Burlington, Vt.</i>
Hill, Hamilton,	1 Gen. Sci.	<i>Boston.</i>
Hitchcock, Arthur Brainard, Jr.	1 Gen. Sci.	<i>Brookline.</i>
Hitchings, Frederic Wade,	1 Hyg.	<i>Dedham.</i>
Hodges, Richard Osgood,	2 Mech. Engin.	<i>Cambridge.</i>
Hodges, William Joseph,	1 Elec. Engin.	<i>Newton Centre.</i>
Holiday, Francis Erastus, B. S. D. ( <i>Warrensburg State Normal</i> ) 1888,	S. Sci. T.	<i>Warrensburg, Mo.</i>
Hollings, William French,	2 Arch.	<i>Newtonville.</i>
Holmes, George Ennis,	1 Mech. Engin.	<i>Bradford.</i>
Holmes, Howard Fowler,	4 Hyg.	<i>Georgetown.</i>
Horgan, John Dennis,	2 Mech. Engin.	<i>Dorchester.</i>
Howe, Reginald Heber,	S. B. & Z.	<i>Brookline.</i>
Hoyt, Giles Milton,	2 Elec. Engin.	<i>Danbury, Conn.</i>
Hughes, Hector James, A. B.	3 Civ. Engin.	<i>Brookline.</i>
Hughes, Harold Lincoln,	2 Mech. Engin.	<i>Saugus.</i>
Humphrey, Campbell,	1 Gen. Sci.	<i>Brookline.</i>
Ireland, George Preston, PH. B. ( <i>Tufts Coll.</i> ) 1895,	2 Civ. Engin.	<i>Somerville.</i>
Irvin, Effingham Townsend,	3 Geol.	<i>New York, N. Y.</i>
Ivins, William Mills, Jr.	1 Gen. Sci.	<i>New York, N. Y.</i>
Jaffray, Percy Malcolm,	2 Elec. Engin.	<i>Irrington-on-Hud-</i>
Jaynes, Charles William,	1 Gen. Sci.	<i>Boston. [son, N. Y.</i>
Johnson, George Clifford,	1 Gen. Sci.	<i>Boston.</i>
Johnson, Richard Crosswell,	S. Mech. Engin.	<i>Cambridge.</i>
Johnson, Roswell Hill,	2 B. & Z.	<i>Buffalo.</i>
Johnston, Charles Haven Ladd,	3 Hyg.	<i>Washington, D. C.</i>
Johnston, Samuel Andrew, Jr.	2 Gen. Sci.	<i>Indianapolis, Ind.</i>
Jones, Frederic Marshall, A. B. 1896,	2 Arch.	<i>Somerville.</i>

Jones, Harry Linwood,	S. Civ. Engin.	<i>Waltham.</i>
Jones, Isaiah Tobey,	4 Mech. Engin.	<i>Sandwich.</i>
Joyce, Louis Valentine,	1 Mech. Engin.	<i>Somerville.</i>
Kasson, Burt Zelotes,	S. Mining.	<i>Gloverville, N. Y.</i>
Kellogg, James Case,	1 Gen. Sci.	<i>Elizabethtown, N. Y.</i>
Kendall, Hugh Fessenden,	4 Geol.	<i>Cambridge.</i>
Kennedy, Frank Lowell, A. B. 1892,	4 Mech. Engin.	<i>Cambridge.</i>
Kidder, Howard White,	S. Mining,	<i>Cambridge.</i>
Kimball, Arthur Clark,	1 Gen. Sci.	<i>Lynn.</i>
Kimball, George Cook,	2 Elec. Engin.	<i>Brookline.</i>
Koch, Waldemar,	4 Chem.	<i>St. Louis, Mo.</i>
Krey, Arthur William,	S. Elec. Engin.	<i>Boston.</i>
Kruse, Conrad Frederick,	S. Arch.	<i>Davenport, Ia.</i>
Ladd, Charles Haven,	1 Gen. Sci.	<i>Galveston, Tex.</i>
Latham, Everett Bodine, LL. B. ( <i>Detroit Coll. of Law</i> ) 1896,	S. Chem.	<i>Detroit, Mich.</i>
Leatherbee, Clifton Felton,	S. Mech. Engin.	<i>W. Newton.</i>
Lee, Edward Brown,	2 Arch.	<i>Ashland, Me.</i>
Lewin, Frank Spalding,	S. Hyg.	<i>Brooklyn, N. Y.</i>
Libbey, Joseph Harold,	4 Mech. Engin.	<i>W. Newton.</i>
Locke, James Pillsbury,	2 Civ. Engin.	<i>Waltham.</i>
Lockwood, Cornelius Wygant,	3 Sci. T.	<i>Newburgh, N. Y.</i>
Lorraine, Lorenzo Lee,	1 Gen. Sci.	<i>Philipsburg, Pa.</i>
Luscomb, Henry Martin,	2 Mech. Engin.	<i>Bridgeport, Conn.</i>
MacBride, Jamie D.	S. Mech. Engin.	<i>Arlington Heights.</i>
McCaffrey, Charles Francis,	3 Chem.	<i>Somerville.</i>
M'Coy, George Madison, Jr.	S. Chem.	<i>Melrose.</i>
MacDonald, Wm. Henry Vincent,	S. Arch.	<i>Fall River.</i>
McElligott, James John Thomas,	1 Civ. Engin.	<i>Charlestown.</i>
McGrath, William Henry,	1 Elec. Engin.	<i>Quincy.</i>
McLaughlin, Frederick Leo,	1 Geol.	<i>Chicago, Ill.</i>
McLean, George Samuel Read,	1 Arch.	<i>No. Cambridge.</i>
McMurtry, George Gibson, Jr.	2 Geol.	<i>Allegheny City, Pa.</i>
McNary, Charles Herbert,	2 Elec. Engin.	<i>Cambridge.</i>
McNaught, Roy Hyde,	1 Geol.	<i>New York, N. Y.</i>
McNeil, Howard Crichton,	1 Gen. Sci.	<i>Elgin, Ill.</i>
Maniere, George,	2 Mech. Engin.	<i>Chicago, Ill.</i>
Marshall, John Francis,	2 Mech. Engin.	<i>Cambridge.</i>
Martin, Kenneth McGeoch,	1 Gen. Sci.	<i>Milwaukee, Wis.</i>
Marvin, Joseph Edward,	S. Sci. T.	<i>Bridgeport, Conn.</i>
Mason, Albert Gardner,	1 Gen. Sci.	
Mason, Phillip Dana, A. B. 1897,	S. Arch.	<i>Boston.</i>
Masza, Robert Falconer, A. B. ( <i>Oberlin Coll.</i> ) 1895,	4 Mech. Engin.	<i>Kansas City, Mo.</i>

Mayhew, Osgood Norton,	S. Gen. Sci.	<i>No. Tisbury.</i>
Meader, Herman Lee,	3 Arch.	<i>New Orleans, La.</i>
Meadowcroft, William,	S. Civ. Engin.	<i>Cambridge.</i>
Mercure, George T, Johns,	S. Arch.	<i>Rutland, Vt.</i>
Meyer, Albert Richard,	S. Elec. Engin.	<i>Brookline.</i>
Michelson, Albert,	1 Mech. Engin.	<i>New York, N. Y.</i>
Millard, Jean Sears,	S. Hyg.	<i>Stamford, Conn.</i>
Mills, Edwin Walter,	1 Mining,	<i>Roxbury.</i>
Mills, Nathaniel Child,	S. Civ. Engin.	<i>Malden.</i>
Mills, Samuel Frederic,	1 Geol.	<i>Cambridge.</i>
Miskell, Thomas Lawrence,	S. Hyg.	<i>Brookline.</i>
Moeller, Edward Heine,	S. Arch.	<i>Buffalo, N. Y.</i>
Moline, Charles,	2 Hyg.	<i>Sunderland.</i>
Montague, Samuel Skerry, s.b. 1897,	5 Mech. Engin.	<i>Oakland, Cal.</i>
Moore, Henry Bailey,	2 Elec. Engin.	<i>Yonkers, N. Y.</i>
Moore, Philip Hooper,	1 Mech. Engin.	<i>Newtonville.</i>
Moore, Ralph Spencer,	1 Mech. Engin.	<i>Cambridge.</i>
Morrill, Henry Heywood,	1 Gen. Sci.	<i>New York, N. Y.</i>
Morse, Arthur Holmes,	1 Mech. Engin.	<i>Oxford, Me.</i>
Mortland, Walter Guy,	S. Mining,	<i>Allegheny City, Pa.</i>
Moses, Herbert Wallis,	2 Elec. Engin.	<i>Chelsea.</i>
Moulton, John Babcock,	3 Chem.	<i>Boston.</i>
Mowll, William Luther,	2 Arch.	<i>Cambridge.</i>
Moyer, James Ambrose,	3 Elec. Engin.	<i>Norristown, Pa.</i>
Moynahan, Thomas Vincent,	1 Chem.	<i>Cambridge.</i>
Nash, Howard Patterson,	S. Elec. Engin.	<i>Ridgefield, Conn.</i>
Nason, Robert Bray,	1 Mining,	<i>Brownville, Me.</i>
Nazro, William Edward Coffin, B. A. S., 1897,	S. Arch.	<i>Dorchester.</i>
Neal, George Franklin,	S. Mining,	<i>Brockton.</i>
Newlin, William Bleecker,	1 Elec. Engin.	<i>Fishkill-on-Hudson,</i>
Nichols, Melville Terry,	1 Civ. Engin.	<i>Haverhill. [N. Y.]</i>
Norton, Clifford,	2 Civ. Engin.	<i>Everett.</i>
Nute, Albert James,	2 Hyg.	<i>Dorchester.</i>
Oglesby, John Dean Gillett,	2 Hyg.	<i>Elkhart, Ill.</i>
Page, John Hickok,	2 Mech. Engin.	<i>Rutland, Vt.</i>
Paige, John Edwards,	1 Mech. Engin.	<i>Southbridge.</i>
Parker, Gurdon Saltonstall,	2 Arch.	<i>Cambridge.</i>
Parker, Walter Adams,	1 Geol.	<i>Brookline.</i>
Parker, William Stanley,	3 Arch.	<i>Longwood.</i>
Pearce, Arthur Cushing,	2 Hyg.	<i>Somerville.</i>
Perham, David,	1 Arch.	<i>Chelmsford.</i>

Peyton, Hamilton Howe,	1 Elec. Engin.	<i>Duluth, Minn.</i>
Phillips, John Charles,	3 B. & Z.	
Pierce, Edward Abbe,	S. Hyg.	<i>New Bedford.</i>
Pigneron, William Golder,	S. Arch.	<i>New York, N. Y.</i>
Piper, Harry Lyman,	S. B. & Z.	<i>Fitchburg.</i>
Poole, Harry Lawrence,	S. Hyg.	<i>Beverly.</i>
Pope, Frederick,	S. Elec. Engin.	<i>Cambridge.</i>
Porter, Augustus Granger,	S. Civ. Engin.	<i>Niagara Falls, N. Y.</i>
Prall, Ralph Taylor,	S. Mech. Engin.	<i>Cleveland, O.</i>
Presby, George Watson,	1 Mech. Engin.	<i>Waltham.</i>
Procter, John Robert, Jr.	4 Arch.	<i>Washington, D. C.</i>
Proctor, Thomas Emerson, A. B.		
1895,	S. Arch.	<i>Boston.</i>
Pruyn, Edward Lansing,	2 B. & Z.	<i>Albany, N. Y.</i>
Pultz, John Leggett,	1 Gen. Sci.	<i>New York, N. Y.</i>
Purinton, Frank Howard,	3 Arch.	<i>Boston.</i>
Quayle, George Harland,	S. Gen. Sci.	<i>Cleveland, O.</i>
Rawle, Francis, Jr.	S. Gen. Sci.	<i>Philadelphia, Pa.</i>
Reed, Frank Nutting,	1 Mech. Engin.	<i>Cambridge.</i>
Rice, Arthur Waldo,	S. Geol.	<i>Boston.</i>
Rich, Walter Sears.	4 Civ. Engin.	<i>Boston.</i>
Richards, George Lawrence,	S. Civ. Engin.	<i>New York, N. Y.</i>
Richards, Oliver Filley,	2 Gen. Sci.	<i>St. Louis, Mo.</i>
Rieman, Paul Edward,	2 Sci. T.	
Ring, Henry Constant,	4 Arch.	<i>Winthrop Highl'ds.</i>
Robbins, Henry Chandler,	S. Arch.	<i>Woodford, Me.</i>
Robinson, Arthur Weeks,	1 Gen. Sci.	<i>Baltimore, Md.</i>
Robinson, Frank Duane,	3 Mech. Engin.	<i>Oneonta, N. Y.</i>
Robinson, George Avery,	2 Arch.	<i>Anchorage, Ky.</i>
Robinson, John Kelly,	1 Gen. Sci.	<i>Baltimore, Md.</i>
Robinson, Porter Osgood,	2 Mech. Engin.	<i>Cambridge.</i>
Robinson, Thomas Russell,	1 Arch.	<i>Dedham.</i>
Roche, James Thomas, Jr.	2 Mech. Engin.	<i>Worcester.</i>
Rockwell, Albert John,	2 Gen. Sci.	<i>Warren, Pa.</i>
Roloson, Robert Marshall,	1 Gen. Sci.	<i>Chicago, Ill.</i>
Ross, John McCombs,	1 Gen. Sci.	<i>Cleveland, O.</i>
Ross, Wayland,	S. Gen. Sci.	<i>Cambridge.</i>
Rotch, William, Jr.	1 Elec. Engin.	<i>Jamaica Plain.</i>
Rothschild, Monroe Reese,	1 Gen. Sci.	<i>Chicago, Ill.</i>
Roughan, Robert,	1 Sci. T.	<i>Charlestown.</i>
Ruland, Norman McL.	2 Gen. Sci.	<i>Brooklyn, N. Y.</i>
Rumery, Ralph Rollins,	2 Civ. Engin.	<i>Cambridge.</i>
Rust, Nathaniel Johnson, Jr.	1 Gen. Sci.	<i>Boston.</i>

Ryan, Michael Healy,	3	Civ. Engin.	<i>Lynn.</i>
Sanborn, James Forrest,	3	Mining,	<i>Cambridgeport.</i>
Sanborn, Robert Alden,		S. Chem.	<i>Malden.</i>
Sawin, George Albert,	1	Elec. Engin.	<i>Cambridge.</i>
Scammell, John Kimball, s.B. ( <i>McGill Univ.</i> )	4	Civ. Engin.	<i>St. John, N. B.</i>
Shannon, John Francis,	S.	Hyg.	<i>Boston.</i>
Shapleigh, Rogers Wentworth,	1	Chem.	<i>Newton.</i>
Shaughnessy, Charles Stephen,	2	Civ. Engin.	<i>Ashland.</i>
Sheldon, Arthur Noyes,	2	Mech. Engin.	<i>Providence, R. I.</i>
Shertz, Tyrrell Bradbury,	2	Civ. Engin.	<i>Baltimore, Md.</i>
Sherwin, Robert Waterston,	2	Elec. Engin.	<i>Jamaica Plain.</i>
Shore, Howard Everett,	2	Civ. Engin.	<i>Philadelphia, Pa.</i>
Singer, Sidney Kent,	1	Chem.	<i>Chicago, Ill.</i>
Slocum, Curlys Lyon,	3	Civ. Engin.	<i>New London, Conn.</i>
Smith, Albert Ross, .	2	Mech. Engin.	<i>Chelsea.</i>
Smith, Myron Davis,	1	Civ. Engin.	<i>Gloucester.</i>
Smith, William Horace,	1	Geol.	<i>Brookline.</i>
Smoot, Charles Head,	2	Elec. Engin.	<i>Windsor, Vt.</i>
Somes, John Edward, Jr.	1	Arch.	<i>Gloucester.</i>
Spalding, Roger,	4	Hyg.	<i>Cambridge.</i>
Stevens, Charles Goold,	S.	Hyg.	<i>Lynn.</i>
Stevens, Edward Winslow,	3	Mech. Engin.	<i>Cambridge.</i>
Stevens, Samuel Barron,	3	Gen. Sci.	<i>Rome, N. Y.</i>
Stevens, Sidney,	2	Mech. Engin.	<i>Ludlow.</i>
Story, Arthur Earl,	1	Arch.	<i>Norwich, Conn.</i>
Sturgis, Arthur,	2	Elec. Engin.	<i>New York, N. Y.</i>
Swan, Carroll Judson,	1	Gen. Sci.	<i>Brooklyn, N. Y.</i>
Symonds, Harvey Danforth,	1	Civ. Engin.	<i>Phoenix, Ariz.</i>
Taggart, Howard Ward,	3	Mech. Engin.	<i>So. Orange, N. J.</i>
Talbot, Charles Nicoll, Jr.	3	Gen. Sci.	<i>New York, N. Y.</i>
Tayler, Cecil Hamelin,	1	Mining,	<i>Philadelphia, Pa.</i>
Taylor, Brainerd,	1	Hyg.	<i>Newtonville.</i>
Taylor, George Robert,	2	Elec. Engin.	<i>Youngstown, O.</i>
Taylor, Ralph Slater,	1	Mech. Engin.	<i>Melrose Highlands.</i>
Taylor, William Hart,	S.	Arch.	<i>Chelsea.</i>
Terbush, Myron Emmet,	2	Elec. Engin.	<i>Owego, N. Y.</i>
Thayer, Cranston Swift,	2	Elec. Engin.	<i>Cambridge.</i>
Thomas, Egbert Eldridge,	1	Gen. Sci.	<i>Highland Falls, N. Y.</i>
Thomson, Clarke,	3	Civ. Engin.	<i>Merion Station, Pa.</i>
Tozier, Charles Herman,	4	Hyg.	<i>Somerville.</i>
Tucker, Herman Franklin,	1	Civ. Engin.	<i>Weston.</i>
Vanderbilt, William Kissam, Jr.	1	Geol.	<i>New York, N. Y.</i>



Vaughan, Frank Apthorp,	3	Mech. Engin.	<i>Cambridge.</i>
Vaux, Henry Pepper,	1	Gen. Sci.	<i>Pennlyn, Pa.</i>
Verveer, Emanuel,	4	Civ. Engin.	<i>Boston.</i>
Walker, Alexander Stewart,	2	Arch.	<i>Chicago, Ill.</i>
Wallace, Henry Whitney,	S.	Mech. Engin.	<i>Steubenville, O.</i>
Ward, Harry C,	3	Elec. Engin.	<i>Greenfield, Tenn.</i>
Wardwell, Frank Wellington, Jr.	1	Gen. Sci.	<i>Cleveland, O.</i>
Wardwell, Louis Edward,	1	Hyg.	<i>Cambridge.</i>
Ware, John,	3	Civ. Engin.	<i>E. Milton.</i>
Warren, Leicester,	1	Gen. Sci.	<i>Cambridge.</i>
Waterman, John Slater,	4	Hyg.	<i>E. Greenwich, R. I.</i>
Watson, Ralph Hopkins,	2	Mining,	<i>W. Somerville.</i>
Watson, Robert Henderson,	S.	Gen. Sci.	<i>Allegheny City, Pa.</i>
Wead, Harold Kasson,	1	Mech. Engin.	<i>Brookline.</i>
Webster, Ira Gilbert,	S.	Mech. Engin.	<i>New Albany, Ind.</i>
Wells, James Ogdan,	2	Elec. Engin.	<i>St. Joseph, Mich.</i>
White, DeLancy Pierrepont,	1	Gen. Sci.	<i>Utica, N. Y.</i>
White, Richard Albert, s.b. ( <i>Kentucky Univ.</i> ) 1895,	3	Elec. Engin.	<i>Cove City, Ky.</i>
White, William Tillson,	1	Arch.	<i>Rockland, Me.</i>
Whitfield, Henry Davis,	4	Arch.	
Whitman, Clarence Morton,	2	Gen. Sci.	<i>Kotonah, N. Y.</i>
Whitney, George Brackett,	2	Mech. Engin.	<i>Newton.</i>
Whiton, Herbert Starkes,	1	Mech. Engin.	<i>Hingham Centre.</i>
Whittemore, Wyman,	1	Geol.	<i>New Bedford.</i>
Whittier, Edward James,	1	Mech. Engin.	<i>Boston.</i>
Whorf, Stephen Cook,	2	Mech. Engin.	<i>Provincetown.</i>
Wilcock, Frederick,	2	Mining,	<i>Brooklyn, N. Y.</i>
Wilder, Frederick Mason,	2	Mining.	<i>Cambridge.</i>
Willcutt, Joseph Nicholas,	S.	Arch.	<i>Cohasset.</i>
Williams, Charles Hoyt,	2	Elec. Engin.	<i>Buffalo, N. Y.</i>
Williams, David Lawrence,	S.	Hyg.	<i>Boston.</i>
Williams, Hermann Warner,	2	Arch.	<i>Boston.</i>
Williams, Simon Everard, PH.G. ( <i>N. Y. Coll. of Pharmacy</i> ),	S.	Chem.	<i>Mt. Vernon, N. Y.</i>
Williams, Sydney Stewart,	1	Gen. Sci.	<i>Chicago, Ill.</i>
Wilson, Louis Thornton,	2	Hyg.	<i>Worcester.</i>
Wilson, Ralph Graham,	2	Gen. Sci.	<i>Germantown, Pa.</i>
Winslow, Harold,	1	Hyg.	<i>New London, Conn.</i>
Wolbach, Edwin Joseph,	2	Chem.	<i>Grand Island, Neb.</i>
Wolbach, Simeon B,	1	Gen. Sci.	<i>Grand Island Neb.</i>
Wood, John William, Jr.	4	Mech. Engin.	<i>Cambridge.</i>
Wood, Sabine Wallingford,	S.	Arch.	<i>Bangor, Me.</i>

Woods, Charles Royal,	1	Elec. Engin.	<i>Cambridge.</i>
Woolsey, Lester Hood,	1	Chem.	<i>Stone Ridge, N. Y.</i>
Wright, Augustus Edward,	1	Arch.	<i>Fayetteville.</i>
Wright, Moses Hannibal, A.B., 1897,	4	Civ. Engin.	<i>Louisville, Ky.</i>
Wright, Reuben Irving,	2	Elec. Engin.	<i>Denison, Tex.</i>

## SUMMARY.

FIFTH YEAR STUDENTS . . . . .	1
FOURTH " " . . . . .	36
THIRD " " . . . . .	44
SECOND " " . . . . .	106
FIRST " " . . . . .	132
SPECIAL " " . . . . .	91
Total . . . . .	410

CIVIL ENGINEERING . . . . .	44
ELECTRICAL ENGINEERING . . . . .	47
MECHANICAL ENGINEERING . . . . .	70
MINING AND METALLURGY . . . . .	17
ARCHITECTURE . . . . .	54
CHEMISTRY . . . . .	20
GEOLOGY . . . . .	25
BOTANY AND ZOOLOGY . . . . .	13
GENERAL SCIENCE . . . . .	73
SCIENCE FOR TEACHERS . . . . .	11
ANATOMY, PHYSIOLOGY, AND PHYSICAL TRAINING . . . . .	36
Total . . . . .	410

# THE GRADUATE SCHOOL.

## RESIDENT STUDENTS.

Each student is referred, in the following list, to the department or field of study in which his work mainly lies.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.
Alder, Eugene Charles, A.B. ( <i>Univ. of Kansas</i> ) 1897, A.M. ( <i>ibid.</i> ) 1897. I yr.	<i>Lawrence, Kan.</i>	12 Howland St. German.
Aldrich, Morton Arnold, A.B. 1895, Ph.D. ( <i>Univ. of Halle, Germany</i> ) 1897. I yr. Rogers Memorial Fellow. Economics.	<i>Boston,</i>	T. 24. Henry Bromfield
Allen, Joseph Dana, A.B. ( <i>Univ. of Vermont</i> ) 1893, A.M. ( <i>Harvard Univ.</i> ) 1897. DeLancey School, Philadelphia. Assistant in History. Proctor. II yr. History.	<i>Burlington, Vt.</i>	Hilton 4. Instructor, 1894-96.
Ames, Leroy Allston, A.B. 1896. Teacher at the Browne and Nichols School, Cambridge. II yr. Education and Teaching.	<i>Spencer,</i>	Trinity 9.
Amidon, Lee Earle, A.B. ( <i>Univ. of Michigan</i> ) 1892. Superintendent of Schools, 1892-97, West Bend, Wis. I yr. History and Government, Education and Teaching.	<i>Cambridge,</i>	67 Oxford St.
Andrew, John Charles States, A.B. 1896. Assistant in History. II yr. History and Government.	<i>W. Roxbury,</i>	D. 40.
Andrews, Walter Scott, A.B. 1877, LL.B. ( <i>Columbia Univ., N.Y.</i> ) 1883. I yr. Anthropology, Psychology.	<i>New York, N. Y.</i>	Felton 3.
Archibald, Raymond Clare, A.B. ( <i>Mt. Allison Univ., N. B.</i> ) 1894, A.B. ( <i>Harvard Univ.</i> ) 1896, A.M. ( <i>ibid.</i> ) 1897. Teacher, 1894-95, Mt. Allison Ladies' College. II yr. Thayer Scholar. Mathematics.	<i>Halifax, N. S.</i>	362 Harvard St.
Arndt, Walter Tallmadge, A.B. 1897. I yr. History.	<i>De Pere, Wis.</i>	S. 17.
Bancroft, Frank Watts, S.B. ( <i>Univ. of California</i> ) 1894, S.M. ( <i>ibid.</i> ) 1896, A.M. ( <i>Harvard Univ.</i> ) 1897. II yr. Morgan Fellow. Zoölogy and Physiology.	<i>Walnut Creek, Cal.</i>	11 Francis Ave.
Bancroft, Hugh, A.B. 1897. I yr. Engineering.	<i>Cambridge,</i>	5 Putnam Ave.

- Barber, Franklin, *Fort Edward, N. Y.* 61 Oxford St.  
A.B. (*Westeyan Univ., Conn.*) 1893, A.M. (*ibid.*) 1897. Teacher of Physics, 1893-96,  
Middletown High School, Conn. I yr. University Scholar. Mathematics.
- Barber, Harry Gardner, *Lincoln, Neb.* 11 Francis Ave.  
A.B. (*Univ. of Nebraska*) 1893, A.M. (*ibid.*) 1895. Teacher, 1895-97, Nebraska  
City High School. I yr. Virginia Barret Gibbs Scholar. Zoölogy.
- Barnwell, Charles Heyward, *Columbia, S. C.* G. 36.  
A.B. (*South Carolina Coll.*) 1887, A.M. (*ibid.*) 1888, A.M. (*Harvard Univ.*) 1893.  
Professor of English, 1894-97, Hollins Institute, Va. III yr. Shattuck Scholar.  
Modern Languages.
- Bass, Willard Streeter, *Wilton, Me.* 48 Mt. Auburn St.  
A.B. (*Bondoin Coll., Me.*) 1896. Assistant Teacher, 1896-97, Wilton Academy.  
I yr. Physics, Education and Teaching.
- Baxter, Gregory Paul, *Somerville,* 27 Warren Ave.,  
A.B. 1896, A.M. 1897. Instructor in Chemistry. II yr. [Somerville].  
Chemistry.
- Bell, William Warren, *Roxbury,* T. 57.  
A.B. 1897. Assistant in History. I yr. History and Government.
- Benedict, George Wyllys, *Burlington, Vt.* Hilton 4.  
A.B. (*Univ. of Vermont*) 1893. Student, *Univ. of Freiburg-im-Br., Germany.*  
1895-96, A.M. (*Harvard Univ.*) 1897. Instructor, 1893-95, Phillips Academy,  
Andover. Proctor. II yr. Edward Russell Scholar. English.
- Benedict, Harry Yandell, *Graham, Tex.* D. 8.  
S. B. (*Univ. of Texas*) 1892, A.M. (*ibid.*) 1893. Assistant in Observatory, 1893-95,  
University of Virginia. III yr. Thayer Scholar. Mathematics.
- Benshimol, Max, *Cambridge,* 48 Highland Ave.  
A.B. 1895, A.M. 1896. Teacher, Cambridge Latin School. III yr. *Classica*  
Philology.
- Berle, Theodore Protas, *St. Louis, Mo.* D. 6.  
A.B. (*Oberlin Coll., O.*) 1890, A.M. (*ibid.*) 1893, D.B. (*Andover Theol. School*)  
1893, A.M. (*Harvard Univ.*) 1896. II yr. Government.
- Bill, Clarence Powers, *Cleveland, O.* 90 Brattle St.  
A.B. (*Adelbert Coll. of Western Reserve Univ., O.*) 1894, A.M. (*Western Reserve*  
*Univ., O.*) 1895, A.M. (*Harvard Univ.*) 1896. III yr. Morgan Fellow.  
Classical Philology.
- Billings, Frederick Horatio, *Los Angeles, Cal.* 21 Wendell St.  
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1896, A.M. (*Harvard Univ.*) 1897. Asst.  
Professor, 1892-94, Pomona College, Cal. II yr. Thayer Scholar. Botany.
- Black, Otis Fisher, *Cambridge,* 10 Avon St.  
A.B. 1891, A.M. (*Northwestern Univ., Ill.*) 1894. Fellow in Chemistry, 1893-94,  
Northwestern University. Assistant in Chemistry. III yr. Chemistry.
- Blankinship, Joseph William, *Cambridge,* 28 Mt. Auburn St.  
A.B. (*Drury Coll., Mo.*) 1889, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1896.  
Professor of Science, 1892-93, Hesperian College, Woodland, Cal. Assistant  
in the Botanical Museum. IV yr. Botany.

- Bonner, Campbell, *Nashville, Tenn.* 30 Irving St.  
A.B. (*Vanderbilt Univ., Tenn.*) 1896, A.M. (*ibid.*) 1897. Teaching Fellow,  
1896-97, at Vanderbilt University. I yr. University Scholar. Classical Phil-  
ology.
- Boynnton, Percy Holmes, *Newton Centre,* Langley Road, New-  
A.B. (*Amherst Coll.*) 1897 I yr. English. [ton Centre.
- Breed, Walter Russell, *Quincy,* Christ Church Rectory,  
S.B. (*Wesleyan Univ., Conn.*) 1887, Grad. *Episcopal Theological* [Quincy.  
*School, Cambridge,* 1890. Rector of Christ Church, Quincy. I yr. Philosophy.
- Breese, Burtis Burr, *Reece, Kans.* 12 Howland St.  
A.B. (*Univ. of Kansas*) 1896, A.B. (*Harvard Univ.*) 1897. Superintendent of  
Schools, 1892-94, Halstead, Kans. Assistant in Psychological Laboratory. I yr.  
University Scholar. Psychology.
- Brooks, Neil Conwell, *Kansas City, Mo.* H'ke 33.  
A.B. (*Univ. of Kansas*) 1890, A.M. (*Harvard Univ.*) 1896. Principal, 1893-95,  
Paola High School, Kans. Instructor in German. Proctor. III yr. Germanic  
Philology.
- Brown, Harrison Hitchcock, *Palmer,* 54 Hammond St.  
A.B. (*Amherst Coll.*) 1889, A.M. (*Harvard Univ.*) 1895. Instructor, 1890-94,  
Riverview Academy, Poughkeepsie, N. Y. IV yr. John Tyndall Scholar.  
Physics.
- Brun, Alphonse, *Cambridge,* 24 Bigelow St.  
Bach. ès-lettres et ès-science (*Académie de Besançon, France*) 1878. Instructor  
in French. II yr. Romance Languages and Literature.
- Bryant, Arthur Alexis, *Egypt,* 44 Amory St.  
A.B. 1897. I yr. University Scholar. Classical Philology.
- Buck, William Bradford, *Kalamazoo, Mich.* C. 28.  
A.B. (*Albion Coll., Mich.*) 1895, A.M. (*ibid.*) 1896, A.B. (*Harvard Univ.*) 1896.  
III yr. History and Philosophy.
- Buckman, George, *Penn Valley, Pa.* W. 10.  
S.B. 1897. I yr. Geology.
- Bullard, Francis, *Boston,* 3 Commonwealth  
A.B. 1886. II yr. History. [Ave., Boston.
- Burbank, John Emerson, *Strong, Me.* 23 Everett St.  
A.B. (*Bowdoin Coll., Me.*) 1896, A.M. (*ibid.*) 1897. Assistant in Physics, 1896-97,  
Bowdoin College. I yr. William Whiting Fellow. Physics.
- Bush, Wendell T, *Brooklyn, N. Y.* 23 Hammond St.  
A.B. (*Brooklyn Polytechnic Inst., N. Y.*) 1890. IV yr. Philosophy and  
History.
- Bushée, Frederick Alexander, *Northwood Centre, N. H.* 7 Wendell St.  
Litt.B. (*Dartmouth Coll., N. H.*) 1893. I yr. University Scholar. Economics.
- Cabell, Sears Wilson, *College Corner, O.* 29 Wendell St.  
A.B. (*Miami Univ., O.*) 1895, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897.  
III yr. Classical Philology.

- Cabot, Richard Clarke, *Boston*, 190 Marlborough St.,  
A.B. 1889, M.D. 1892. Physician to Charring Home. I yr. [Boston.  
Philosophy.
- Cairns, William Deweese, *Troy, O.* 16 Howland St.  
A.B. (*Ohio Wesleyan Univ.*) 1892, A.B. (*Harvard Univ.*) 1897. Teacher, 1894-96,  
Troy High School. I yr. Shattuck Scholar. Mathematics.
- Calhane, Daniel Francis, *Haverhill*, 58 Moore St.,  
A.B. 1894, A.M. 1896. Teacher, 1896-97, Garland School, [Haverhill.  
Concord. II yr. Chemistry.
- Campbell, Donald Frank, *East River, N. S.* 13 Remington St.  
A.B. (*Dalhousie Univ., N. S.*) 1890, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*)  
1895. Principal, 1891-93, Farrisboro' High School, N. S. Instructor in Mathe-  
matics. IV yr. Mathematics.
- Carr, Edward Parish, *Durham, N. C.* 1697 Cambridge St.  
A.B. (*Univ. of North Carolina*) 1896, A.B. (*Harvard Univ.*) 1897. I yr.  
Philosophy.
- Cestre, Charles, *Auzerre, France*, 13 Kirkland Pl.  
Bach. ès-lettres (*Faculté des Lettres de Paris, France*) 1899, Licencié-ès-lettres  
(*ibid.*) 1893, Agrégé d'Anglais (*ibid.*) 1895, A.M. (*Harvard Univ.*) 1897.  
Teacher of English, 1895-96, Collège Sainte-Barbe, Paris. Holds a Travelling  
Fellowship from the French Ministry of Public Instruction. Instructor in  
French. II yr. English.
- Chamberlain, Arthur Hale, *Portland, Me.* 1683 Cambridge St.  
A.B. (*Brown Univ., R. I.*) 1897. Instructor in Rhetoric, 1896-97, Brown Uni-  
versity. I yr. English.
- Chenery, Winthrop Holt, *Belmont*, H. 22.  
S.B. (*Massachusetts Inst. of Technology*) 1896. I yr. Germanic and Romance  
Languages.
- Coar, John Firman, *Cambridge*, 81 Oxford St.  
Abiturient, *Kaiser-Wilhelm Gymnasium Cologne, Prussia* 1884, Student, *Bonn  
Univ.*, 1884-85, A.M. (*Harvard Univ.*) 1897. Instructor in German. II yr.  
Germanic Philology.
- Cogswell, Edward Russell, Jr. *Cambridge*, 61 Kirkland St.  
A.B. 1897. I yr. History, Economics, Botany.
- Cole, Charles Nelson, *Donnellson, Ill.* 48 Mt. Auburn St.  
A.B. (*Illinois Wesleyan Univ.*) 1894, A. M. (*Univ. of Illinois*) 1897. Instructor  
in Classics, 1895-97, Preparatory School, University of Illinois. I yr. Classi-  
cal Philology.
- Cole, Wilfred George Garnet, *Cambridgeport*, 3 Highland Park.  
A.B. 1897. Assistant in Classics. I yr. Classical Philology.
- Coleman, Silas Ellsworth, *Glendale, Cal.* 4 Carver St.  
S.B. (*Univ. of California*) 1896. Student Assistant in Physics, 1894-95, Univer-  
sity of California. II yr. William Whiting Fellow. Physics and Mathematics.
- Collins, Edward, Jr. *Dorchester*, 985 Adams St.,  
S.B. (*Massachusetts Inst. of Technology*) 1888. Instructor, [Dorchester.  
1888-94, in Physics, Massachusetts Institute of Technology. IV yr.  
Chemistry.

- Colpitts, Edwin Henry, *Point de Bute, N. B.* 5 Linden St.  
A.B. (*Mt. Allison Univ., N. B.*) 1893, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897. Assistant in Physics. Proctor. II yr. Physics and Mathematics.
- Cone, Ralph Waldo, *Seneca, Kans.* Hilton 23.  
A.B. (*Univ. of Kansas*) 1895, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897. Assistant in Economics, 1896-97. Proctor. II yr. University Scholar. Economics and History.
- Coues, Robert Wheaton, *Cambridge,* 104 Mt. Auburn St.  
A.B. 1895, A.M. 1896. II yr. Modern Languages.
- Crawford, Lewis Ferandus, *Wagoner, Mo.* 10 Ashton Pl.  
S.D.B. (*State Normal, Warrensburg, Mo.*) 1893, Senior, *Harvard Coll.*, 1896-97. Principal, 1893-95, Osceola Schools, Mo. I yr. History.
- Curtis, Benjamin Robbins, *Cambridge,* H'y 13.  
*Harvard Coll.*, 1894-97. On leave of absence from Senior Class. I yr. Philosophy.
- Cushing, Walter Howard, *Medford,* 30 Otis St., Medford.  
A.B. 1893. Teacher of History, Medford High School. I yr. History.
- Cushman, Allerton Seward, *St. Louis, Mo.* Prescott 13.  
S.B. (*Worcester Polytechnic Inst.*) 1888. Instructor in Chemistry, 1892-96, Washington University, St. Louis. II yr. John Harvard Fellow. Chemistry.
- Davis, Frederick Augustus, *Salem,* 162 Boylston St.,  
S.B. (*Massachusetts Agricultural Coll.*) 1887, M.D. (*Harvard Univ.*) 1891. I yr. Modern Languages. [Boston.]
- Dearborn, George Van Ness, *Nashua, N. H.* 15 Union Park,  
Litt.B. (*Dartmouth Coll., N. H.*) 1890, M.D. (*Columbia Univ., N. Y.*) 1893, A.M. (*Harvard Univ.*) 1896. Assistant in Philosophy, 1896-97. III yr. University Scholar. Psychology. [Boston.]
- Dennis, William Cullen, *Richmond, Ind.* 1750 Cambridge St.  
A.B. (*Earlham Coll., Ind.*) 1896, A.B. (*Harvard Univ.*) 1897. I yr. History, Government, Economics.
- Dixon, Roland Burrage, *Boston,* W. H. 58.  
A.B. 1897. Assistant in Anthropology. I yr. American Archaeology and Ethnology.
- Douglas, Edwin Rust, *Cambridge,* 54 Hammond St.  
M.E. (*Stevens Inst. of Technology, N. J.*) 1893. Assistant in Physics. III yr. Physics.
- Douglass, Moses Hale, *Newton Highlands,* 49 Bowdoin St.,  
A.B. (*Hobart Coll., N. Y.*) 1892, A.B. (*Harvard Univ.*) 1897. I yr. English. [Newton Highlands.]
- Dow, John Winthrop, *Claremont, N. H.* Craigie 503.  
A.B. 1897. Assistant in Chemistry. I yr. Chemistry.
- Eames, Frederick Marshall, *Albany, N. Y.* 56 Trowbridge St.  
E.B. (*Union Coll., N. Y.*) 1895. Teacher, 1895-96, York Collegiate Inst., Pa. I yr. Physics.

- Eaton, Horace Ainsworth, *Cambridge*, 20 Elmwood Ave.  
A.B. 1893, A.M. 1897. Master, 1895-96, Miss Vinton's Preparatory School, Pomfret,  
Conn. II yr. English.
- Eaton, Hal Roscoe, *Auburn, Me.* 20 Mellen St.  
A.B. (*Bates Coll., Me.*) 1896. I yr. French and German.
- Edwards, Harold, *Boston*, 108 Mt. Vernon St.,  
A.B. 1896. II yr. William Whiting Fellow. Physics. [Boston.]
- Eliason, Adolph Oscar, *Montevideo, Minn.* D. 34.  
Litt.B. (*Univ. of Minnesota*) 1896, A.B. (*Harvard Univ.*) 1897. I yr. Economics.
- Engel, Elmer Franklin, *Lawrence, Kans.* 109 Ellery St.  
A.B. (*Univ. of Kansas*) 1892. Assistant in German, University of Kansas, on  
leave of absence. I yr. German.
- Fay, Sidney Bradshaw, *Washington, D. C.* H. 5.  
A.B. 1896, A.M. 1897. Assistant in History. II yr. History and Government.
- Fish, Carl Russell, *Providence, R. I.* 65 Hammond St.  
A.B. (*Brown Univ., R. I.*) 1897. I yr. History.
- Fiske, George Converse, *Dorchester*, T. 44.  
A.B. 1894, A.M. 1897. Teacher of Latin and English, 1894-96, Belmont School,  
Belmont. II yr. Shattuck Scholar. Classical Philology.
- Fiske, Winthrop Edwards, *Lowell*, 67 Highland Ave.  
A.B. 1890, A.M. 1896. Instructor, 1891-93, Racine College Grammar School,  
Wis. Assistant in Physics. IV yr. Physics.
- Flaherty, Matthew James, *So. Boston*, 606 Fourth St., So.  
A.B. (*Boston Coll.*) 1885. I yr. Philosophy (Socialism). [Boston.]
- Fletcher, Robert Huntington, *Hanover, N. H.* 20 Mellen St.  
A.B. (*Dartmouth Coll., N. H.*) 1896. Instructor in Latin and Greek, 1896-97,  
Susquehanna Collegiate Institute, Towanda, Pa. I yr. English.
- Folsom, Justus Watson, *Cambridge*, 51 Porter Road.  
S.B. 1895. III yr. Zoölogy.
- Ford, Walter Burton, *Oneonta, N. Y.* 9 De Wolfe St.  
A.B. 1897. I yr. Mathematics.
- Foster, Benjamin Oliver, *Washington, D. C.* Windsor Road,  
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1895, A.M. (*Harvard Univ.*) 1897. III yr. Thayer Scholar. Classical Philology. [Brookline.]
- Fountain, Charles Perkins, *Bryan, Tex.* 14 Mellen St.  
*Howard Coll., Ala.*, 1874-76, Grad., *Southern Baptist Theological Seminary,*  
*Ky.*, 1880. Teacher, English, Latin, and Greek, 1890-97, Baylor Female College,  
Belton, Texas. I yr. English.
- Frizell, Arthur Bowes, *Dorchester*, 75 Linden St., Dorchester.  
A.B. 1893. Instructor, 1895-96, in Mathematics, University of the City of New  
York. Instructor in Mathematics. IV yr. Mathematics.
- Frye, Alexis Everett, *Highlands, Cal.* 52 Pinckney St.,  
LL.B. 1890, A.M. 1897. Superintendent of Schools, 1901-03, [Boston.]  
San Bernadino, Cal. II yr. Geology.



- Fuller, Harold De Wolf, *Cleveland, O.* 61 Oxford St.  
A.B. (*Adelbert Coll. of Western Reserve Univ., O.*) 1897. I yr. English.
- Fuller, Robert Warren, *Boston,* G. 14.  
A.B. 1897. I yr. Assistant in Chemistry. Chemistry.
- Galloway, Thomas Walton, *Marshall, Mo.* 42 Bigelow St.  
A.B. (*Cumberland Univ., Tenn.*) 1887, A.M. (*ibid.*) 1889, Ph.D. (*ibid.*) 1892, A.M. (*Harvard Univ.*) 1890. Professor of Biology, Missouri Valley College, on leave of absence. III yr. University Scholar. Zoölogy.
- Garrison, Wilbert Andrew, *Thurmont, Md.* 1709 Cambridge St.  
A.M. (*Heidelberg Univ., O.*) 1893, A.B. (*Harvard Univ.*) 1897. Principal, 1892-95, Academy of Heidelberg University, Tiffin, O. III yr. Mathematics, and Education and Teaching.
- Gaylord, Joseph Searle, *Boston,* 114 W. Springfield  
A.B. (*Knox Coll., Ill.*) 1885, A.M. (*ibid.*) 1888, A.M. (*Harvard Univ., Boston.*) 1896. Associate Professor of Elocution and Oratory, 1894-95, Oberlin College, O. III yr. Philosophy.
- Gazzolo, Frank Henry, *Chicago, Ill.* 22 Trowbridge St.  
Pharm. Grad. (*Chicago Coll. of Pharmacy*) 1893, S.B. (*Univ. of Illinois*) 1896. Assistant in Chemistry. II yr. Chemistry.
- Gentner, Philip Jacob, *Bradford, Pa.* 65 Hammond St.  
Special Student, *Harvard Coll.*, 1892-96. I yr. English.
- George, John Edward, *Braidwood, Ill.* 10 Oxford St.  
Ph.B. (*Northwestern Univ., Ill.*) 1895, A.M. (*Harvard Univ.*) 1897. Instructor, 1895-96, Grand Prairie Seminary, Onarga, Ill. II yr. Robert Treat Paine Fellow. Economics and Government.
- Gerdine, Lynn Van Horn, *West Point, Miss.* 14 Story St.  
A.M. (*Univ. of Georgia*) 1894. II yr. English.
- Gillespie, Walter Hamilton, *Hamilton, Ont.* 65 Hammond St  
A.B. (*Univ. of Toronto, Canada*) 1894, A.M. (*Harvard Univ.*) 1896. II yr. University Scholar. Classical Philology.
- Gleason, George, *Haverhill,* S. 25.  
A.B. 1897. General Secretary, Harvard Y. M. C. A. I yr. Philosophy and Sociology.
- Glover, Leon Otis, *So. Paris, Me,* 17 Bay St.  
A.B. (*Colby Univ., Me.*) 1893. Teacher of Latin and Greek, 1893-97, Ricker Classical Institute, Houlton, Me. I yr. History.
- Goodrich, Chauncey Marsh, *Burlington, Vt.* 16 Mellen St.  
A.B. (*Univ. of Vermont*) 1896. I yr. Psychology.
- Grabau, Amadeus William, *Buffalo, N. Y.* 194 River St.  
S.B. (*Massachusetts Inst. of Technology*) 1896. Instructor in Palaeontology, 1893-97, Massachusetts Institute of Technology, also Assistant in Geology, 1896-97. I yr. Thayer Scholar. Palaeontology.
- Grass, Donald Frederic, *Council Bluffs, Ia.* 14 Shepard St.  
Ph.B. (*Iowa Coll.*) 1894. Teacher of Economics and Civics, 1894-97, Council Bluffs High School. I yr. Economics.

- Gray, Clifton Daggett, *Somerville,* 22 Sturtevant Hall,  
A.B. 1897. I yr. Semitic. [Newton Centre.
- Gray, Howard Levi, *Starkville, N. Y.* 63 Oxford St.  
A.B. (*Univ. of Rochester, N. Y.*) 1897. I yr. Philosophy.
- Griffin, Charles Sumner, *Lawrence, Kans.* G. 43.  
A.B. (*Univ. of Kansas*) 1894, A.B. (*Harvard Univ.*) 1895, A.M. (*ibid.*) 1896.  
Assistant in Political Economy. Proctor. III yr. Economics.
- Grover, Frederick Orville, *Centre Ossipee, N. H.* Read's 24.  
A.B. (*Dartmouth Coll., N. H.*) 1890, A.M. (*ibid.*) 1893, A.B. (*Harvard Univ.*)  
1895, A.M. 1896. Instructor, 1892-94, Western Military Academy, Upper  
Alton, Ill. Assistant in Botany, 1895-96. Proctor. IV yr. Botany.
- Haines, Thomas Harvey, *West Grove, Pa.* 20 Mellen St.  
S.B. (*Haerford Coll., Pa.*) 1896, A.M. (*ibid.*) 1897. Teacher, 1896-97, Westtown  
Boarding School, Pa. I yr. Philosophy.
- Hall, John Galentine, *Lawrence, Kans.* 9 Shepard St.  
A.B. (*Univ. of Kansas*) 1895, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897.  
Assistant in Botany, 1894-95, University of Kansas. Assistant in Botany.  
III yr. Botany.
- Hall, Robert, *Irvington, Ind.* 80 Mellen St.  
A.B. (*Univ. of Indianapolis, Ind.*) 1891, A.M. (*ibid.*) 1893, Ph.D. (*ibid.*) 1896,  
D.B. (*Harvard Univ.*) 1897. Instructor in Latin and History, 1894-96, Uni-  
versity of Indianapolis. I yr. Classical Philology.
- Hall, Robert William, *Cambridge,* 7 Irving Terrace.  
Ph.B. (*Yale Univ.*) 1895, A.B. (*Harvard Univ.*) 1897. Assistant in Zoölogy.  
Proctor. III yr. Zoölogy.
- Harding, Benjamin Fosdick, *Belmont,* Belmont.  
A.B. 1878, A.M. 1880. Head of The Belmont School. II yr. Classical Philology.
- Harris, Thomas Le Grand, *Sheridan, Ind.* 14 Shepard St.  
A.B. (*Indiana Univ.*) 1892, A.M. (*ibid.*) 1895. Principal and Teacher of History  
and English, 1893-96, Greensburg High School, Ind. I yr. University Scholar.  
History.
- Hatch, Louis Clinton, *Bangor, Me.* 11 Mason St.  
A.B. (*Bowdoin Coll., Me.*) 1895, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897.  
III yr. History and Government.
- Haycock, Ernest, *Westport, N. S.* 23 Chester St.,  
A.B. (*Acadia Univ., N. S.*) 1896, A.B. (*Harvard Univ.*) 1897. [Somerville.  
II yr. Townsend Scholar. Geology.
- Hayward, Jonathan Balcom, *Neponset,* Trinity 16.  
A.B. 1897. I yr. University Scholar. Physics and Mathematics.
- Hedrick, Earle Raymond, *Ann Arbor, Mich.* 2 Gorham St.  
A.B. (*Univ. of Michigan*) 1896. Teacher of Mathematics, 1896-97, Sheboygan  
High School, Wis. I yr. Shattuck Scholar. Mathematics.
- Heilig, Frederick, *Reading, Pa.* M. 49.  
A.B. 1897. I yr. Classical Philology.

- Henning, George Neely, *Washington, D. C.* F. 5.  
A.B. 1894. A.M. (*Columbian Univ., D. C.*) 1896. Instructor in French, 1894-97, Columbian University. Assistant in French. I yr. French.
- Hicks, Ralph Burnell Calhoun, *Cambridge,* S. 1.  
A.B. 1896, A.M. 1897. II yr. University Scholar. Sanskrit and Arabic.
- Hinton, Guy, *San Francisco, Cal.* 61 Oxford St.  
Ph.B. (*Univ. of California*) 1895, A.B. (*ibid.*) 1896. I yr. English.
- Hirshberg, Samuel, *Brookline,* 1553 Beacon St.,  
Heb.B. (*Hebrew Union Coll., O.*) 1887, Rabbi (*ibid.*) 1891, [Brookline.  
Litt.B. (*Univ. of Cincinnati, O.*) 1891. Rabbi of Temple Ohabei Sholom, Boston.  
II yr. History and Economics.
- Hite, Lewis Field, *Cambridge,* 1 Avon Pl.  
Student, *Univ. of Virginia*, 1873-75, '78-79, '81-82. Instructor at New Church Theological School, Cambridge. V yr. Philosophy.
- Hoag, Clarence Gilbert, *Roxbury,* 14 Mellen St.  
A.B. (*Haverford Coll., Pa.*) 1893, A.B. (*Harvard Univ.*) 1894. Master in English, 1896-97, Belmont School, Cal. I yr. English.
- Holt, Edwin Bissell, *Winchester,* W. 45.  
A.B. 1896. Student, *Univ. of Freiberg, Baden*, 1896-97. I yr. Psychology.
- Hoopar, Louis Leverett, *Washington, D. C.* C. 6.  
A.B. 1889. Assistant in Physics, 1889-91. Teacher, 1895-97, Smith Academy, St. Louis, Mo. II yr. Education and Teaching.
- Hopkins, Herbert Müller, *Toledo, O.* 9 DeWolfe St.  
A.B. (*Columbia Univ., N. Y.*) 1893, A.M. (*Harvard Univ.*) 1896. Instructor, 1894-95, Cheltenham Academy, Ogoutz, Pa. III yr. Shattuck Scholar. Classical Philology.
- Howe, Thomas Carr, *Irrington, Ind.* 88 Hammond St.  
Ph.B. (*Univ. of Indianapolis, Ind.*) 1889, A.M. (*ibid.*) 1893, A.M. (*Harvard Univ.*) 1897. Professor of German, Butler College, Ind., on leave of absence. II yr. Germanic Philology.
- Howe, Will David, *Irrington, Ind.* 88 Hammond St.  
A.B. (*Univ. of Indianapolis, Ind.*) 1893, A.B. (*Harvard Univ.*) 1895, A.M. (*ibid.*) 1897. Acting Professor of English, 1895-96, Butler College, Ind. III yr. University Scholar. English.
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E.B. (*State Normal School, W. Chester, Pa.*) 1892, A.B. (*Harvard Univ.*) 1897. Master in English, 1892-93, Acting Head Master, 1895-96, St. George's Hall, Summit, N. J. I yr. Philosophy.
- Jacoby, Asher Johnson, *Middleborough,* Middleborough.  
*Univ. of City of New York*, 1892-93. Superintendent of Schools, Middleborough. I yr. Psychology.
- Jefferson, Mark Sylvester William, *Cambridgeport,* 59 Chestnut St.  
A.B. (*Boston Univ.*) 1889, A.B. (*Harvard Univ.*) 1897. Superintendent of Schools, 1893-97, Lexington. I yr. Geography and Geology.
- Johnson, Harry Parker, *Johnstown, Pa.* 74 Oxford St.  
A.B. (*Allegheny Coll., Pa.*) 1892, A.M. (*ibid.*) 1895. Principal, 1893-97, Johnstown High School. I yr. Classical Philology.

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A.B. (*Univ. of New Brunswick*) 1892, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897. Teacher, Evening High School, Boston. II yr. English.
- Johnston, William Dawson, *Somerville,* 18 Mossland St.,  
A.B. (*Brown Univ., R. I.*) 1893. Instructor in History, 1894-97, [Somerville. University of Michigan. I yr. Toppan Scholar. History.
- Kagan, Josiah Moses, *Cambridge,* 14 Trowbridge St.  
A.B. 1894. Junior Master, Roxbury High School. II yr. German Literature.
- Kanthlener, Henry Frederick, *Dubuque, Ia.* 11 Mellen St.  
A.B. (*Cornell Coll., Ia.*) 1896. Instructor in Latin and Greek, 1896-97, Epworth Seminary, Ia. I yr. Classical Philology.
- Kennedy, Frank Alexander, *Medford,* 27 Putnam Ave.  
A.B. 1897. I yr. Classical Philology.
- Kenyon, Alfred Monroe, *Medina, O.* 15 Baldwin St.  
A.B. (*Hiram Coll., O.*) 1894, A.M. (*Western Reserve Univ., O.*) 1897. Assistant Principal, 1894-96, Wellington High School, O. I yr. University Scholar. Mathematics.
- Kerns, Shirley Kendric, *Champaign, Ill.* S. 8.  
A.B. (*Univ. of Illinois*) 1897. Principal of Schools, 1895-96, Rochester, Ill. I yr. English.
- Keyes, Charles Reuben, *Mt. Vernon, Ia.* 7 Wendell St.  
Ph.B. (*Cornell Coll., Ia.*) 1894. Principal of Schools, 1894-97, Blairstown, Ia. I yr. German.
- Kidder, Frederick Palmer, *Albany, N. Y.* 10 Remington St.  
*Harvard Coll.*, 1889-93. Regents' Examiner in University of the State of New York, on leave of absence. I yr. English.
- King, Albert Edward, *Roxbury,* 107 Elm Hill Ave.,  
A.B. 1897. I yr. Education and Teaching. [Roxbury.]
- King, Cyrus Ambrose, *Plum Tree, Ind.* 257 Beacon St.,  
A.B. (*Indiana Univ.*) 1893, A.B. (*Harvard Univ.*) 1897. In [Somerville. structor, 1893-96, in Science, Decorah High School, Ia. II yr. University Scholar. Botany.
- King, Melaim LeNoir, *Upper Keswick, N. B.* C. 1.  
A.B. (*Mt. Allison Univ., N. B.*) 1891, A.B. (*Harvard Univ.*) 1894. II yr. Fine Arts.
- King, William Lyon Mackenzie, *Toronto, Can.* 14 Sumner St.  
A.B. (*Univ. of Toronto, Canada*) 1895, LL.B. (*ibid.*) 1896, A.M. (*ibid.*) 1897. Graduate Student, *Univ. of Chicago*, 1896-97. Fellow in Political Economy, 1896-97, University of Chicago. I yr. Townsend Scholar. Economics.
- Kingsbury, Isaac Williams, *West Newton,* 19 Irving St.  
A.B. 1896. I yr. Chemistry and Metallurgy.
- Kinney, Samuel Wardwell, *Rome, N. Y.* 14 Oxford St.  
A.B. (*Princeton Univ., N. J.*) 1894, Graduate Student, *Johns Hopkins Univ.*, 1894-95, A.M. (*Harvard Univ.*) 1897. II yr. English.



- Lambert, Emile Theodore, *Eastbourne, Eng.* 15 Remington St.  
A.B. (*London Univ., England*) 1883. Master, 1883-88, in Eastbourne College.  
Assistant in German. II yr. Germanic Philology.
- La Meslée, Alphonse Marin, *Le Celier, France.* Felton 29.  
Bach. ès-lettres, 1re partie (*Académie de Rennes, France*) 1885. Instructor in  
French. II yr. Romance Languages.
- Learned, Henry Barrett, *St. Louis, Mo.* Trinity 6.  
A.B. 1890, A.M. (*Univ. of Chicago*) 1894, A.M. (*Harvard Univ.*) 1897. Instructor  
in History, 1894-96, Armour Institute of Technology, Chicago. Assistant in  
History. Proctor. II yr. History.
- Leavitt, Robert Greenleaf, *East Hampton,* 97 Elm St., W. Som-  
A.B. 1889. Teacher in Williston Seminary, Easthampton, on leave of [erville].  
absence. I yr. Botany.
- Lester, John Ashby, *Pasadena, Cal.* 20 Mellen St.  
A.B. (*Haverford Coll., Pa.*) 1896, A.M. (*ibid.*) 1897. Asst. Junior Teacher,  
1888-92, Ackworth School, Yorks, England. I yr. English.
- Lewis, Ernest Dorman, *Evansville, Ind.* 353 Harvard St.  
A.B. (*Ieland Stanford Jr. Univ., Cal.*) 1892, A.M. (*ibid.*) 1893, A.M. (*Harvard  
Univ.*) 1897. III yr. History.
- Lewis, Gilbert Newton, *West Newton,* 10 Appian Way.  
A.B. 1896. Instructor and Laboratory Assr., 1896-97, Phillips Andover Academy.  
I yr. George and Martha Derby Scholar. Chemistry.
- Lilliefors, Manfred, *Contoocook, N. H.* 18 Leonard Ave.  
Grad., *New Church Theological School, Cambridge,* 1895. Now Minister of  
New Church Society, Contoocook. I yr. Philosophy.
- Lipsky, Harry Alexander, *Chicago, Ill.* 13 Mellen St.  
Ph.B. (*Univ. of Chicago, Ill.*) 1896. I yr. English.
- Lloyd, Morton Githens, *Philadelphia, Pa.* 49 Wendell St.  
S.B. (*Univ. of Pennsylvania*) 1896. Hector Tyndale Fellow, since 1896-97, Uni-  
versity of Pennsylvania. I yr. Physics.
- Lovejoy, Arthur Oncken, *Oakland, Cal.* 1689 Cambridge St.  
A.B. (*Univ. of California*) 1895, A.M. (*Harvard Univ.*) 1897. III yr. University  
Scholar. Philosophy.
- Lyman, George Richard, *Amboy, Ill.* 49 Wendell St.  
A.B. (*Beloit Coll., Wis.*) 1894, A.B. (*Harvard Univ.*) 1897. Principal, 1894-96,  
Amboy High School, Ill. Assistant in Cryptogamic Botany. II yr. Botany.
- Lyman, Theodore, *Brookline,* Brookline.  
A.B. 1897. Assistant in Physics. I yr. Physics.
- McAdam, Dunlap Jamison, Jr. *Washington, Pa.* 10 Remington St.  
A.B. (*Washington and Jefferson Coll., Pa.*) 1897. I yr. Chemistry.
- McElfresh, William Edward, *Jacksonville, Ill.* Craigie 106.  
A.B. (*Illinois Coll.*) 1888, A.B. (*Harvard Univ.*) 1895, A.M. (*ibid.*) 1896. Assis-  
tant in Physics. Proctor. V yr. Physics.

- Maclean, Godwin Valentine, *Toronto, Can.* 63 Gorham St.  
A.B. (*Univ. of Toronto, Canada*) 1893, A.M. (*ibid.*) 1896. Mathematical Master,  
1894-97, Kingston Collegiate Institute, Canada. I yr. University Scholar.  
Physics.
- Mariett, Ernest Homer, *Cambridge,* 371 Harvard St.  
D.B. (*Episcopal Theological School, Cambridge*) 1883. Rector, Church of the  
Messiah, Woods Holl. I yr. History, Semitic, Latin.
- Marshall, Herbert Camp, *Zanesville, O.* G. 29.  
A.B. (*Ohio Wesleyan Univ.*) 1891, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1895.  
Principal, 1892-93, High School, Monroe, O. IV yr. Henry Lee Memorial  
Fellow. Economics.
- Marsten, Joseph Freeman, *Columbus, O.* T. 39.  
*Harvard Coll.*, 1894-97. On leave of absence from Senior Class. I yr. Classical  
Philology.
- Marsters, Vernon Freeman, *Bloomington, Ind.* Felton 18.  
A.B. (*Acadia Univ., N. S.*) 1886. Professor of Geology, Indiana University, on  
leave of absence. Proctor. II yr. Geology.
- Mason, Daniel Gregory, *Boston,* D. 14.  
A.B. 1895. I yr. Music.
- Mathews, John Lathrop, *Chicago, Ill.* C. 24.  
A.B. 1896. I yr. Philosophy.
- Matteson, David Maydole, *Forbestown, Cal.* 1727 Cambridge St.  
Ph.B. (*Univ. of California*) 1892, A.M. (*Harvard Univ.*) 1896. IV yr. Townsend  
Scholar. History.
- Maulsby, David Lee, *Tufts College,* Tufts College.  
A.B. (*Tufts Coll.*) 1887, A.M. (*ibid.*) 1892. Professor of English and Modern Lit-  
erature, Tufts College. III yr. English, French, and German.
- Maynadier, Gustavus Howard, *Cambridge,* 17 Plympton St.  
A.B. 1889, A.M. 1890. Teacher, 1892-94, Nichols School, Buffalo, N. Y. III yr.  
English.
- Merigold, Benjamin Shores, *Taunton,* T. 67.  
A.B. 1896, A.M. 1897. Assistant in Chemistry. II yr. University Scholar.  
Chemistry.
- Messenger, James Franklin, *Hutchinson, Kans.* 109 Ellery St.  
A.B. (*Univ. of Kansas*) 1895. Teacher, 1895-97, Hutchinson High School. I yr.  
Philosophy.
- Miller, George Morey, *Indianapolis, Ind.* 14 Shepard St.  
A.B. (*Indiana Univ.*) 1892. Head Teacher of English, 1894-97, Peru High School,  
Ind. I yr. English.
- Miller, William Joseph, *Newport, Del.* Warland Block 3.  
A.B. (*Trinity Coll., Conn.*) 1892, A.B. (*Harvard Univ.*) 1893, A.M. (*ibid.*) 1896.  
Proctor. V yr. Classical Philology.
- Mix, Harry Collier, *Chicago, Ill.* C. 68.  
*Harvard Coll.*, 1894-97. I yr. History, Education and Teaching.

- Montague, William Pepperrell, *Cambridge*, 6 Gibson St.  
A.B. 1896. A.M. 1897. II yr. Psychology.
- Moore, Clarence King, *Cambridge*, 35 Walker St.  
A.B. 1897. I yr. Romance Languages and Literature.
- Moore, William Charles, *Salem*, State Normal Sch.,  
S.B. 1893. Teacher in State Normal School, Salem. I yr. Geology. [Salem.]
- Morse, Charles Francis, *Chelsea*, 198 Chestnut St.,  
A.B. 1883, M.D. 1889. Instructor, 1883-86, Chauncy Hall School, [Chelsea.  
Boston. Now practising Physician. II yr. French.
- Morse, Franklyn Stanley, *Digby, N. S.* 31 Holyoke St.  
A.B. (*Acadia Univ., N. S.*) 1896, A.B. (*Harvard Univ.*) 1897. I yr. Classical  
Philology.
- Moulton, Leonard Bowdoin, *Bucksport, Me.* 44 Mt. Auburn St.  
*Harvard Coll.*, 1892-95. I yr. English.
- Neilson, William Allan, *Ayr, Ont.* 78 Oxford St.  
A.M. (*Univ. of Edinburgh, Scotland*) 1891, A.M. (*Harvard Univ.*) 1896. English  
Master, 1891-95, Upper Canada College, Toronto. III yr. Morgan Fellow.  
English.
- Newton, Charles Bertram, *Germantown, Pa.* C. 70.  
A.B. (*Princeton Univ., N. J.*) 1893. Teacher at Germantown Academy, on leave  
of absence. I yr. English.
- Norton, Arthur Orlo, *Stillman Valley, Ill.* S. 1.  
S.B. 1897. Instructor in Physics and Chemistry, 1891-94, Illinois State Normal  
University. I yr. Philosophy.
- Norton, Edwin Lee, *Northfield, Minn.* 1689 Cambridge St.  
A.B. (*Amherst Coll.*) 1893, A.M. (*Harvard Univ.*) 1897. Teacher, 1895-96, High  
School, Duluth, Minn. II yr. Philosophy.
- Noyes, George Rapall, *N. Andover*, T. 44.  
A.B. 1894, A.M. 1895. Teacher of Classics, 1894-96, The Browne and Nichols  
School, Cambridge. IV yr. Thayer Scholar. English.
- Olive, Edgar William, *Indianapolis, Ind.* Reed's 24.  
S.B. (*Wabash Coll., Ind.*) 1893, S.M. (*ibid.*) 1895, A.M. (*Harvard Univ.*) 1897.  
Assistant in Botany, 1893-95, Wabash College. Assistant in Botany. II yr.  
Botany.
- Olmsted, Frederick Erskine, *Hartford, Conn.* C't 2.  
Ph.B. (*Yale Univ.*) 1894. I yr. Botany and Geology.
- Opdyke, Samuel Bowman, *Easton, Pa.* 22 Trowbridge St.  
A.B. (*Wesleyan Univ., Conn.*) 1895, A.M. (*ibid.*) 1896. II yr. English.
- Osborn, John Frederic, *Cambridge*, 17 Lee St.  
A.B. 1896. Assistant in Mechanical Drawing and Descriptive Geometry. II yr.  
Engineering.
- Paine, George Lyman, *Boston*, Lawrence 14.  
A.B. 1896, A.M. 1897. II yr. Philosophy.

- Paine, Sumner, *Boston,* Hilton 2.  
M.D. (*Gross Coll. of Rocky Mountain Univ., Colo.*) 1897. I yr. Chemistry and Mathematics.
- Parker, Thomas Drayton, *Abbeville, S. C.* G. 36.  
Grad. (*U. S. Naval Academy*) 1893, A.M. (*Harvard Univ.*) 1894. In charge of English, 1894-96, Porter Military Academy, Charleston, S. C. III yr. English.
- Patterson, Arthur Sayles, *Carlyle, Ill.* 48 Mt. Auburn St.  
Ph.B. (*Oberlin Coll., O.*) 1895. Assistant in French, 1896-97, University of Illinois. I yr. French and German.
- Perry, Ralph Barton, *New York, N. Y.* 1689 Cambridge St.  
A.B. (*Princeton Univ., N. J.*) 1896, A.M. (*Harvard Univ.*) 1897. II yr. Thayer Scholar. Philosophy and History.
- Peters, John Arthur, *Flat Rock, Mich.* 9 Francis Ave.  
A.B. (*Univ. of Michigan*) 1892, A.M. (*Harvard Univ.*) 1897. Teacher of Greek and Latin, 1892-96, Decatur High School, Ill. II yr. Classical Philology.
- Peugnet, Maurice Berthold, *Cape Vincent, N. Y.* 27 Everett St.  
Grad. (*U. S. Naval Academy*) 1893. Assistant Engineer, 1893-95, U. S. Navy. Assistant in Engineering. II yr. Engineering.
- Pfeiffer, George Joseph Oscar, *Watertown,* 16 Russell Ave.,  
Diploma (*Polytechnic School, Zürich, Switzerland*) 1886, Ph.D. [*Watertown. (Univ. of Zürich, Switzerland)*] 1887. Teacher, 1895-96, The Browne and Nichols School, Cambridge. II yr. Geology.
- Phelps, Isaac King, *Thompsonville, Conn.* 61 Oxford St.  
A.B. (*Yale Univ.*) 1894, Ph.D. (*ibid.*) 1897. Assistant in Chemistry, 1895-97, Yale University. I yr. Thayer Scholar. Chemistry.
- Phillips, Henry Alexander, *Springfield,* 57 Brattle St.  
A.B. 1897. I yr. English and Architecture.
- Pierce, George Washington, *Austin, Texas,* D. 8.  
S.B. (*Univ. of Texas*) 1893, A.M. (*ibid.*) 1894. Teacher of Science, 1896-97, Dallas High School, Tex. I yr. Physics, Mathematics.
- Place, Perley Oakland, *So. Berwick, Me.* 467 Broadway.  
A.B. (*Dartmouth Coll., N. H.*) 1893, A. B. (*Harvard Univ.*) 1894, A.M. (*Dartmouth Coll., N. H.*) 1896. Teacher of Latin and Greek, 1894-97, Little Rock Academy, Ark. I yr. Classical Philology.
- Potter, Murray Anthony, *San Francisco, Cal.* 18 Trowbridge St.  
A.B. 1895, A.M. 1897. II yr. Townsend Scholar. Comparative Literature.
- Prentiss, Charles William, *Middlebury, Vt.* 11 Francis Ave.  
A.B. (*Middlebury Coll., Vt.*) 1896, A.M. (*ibid.*) 1897. I yr. Townsend Scholar. Zoölogy.
- Prescott, Henry Washington, *Boston,* 4 Allie St., Allston.  
A.B. 1895, A.M. 1896. III yr. Charles Haven Goodwin Scholar. Classical Philology.
- Preston, Henry Alfred, *Cleveland, O.* 49 Oxford St.  
A.B. (*Adelbert Coll. of Western Reserve Univ., O.*) 1893, A.M. (*Harvard Univ.*) 1897. Teacher of Greek, 1893-95, Western Reserve Academy, Hudson, O. II yr. Classical Philology.



- Rand, Herbert Wilbur, *Oil City, Pa.* 96 Prescott St.  
 A.B. (*Allegheny Coll., Pa.*) 1892, C.E. (*ibid.*) 1893, A.B. (*Harvard Univ.*) 1897.  
 Asst. Principal, 1894-96, High School, Oil City. Assistant in Zoölogy at Radcliffe College, Cambridge. II yr. Zoölogy.
- Rankin, Edwin Moore, *Lexington, Mo.* 30 Irving St.  
 A.B. (*Vanderbilt Univ., Tenn.*) 1896, A.M. (*ibid.*) 1897. I yr. Classical Philology.
- Ransmeier, John Christian, *Murphysboro', Ill.* 1 Walker Terrace.  
 Ph.B. (*Northwestern Univ., Ill.*) 1894. Principal, 1895-97, Union Academy, Anna, Ill. I yr. German.
- Reber, Charles Edgar, *Middle Spring, Pa.* 1734 Cambridge St.  
 A.B. (*Ursinus Coll., Pa.*) 1893, A.M. (*ibid.*) 1895, Ped.D. (*Wooster Univ., O.*) 1897. Professor-Elect of English, Ursinus College, on leave of absence. I yr. English.
- Reed, Alfred Zantzinger, *Colorado Springs, Colo.* Wadsworth 5.  
 A.B. 1897. I yr. English.
- Remington, Seth Padelford, *Providence, R. I.* Winthrop 27.  
 A.B. (*Brown Univ., R. I.*) 1894. III yr. History.
- Reynolds, Howard Hunt, *Syracuse, N. Y.* 362 Harvard St.  
 A.B. (*Syracuse Univ., N. Y.*) 1895. I yr. English.
- Rhodes, Jeremiah M., *Hiawatha, Kans.* 15 Avon St.  
 A.B. (*Indiana Univ.*) 1894. Superintendent of Schools, 1894-96, Hiawatha. II yr. Government.
- Richardson, Daniel Artemas, *Cambridge,* 14 Craigie St.  
 S.B. (*Massachusetts Inst. of Technology*) 1896. II yr. Philosophy, Science, Government.
- Richardson, Francis Allen, *Cambridge,* 17 Ware St.  
 A.B. 1896, S.B. 1896. Professor of Engineering, 1896-97, University of Little Rock, Ark. I yr. Education and Teaching.
- Richardson, Frederick Albert, *Cambridge,* 128 Brattle St.  
 A.B. (*Univ. of Vermont*) 1895, A.B. (*Harvard Univ.*) 1897. III yr. Philosophy.
- Robinson, George Washington, *Cambridge,* 12 Walker St.  
 A.B. 1895. I yr. Classical Philology.
- Roché, Everett Clifton, *Cambridge,* 111 Hammond St.  
 A.B. 1894, LL.B. 1897. I yr. English.
- Roever, William Henry, *St. Louis, Mo.* 45 Trowbridge St.  
 S.B. (*Washington Univ., Mo.*) 1897. I yr. Shattuck Scholar. Mathematics.
- Rogers, Lucian Waterman, *Roxbury,* 52 Moreland St., Roxbury.  
 A.B. (*Trinity Coll., Conn.*) 1891, D.B. (*Episcopal Theol. School, Cambridge*) 1894. Assistant Rector, St. James Church, Roxbury. I yr. Philosophy.
- Rushmore, William Joseph, *Cambridge,* 86 Hammond St.  
 A.B. 1882. Principal, 1891-96, Ware High School. II yr. Classical Philology.

- Russell, Frank,** *Fort Dodge, Ia.* 25 Ware St.  
S.B. (*State Univ. of Iowa*) 1892, S.M. (*ibid.*) 1895, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897. Assistant, 1894-95, in Museum, University of Iowa. Instructor in Anthropology. III yr. Hemenway Fellow. American Archaeology and Ethnology.
- Safford, Harry Everett,** *Lawrence,* H. 20.  
A.B. 1897. I yr. History.
- St. John, Robert Porter,** *Springfield,* Y. M. C.A. Building.  
A.B. (*Amherst Coll.*) 1893, A.M. (*ibid.*) 1896. Head of English Department, 1894-97, Duluth Central High School, Minn. I yr. English.
- Sanborn, Frank Berry,** *Cambridge,* 17 Sacramento St.  
S.B. (*Dartmouth Coll., N. H.*) 1887, C.E. (*ibid.*) 1889. Inspector for the Factory Mutual Fire Insurance Companies, on leave of absence. I yr. Thayer Scholar. Engineering.
- Sargent, Porter Edward,** *San Bernardino, Cal.* M. 49.  
A.B. 1896, A.M. 1897. Master of Science, The Browne and Nichols School, Cambridge. II yr. Zoölogy.
- Savage, Charles Winfred,** *Churchville, N. Y.* 6 Shepard St.  
A.B. (*Oberlin Coll., O.*) 1893. Tutor in Latin, 1893-96, Oberlin Academy. II yr. Classical Philology.
- Seaman, Charles Edward,** *Halifax, N. S.* Shepherd 2.  
A.B. (*Acadia Univ., N. S.*) 1892, A.B. (*Harvard Univ.*) 1895, A.M. (*ibid.*) 1896. Principal, 1892-94, Wolfville High School, N.S. Assistant in Government. Proctor. III yr. Political Science.
- Sheldon, Wilmon Henry,** *Boston,* 538 Mass. Ave.,  
A.B. 1895, A.M. 1896. III yr. Philosophy. [Boston.]
- Sherrard, Thomas Herrick,** *Morristown, N. J.* 20 Mellen St.  
A.B. (*Yale Univ.*) 1897. I yr. Geology and Botany.
- Shields, Albert Beckwith,** *Boston,* 128 K St., South  
Ph.B. (*Boston Univ.*) 1893, A.B. (*ibid.*) 1894. Rector of the Church of the Redeemer, South Boston. I yr. Philosophy. [Boston.]
- Skinner, Prescott Orde,** *Roxbury,* C. 56.  
A.B. 1896, A.M. 1897. Instructor in Italian and Spanish. Proctor. II yr. Romance Languages and Philology.
- Smith, Edmund Botterrell,** *Truro, N. S.* 209 Columbia St.  
A.B. (*Dalhousie Univ., N. S.*) 1890, A.B. (*Harvard Univ.*) 1892. Principal and Teacher of English, 1892-97, County Academy, Guysboro, N.S. I yr. Philosophy.
- Solomons, Leon Mendez,** *Berkeley, Cal.* 109 Ellery St.  
S.B. (*Univ. of California*) 1893, S.M. (*ibid.*) 1894. IV yr.: III yr. as *Resident Student*. Gorham Thomas Scholar. Psychology.
- Stableton, John Kay,** *Manchester, O.* 10 Mellen St.  
S.B. (*Ohio Wesleyan Univ.*) 1882, A.M. (*ibid.*) 1886. Superintendent of Schools, 1889-97, Lexington, Neb. I yr. Philosophy.

- Stafford, John, *Flesherton, Ont., Canada*, 1586 Cambridge St.  
A.B. (*Univ. of Toronto, Canada*) 1887, D.B. (*Univ. of Chicago*) 1889. Graduate Student, 1891-93, University of Leipzig, also sometime at the University of Paris. Teacher of Mathematics and French, 1896-97, Maryland Academy, Beaver Dam, Wis. I yr. Philosophy.
- Starr, Harris Elwood, *Providence, R. I.* 5 Chapin Ave.,  
Ph.B. (*Brown Univ., R. I.*) 1897. Instructor in Rhetoric, [Providence, R. I. 1896-97, Brown University. I yr. English.
- Stearns, John Brainerd, *Burlington, Vt.* 16 Mellen St.  
S.B. (*Univ. of Vermont*) 1891. Instructor in Chemistry, 1891-96, University of Vermont. I yr. Chemistry.
- Stearns, Wallace Nelson, *Cambridge*, 45 Trowbridge St.  
A.B. (*Ohio Wesleyan Univ.*) 1891, A.B. (*Harvard Univ.*) 1893, A.M. (*Ohio Wesleyan Univ.*) 1894, D.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897. I yr. Classical Philology.
- Stephenson, Henry Thew, *Cincinnati, O.* 54 Garden St.  
S.B. (*Ohio State Univ.*) 1894. Instructor in English, Indiana University, on leave of absence. I yr. English.
- Steward, Charles, *Fort Missoula, Mont.* H. 24.  
A.B. 1896. I yr. Engineering.
- Stewart, William Kilborne, *Toronto, Can.* 11 Mellen St.  
A.B. (*Univ. of Toronto, Canada*) 1897. I yr. University Scholar. Modern Languages.
- Swanton, John Reed, *Roxbury*, 1 Regent St.,  
A.B. 1896, A.M. 1897. III yr. Robert Charles [Roxbury. Winthrop Scholar. American Archaeology and Ethnology.
- Sylvester, John Percival, *Somerville*, T. 54.  
A.B. 1895, A.M. 1896. Instructor in Chemistry. Proctor. III yr. Chemistry
- Taylor, Lucien Edward, *Providence, R. I.* 10 Oxford St.  
A.B. (*Brown Univ., R. I.*) 1895, A.M. (*Harvard Univ.*) 1896. Instructor in French, 1895-96, Brown University. II yr. French.
- Terrell, Glanville, *Louisa C. H., Va.* 17 Trowbridge Pl.  
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1894. Principal, 1896-97, San Luis Obispo High School, Cal. I yr. Classical Philology.
- Thorndike, Ashley Horace, *Lynn*, 12 Kirkland Pl.  
A.B. (*Wesleyan Univ., Conn.*) 1893, A.M. (*Harvard Univ.*) 1896. Instructor in Mathematics, Boston University. III yr. Shattuck Scholar. English.
- Tilden, Frank William, *Albion, N. Y.* 7 Brookline St.  
A.B. (*Hamilton Coll., N. Y.*) 1892, A.M. (*ibid.*) 1895, A.M. (*Harvard Univ.*) 1897. Instructor in Greek, 1892-96, Carroll College, Wis. II yr. Leverett Saltonstall Scholar. Classical Philology.
- Trenholme, Norman Maclaren, *Montreal, Canada*, T. 23.  
A.B. (*McGill Univ., P. Q.*) 1895, A.M. (*Harvard Univ.*) 1897. II yr. Thayer Scholar. History.
- Vanlandingham, Henry Asa, *West Point, Miss.* 378 Harvard St.  
A.B. (*Mississippi Coll.*) 1893, A.B. (*Harvard Univ.*) 1897. Assistant in Greek, 1894-96, Preparatory Department, Georgetown College, Ky. I yr. English

- Verrill, Henry Shattuck, *Parkville, Mo.* 34 Bigelow St.  
A.B. (*Hamilton Coll., N. Y.*) 1892, A.M. (*ibid.*) 1895. Professor of English, Park College, Mo., on leave of absence. I yr. English.
- Waite, Frederick Clayton, *Hudson, O.* Felton 18.  
Lit.B. (*Adelbert Coll. of Western Reserve Univ., O.*) 1892, A.M. (*Western Reserve Univ., O.*) 1894, A.M. (*Harvard Univ.*) 1896. Assistant in Biology, 1892-95, Adelbert College, O. Assistant in Zoölogy. Proctor. III yr. Zoölogy.
- Ward, Harry Frederick, *Chicago, Ill.* 63 Gorham St.  
A.B. (*Northwestern Univ., Ill.*) 1897. I yr. Philosophy.
- Warner, Charles Franklin, *Cambridge,* 46A Trowbridge St.  
A.B. (*Colby Univ., Me.*) 1879, A.M. (*ibid.*) 1882. Teacher in Cambridge Manua, Training School. I yr. Physics.
- Wauchope, George Armstrong, *Hampden-Sidney, Va.* 14 Story St.  
A.B. (*Washington and Lee Univ., Va.*) 1884, A.M. (*ibid.*) 1886, Ph.D. (*ibid.*) 1889. Professor of English, 1895-98, University of Iowa. I yr. English.
- Waters, Edward Austin, *Delanco, N. J.* 65 Mt. Auburn St.  
*Harvard Coll.*, 1894-98. On leave from the Senior Class. I yr. Philosophy.
- Weatherby, Charles Alfred, *E. Hartford, Conn.* Wadsworth 5.  
A.B. 1897. I yr. University Scholar. Modern Languages.
- Webster, Hollis, *E. Milton,* Claverly 18.  
A.B. 1884, A.M. 1894. Teacher, 1895-96, Miss Hersey's School, Boston. Proctor. VIII yr. Latin.
- Weston, George Benson, *Cambridge,* T. 42.  
A.B. 1897. I yr. Romance Philology.
- Wheeler, Alvin Sawyer, *Tacoma, Wash.* 49 Wendell St.  
A.B. (*Beloit Coll., Wis.*) 1890, A.M. (*Harvard Univ.*) 1897. Teacher, Physics and Chemistry, 1893-96, Tacoma High School. Assistant in Chemistry. II yr. Chemistry.
- Wheeler, Philip Manchester, *Brooklyn, N. Y.* W. 49.  
S.B. (*Brooklyn Polytechnic Inst., N. Y.*) 1894, A.B. (*Harvard Univ.*) 1897. IV yr. Chemistry.
- White, Francis Harding, *Cambridge,* 20 Holly Ave.  
A.B. (*Princeton Univ., N. J.*) 1887, A.M. (*ibid.*) 1890. Professor of History and Political Science, 1888-97, Kansas State Agricultural College. Assistant in History. I yr. History and Political Science.
- Whittemore, Thomas, *Cambridge,* 372 Mass. Ave.  
A.B. (*Tufts Coll.*) 1894. Instructor in English, Tufts College. III yr. Italian.
- Whoriskey, Richard, Jr. *Cambridge,* 17 Winter St.  
A.B. 1897. Teacher in Cambridge Evening School, 1896-97. I yr. Education and Teaching.
- Wilcox, Edwin Mead, *Columbus, Ohio.* 14 Shepard St.  
S.B. (*Ohio State Univ.*) 1896. Assistant in Botany, 1894-97, Ohio State University. I yr. James Savage Scholar. Botany.
- Willard, Nelson Wolcott, *Galesburg, Ill.* 3 Sumner St.  
A.B. (*Knox Coll., Ill.*) 1896. Instructor in Classics, 1896-97, St. Albans Military Academy, Knoxville, Ill. I yr. Scholar of the Harvard Club of Chicago. Classical Philology.

- Williams, Creighton Hamilton, *Fort Wayne, Ind.* H'y 5.  
*Harvard Coll.*, 1894-97, on leave of absence from the Senior Class. I yr. History,  
 Government and Economics.
- Williams, Stephen Riggs, *Shandon, O.* 96 Prescott St.  
 A.B. (*Oberlin Coll., O.*) 1892, A.M. (*ibid.*) 1893. Teacher of Science, 1894-96,  
 Lima High School, O. II yr. Zoölogy.
- Wills, George Stockton, *Greensboro, N. C.* D. 26.  
 Ph.B. (*Univ. of North Carolina*) 1889, Ph.M. (*ibid.*) 1896. Instructor in English,  
 1894-96, University of North Carolina. II yr. English.
- Wolfson, Arthur Mayer, *Kansas City, Mo.* 13 Mellen St.  
 A.B. 1893, A.M. 1896. Teacher, 1893-95, Kansas City High School. III yr. Mor-  
 gan Fellow. History and Government.
- Woods, James Haughton, *Boston,* 2 Chestnut St., Boston.  
 A.B. 1887, Ph.D. (*Univ. of Strassburg, Germany*) 1896. III yr. Philosophy.

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 NON-RESIDENT STUDENTS IN 1897-98.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.
Andrew, Abram Piatt, Jr., A.B. ( <i>Princeton Univ., N. J.</i> ) 1893, A.M. ( <i>Harvard Univ.</i> ) 1895. Assistant in Economics, 1896-97. V yr.: I yr. as <i>Non-Resident Student</i> . John Harvard Fellow. Economics.	<i>La Porte, Ind.</i>	[Brown, Shipley & Co. [Founders' Court, [London, England.
Bouton, Charles Leonard, S.M. ( <i>Washington Univ., Mo.</i> ) 1891, A.M. ( <i>Harvard Univ.</i> ) 1896. Instructor, 1893-94, Washington University, St. Louis, Mo. IV yr.: II yr. as <i>Non-Resident Student</i> . Parker Fellow. Mathematics.	<i>St. Louis, Mo.</i>	Leipzig, Germany. [Grassi Str. 31 <sup>1</sup> vr.
Chase, George Davis, A.B. 1889, A.M. 1895, Ph.D. 1897. Sub-master, 1889-94, Bristol Academy. IV yr.: I yr. as <i>Non-resident Student</i> . Kirkland Fellow. Classical Philology.	<i>Taunton,</i>	Leipzig, Germany. [Georgen Str. 16. John Thornton
Chase, George Henry, A.B. 1896, A.M. 1897. II yr. John Harvard Fellow. Classical Archaeology.	<i>Lynn,</i>	Athens, Greece. [American School of [Classical Studies.
Cooley, Arthur Stoddard, A.B. ( <i>Amherst Coll.</i> ) 1891, A.M. ( <i>Harvard Univ.</i> ) 1893, Ph.D. ( <i>ibid.</i> ) 1896. Instructor in Greek, 1896-97. VI yr.: I yr. as <i>Non-Resident Student</i> . Rogers Fellow. Classical Philology (and Arch- aeology).	<i>Auburndale,</i>	Athens, Greece. [Brown, Shipley & Co. [Founders' Court, [London, England.
Cross, Arthur Lyons, A.B. 1895, A.M. 1896. Assistant in History, 1895-97. III yr.: I yr. as <i>Non-Resident Student</i> . Ozias Goodwin Memorial Fellow. History.	<i>Beachmont, Revere,</i>	Berlin, Germany. [Jäger Str.

- McDaniel, Walton Brooks,**  
A.B. 1893, A.M. 1894. Assistant in the Classics, 1896-97. IV yr.: as *Non-Resident Student*. John Harvard Fellow. Classical Philology. [Baring Bros. & Co., [Bishopsgate, [London, England.]
- Daly, Reginald Aldworth, London, Ont., Canada.**  
A.B. (*Victoria Univ., Ont.*) 1891, S.B. (*ibid.*) 1892, A.M. (*Harvard Univ.*) 1893, Ph.D. (*ibid.*) 1896. Instructor in Geology, 1895-96. V yr.: II yr. as *Non-Resident Student*. Parker Fellow. Geology and Petrography. Heidelberg, Germany. [Brown, Shipley & Co., [Founders' Court, [London, England.]
- Ford, Jeremiah Denis Matthais, Somerville,**  
A.B. 1894, A.M. 1895, Ph.D. 1897. Instructor in French, 1895-97. IV yr.: I yr. as *Non-Resident Student*. Harris Fellow. Romance Philology. Paris, France. [21 Rue Valette.
- Savery, William Briggs, Attleboro',**  
A.B. (*Brown Univ., R. I.*) 1896, A.M. (*Harvard Univ.*) 1897. Assistant in Philosophy, 1896-97. II yr.: I yr. as *Non-Resident Student*. Walker Fellow. Philosophy. Berlin, Germany. [Kleine August Str. 4<sup>II</sup>.
- Skinner, Macy Millmore, Boston,**  
A.B. 1894, A.M. 1895, Ph.D. 1897. Assistant in Semitic Languages and History, 1894-97. IV yr.: I yr. as *Non-Resident Student*. Rogers Fellow. Semitic Languages and History. Strassburg, Germany. [Ruprechtsau Hauptstrasse, 65.
- Sprague, Oliver Mitchel Wentworth, St. Johnsbury, Vt.**  
A.B. 1884, A.M. 1895, Ph.D. 1897. IV yr.: I yr. as *Non-Resident Student*. Rogers Fellow. Economic History. London, England. [3 Upper Bedford [Place, [Russell Square.
- Torrey, Henry Augustus, Burlington, Vt.**  
A.B. (*Univ. of Vermont*) 1893, A.M. (*Harvard Univ.*) 1896, Ph.D. (*ibid.*) 1897. Assistant, United States Food Investigations, 1894-95, Middletown, Conn. IV yr.: I yr. as *Non-Resident Student*. Parker Fellow. Chemistry. Leipzig, Germany. [Windmühlen [Str. 45<sup>III</sup>.
- Walz, John Albrecht, Chicago, Ill.**  
A.B. (*Northwestern Univ., Ill.*) 1892, A.M. (*Harvard Univ.*) 1895, Ph.D. (*ibid.*) 1897. Instructor in German. 1895-97. IV yr.: I yr. as *Non-Resident Student*. Parker Fellow. German Language and Literature. Berlin, Germany. [August Str. 65i.
- Whittemore, James Kelsey, Boston,**  
A.B. 1895, A.M. 1896. Instructor in Mathematics, 1895-97. III yr.: I yr. as *Non-Resident Student*. John Harvard Fellow. Mathematics. Paris, France. [21 Rue Valette.

## SUMMARY.

NUMBER OF RESIDENT STUDENTS . . . . .	272
NUMBER OF NON-RESIDENT STUDENTS . . . . .	15
TOTAL . . . . .	287

*Being Graduates of the following Institutions :—*

Acadia University . . . . .	4	Southern Baptist Theol. Sem., Ky. . . . .	1
Adelbert College . . . . .	4	Stevens Institute of Technology . . . . .	1
Albion College . . . . .	1	Syracuse University . . . . .	1
Allegheny College . . . . .	2	Trinity College, Conn. . . . .	2
Amherst College . . . . .	5	Tufts College . . . . .	2
Andover Theological School . . . . .	1	U. S. Naval Academy . . . . .	1
Bates College . . . . .	1	Union College . . . . .	2
Beloit College . . . . .	2	University of California . . . . .	6
Boston College . . . . .	1	University of Chicago . . . . .	2
Boston University . . . . .	2	University of Cincinnati . . . . .	1
Bowdoin College . . . . .	3	University of Colorado . . . . .	1
Brooklyn Polytechnic Institute . . . . .	2	University of Georgia . . . . .	1
Brown University . . . . .	7	University of Illinois . . . . .	3
Colby University . . . . .	2	University of Indianapolis . . . . .	3
Columbia University . . . . .	3	University of Kansas . . . . .	8
Columbian University . . . . .	1	University of Michigan . . . . .	3
Cornell College, Ia. . . . .	2	University of Minnesota . . . . .	1
Cumberland University . . . . .	1	University of Nebraska . . . . .	1
Dalhousie University . . . . .	2	University of New Brunswick . . . . .	1
Dartmouth College . . . . .	6	University of North Carolina . . . . .	2
Drury College . . . . .	1	University of Pennsylvania . . . . .	1
Earlham College . . . . .	1	University of Rochester . . . . .	1
Episcopal Theological School, Camb. . . . .	3	University of Texas . . . . .	2
Franklin College . . . . .	1	University of Toronto . . . . .	4
Gross College . . . . .	1	University of Vermont . . . . .	6
Hamilton College . . . . .	2	Ursinus College . . . . .	1
Harvard University . . . . .	175	Vanderbilt University . . . . .	2
Haverford College . . . . .	3	Victoria University . . . . .	1
Hebrew Union College . . . . .	1	Wabash College . . . . .	1
Heidelberg University, Ohio . . . . .	1	Washington University . . . . .	2
Hiram College . . . . .	1	Washington and Jefferson College . . . . .	1
Hobart College . . . . .	1	Washington and Lee University . . . . .	1
Illinois College . . . . .	1	Wesleyan University . . . . .	1
Illinois Wesleyan University . . . . .	1	Western Reserve University . . . . .	3
Indiana University . . . . .	4	West Virginia University . . . . .	1
Iowa College . . . . .	1	Williams College . . . . .	3
Iowa State University . . . . .	1	Wofford College . . . . .	1
Knox College . . . . .	2	Wooster University . . . . .	1
Leland Stanford Jr. University . . . . .	4	Worcester Polytechnic Institute . . . . .	1
Massachusetts Agricultural College . . . . .	1	Yale University . . . . .	4
Massachusetts Institute Technology . . . . .	4	Foreign Universities . . . . .	9
Miami University . . . . .	1		
Middlebury College . . . . .	1		381
Mississippi College . . . . .	1	Names counted twice . . . . .	96
Mt. Allison University . . . . .	3	“ “ thrice (4) . . . . .	8
New Church Theol. School, Camb. . . . .	1		104
Northwestern University . . . . .	5		277
Oberlin College . . . . .	4	On leave of absence from Har-	
Ohio State University . . . . .	2	vard College . . . . .	4
Ohio Wesleyan University . . . . .	4	No degree . . . . .	6
Princeton University . . . . .	5		10
State Normal, Warrensburg, Mo. . . . .	1		287
South Carolina College . . . . .	1		

## THE DIVINITY SCHOOL.

### RESIDENT GRADUATES.

NAME.	RESIDENCE.	ROOM.
Austin, John Worsley, A.B. ( <i>London</i> ) 1891, ( <i>Manchester Coll., Oxford</i> ) 1895, A.M. ( <i>London</i> ) 1897,	<i>Cirencester, Eng.</i>	31 Wendell St.
Ayers, Edward Everett, B.C.S. ( <i>Mount Union Coll.</i> ) 1890, PH.B. ( <i>ibid.</i> ) 1892, D.B. ( <i>Boston Univ.</i> ) 1896,	<i>Egypt, O.</i>	D. 9.
Baltzly, John, A.B. ( <i>Wittenberg</i> ) 1879, ( <i>Wittenberg Seminary</i> ) 1881, A.M. ( <i>Wittenberg</i> ) 1882,	<i>Indianapolis, Ind.</i>	137 Oxford St.
Berglund, Abraham, LL.B. ( <i>Univ. of California</i> ) 1894, ( <i>Meadville Theol. School</i> ) 1897,	<i>San Francisco, Cal.</i>	D. 3.
Berle, Theodore Protas, A.B. ( <i>Oberlin Coll.</i> ) 1890, A.M. ( <i>ibid.</i> ) 1893, ( <i>Andover Theol. Seminary</i> ) 1893, A.M. ( <i>Harvard Univ.</i> ) 1896,	<i>Woburn,</i>	D. 6.
Boynton, Richard Wilson, ( <i>Meadville Theol. School</i> ) 1895,	<i>Roslindale,</i>	3 Fairview St., [Roslindale.
Coar, Arthur Herbert, A.B. ( <i>Williams Coll.</i> ) 1894, D.B. ( <i>Harvard Univ.</i> ) 1897, <i>Williams Fellow,</i>	<i>Cambridge,</i>	81 Oxford St.
Curless, Homer Grant, A.B. ( <i>Lebanon Univ.</i> ) 1891, D.B. ( <i>Boston Univ.</i> ) 1897,	<i>Blanchester, O.</i>	63 Gorham St.
Gilbert, Henry Closson, A.B. ( <i>Trinity Coll., Conn.</i> ) 1893, D.B. ( <i>Episcopal Theol. School, Cambridge</i> ) 1896, A.M. ( <i>Harvard Univ.</i> ) 1897,	<i>Randolph Centre, Vt.</i>	15 Shepard St.
Manning, Frederic Wilbur, A.B. ( <i>Colorado Coll.</i> ) 1886, ( <i>Andover Theol. Seminary</i> ) 1890,	<i>Marshfield,</i>	D. 41.



- Mason, Wilbur Nesbitt, A.B. (*Ohio Wesleyan Univ.*) 1890, D.B. (*Boston Univ.*) 1896, Milford, O. 12 Kirkland Pl.
- Myhrman, David William, (*Bethel Seminary, Stockholm, Sweden*) 1892, P.H.B. (*Univ. of Chicago*) 1896, A.M. (*Harvard Univ.*) 1897, Stockholm, Sweden, D. 11.
- Olmsted, Jephtha Montrose, (*Hamilton Theol. Seminary*) 1892, Avon, Avon.
- Reid, William Dunn, A.B. (*McGill Univ.*) 1890, D.B. (*Presbyterian Coll. of Montreal*) 1894, Leeds, Que. 972 Mass. Ave.
- Rice, John Wesley, A.B. 1891, D.B. (*Yale Univ.*) 1895, A.M. (*Harvard Univ.*) 1896, D.B. (*ibid.*) 1897. Rockland, D. 13.
- Sakai, Barnabas Tokutaro, A.B. (*Hobart Coll.*) 1894, A.M. (*ibid.*) 1897, D.B. (*Episcopal Theol. School, Cambridge*) 1897, Nagoya, Japan, Lawrence 18.
- Stevens, Edward Everett, (*Meadville Theol. School*) 1897, Harpersfield, N. Y. 257 Webster St., [E. Boston.]

## SENIOR CLASS.

- Ellis, Arthur Blake, A.B. 1875, LL.B. 1877, Boston, 18 Hereford St., [Boston.]
- Jones, Joseph Henry, A.B. (*Elon Coll.*) 1894, Holland, Va. D. 12.
- Laughlin, Thomas Cowden, A.B. (*Princeton Univ.*) 1892, A.M. (*ibid.*) 1895, D.B. (*Princeton Theol. Seminary*) 1897, Williams Fellow, Barnesville, O. D. H. 2.
- Stoops, John Dashiell, A.B. (*Dickinson Coll.*) 1894, A.M. (*Harvard Univ.*) 1897, Middletown, Del. D. 29.

## MIDDLE CLASS.

- Horne, Herman Harrell, A.B. (*Univ. of No. Carolina*) 1895, A.M. (*ibid.*) 1895, A.M. (*Harvard Univ.*) 1897, Clayton, N. C. D. 19.
- Lewis, Fred Rinaldo, A.B. 1896, A.M. 1897, Lynn, D. 16.

## JUNIOR CLASS.

Boodin, John Elof, A.B. ( <i>Brown Univ.</i> ) 1895, A.M. ( <i>ibid.</i> ) 1896,	<i>Pawtucket, R. I.</i>	D. 28.
Daniels, Francis Potter, A.B. ( <i>Univ. of Mich.</i> ) 1895, A.M. ( <i>Univ. of Mo.</i> ) 1897,	<i>Ionia, Mich.</i>	D. H. 3.
Davidson, John Mitchell, A.B. ( <i>Antioch Coll.</i> ) 1896, A.M. ( <i>ibid.</i> ) 1897,	<i>Xenia, O.</i>	28 Wendell St.
Day, John Boynton Wilson, A.B. ( <i>Tufts Coll.</i> ) 1897,	<i>Charlestown,</i>	D. 1.
Ferris, William Henry, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>New Haven, Conn.</i>	D. H. 5.
Gale, Frank Randall, A.B. ( <i>Tufts Coll.</i> ) 1897,	<i>Barre, Vt.</i>	D. 2.
Hall, Charles Frederick, A.B. ( <i>Mt. Allison Coll.</i> ) 1884,	<i>Lawrencetown, N.S.</i>	M. 4.
Hinman, George Warren, A.B. ( <i>Oberlin Coll.</i> ) 1893,	<i>Oberlin, O.</i>	347 Broadway.
Kent, Frederic Houston, A.B. 1894,	<i>Wollaston,</i>	D. 31.
Slocum, Charles Mills, A.B. ( <i>Williams Coll.</i> ) 1895,	<i>Port Jervis, N. Y.</i>	D. 28.
Thaxter, Benjamin Augustus, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Machias, Me.</i>	12 Kirkland Pl.

## SPECIAL STUDENTS.

Ballou, William,	<i>Fargo, N. D.</i>	D. 42.
Blood, Charles Rowell,	<i>Chelmsford,</i>	D. 32.
Millar, Morgan,	<i>Brooklyn, N. Y.</i>	Hale House,
Nichols, William Stanley,	<i>Danvers,</i>	D. 4. [Boston.
Snapp, Le Roy Fletcher, ( <i>School of Biblical Literature, Randolph Macon Coll.</i> ) 1893,	<i>Littleton, N. H.</i>	D. 8.
White, Harry, A.B. 1891, A.M. 1894,	<i>Eatontown, N. J.</i>	D. 15.

## SUMMARY.

RESIDENT GRADUATES . . . . .	17
SENIOR CLASS . . . . .	4
MIDDLE CLASS . . . . .	2
JUNIOR CLASS . . . . .	11.
SPECIAL STUDENTS . . . . .	<u>6</u>
TOTAL . . . . .	40

*Graduates of the following Colleges and Theological Seminaries:—*

Andover Theological Seminary . . . . .	2	Michigan, University of . . . . .	1
Antioch College . . . . .	1	Missouri, University of . . . . .	1
Bethel Baptist Theological Seminary, Sweden . . . . .	1	Mt. Allison College . . . . .	1
Boston University . . . . .	3	Mount Union College . . . . .	1
Brown University . . . . .	1	North Carolina, University of . . . . .	1
California, University of . . . . .	1	Oberlin College . . . . .	2
Chicago, University of . . . . .	1	Ohio Wesleyan University . . . . .	1
Colorado College . . . . .	1	Prebyterian College of Montreal . . . . .	1
Dickinson College . . . . .	1	Princeton Theological Seminary . . . . .	1
Elon College . . . . .	1	Princeton University . . . . .	1
Episcopal Theolog. School, Cambridge	2	Randolph Macon College . . . . .	1
Hamilton Theological Seminary . . . . .	1	Trinity College, Conn. . . . .	1
Harvard University . . . . .	11	Tufts College . . . . .	2
Hobart College . . . . .	1	Yale University . . . . .	3
Lebanon University . . . . .	1	Williams College . . . . .	2
London University . . . . .	1	Wittenberg . . . . .	1
Manchester College, Oxford . . . . .	1		<hr/>
McGill University . . . . .	1	Counted more than once . . . . .	20
Meadville Theological School . . . . .	3		<hr/>
			36

## THE LAW SCHOOL.

### RESIDENT BACHELORS OF LAWS.

Whitmore, Charles Edward, Jr.		
A. B. 1893, LL. B. 1897,	<i>Cambridge,</i>	9 Story St.
Winston, Charles Albert, LL. B.		
( <i>Cincinnati Law School</i> ) 1891,		
LL. B. 1893,	<i>Chicago, Ill.</i>	467 Broadway.

### THIRD YEAR.

Adler, Edward Anthony, PH. B.		
( <i>St. Lawrence Univ.</i> ) 1895,	<i>Millersburg, O.</i>	28 Quincy St.
Applegate, John Stillwell, Jr.,		
A. B. ( <i>Colgate Univ.</i> ) 1895,	<i>Red Bank, N. J.</i>	P. 7.
Arnold, Edmund Kent, A. B. 1895,	<i>Cambridge,</i>	10 Frisbie Pl.
Barge, Charles Robert, S. B.		
( <i>Knox Coll.</i> ) 1895,	<i>Dixon, Ill.</i>	S. 17.
Barrows, Chester Willard, A. B.		
( <i>Brown Univ.</i> ) 1895,	<i>Providence, R. I.</i>	52 Irving St.
Bassett, Norman Leslie, A. B.		
( <i>Colby Univ.</i> ) 1891,	<i>Winslow, Me.</i>	5 Wendell St.
Batchelder, Samuel Francis, A. B.		
1893,	<i>Cambridge,</i>	6 Hilliard St.
Belden, Charles Francis Dorr,	<i>Niagara Falls, N. Y.</i>	S. 29.
Bettman, Alfred, A. B. 1894,	<i>Cincinnati, O.</i>	P. 9.
Bigelow, Leslie Melville, A. B.		
1895,	<i>Cambridge,</i>	15 Buckingham St.
Bingham, Norman Williams, Jr.,		
A. B. 1895,	<i>Somerville,</i>	Craigie 102.
Blair, John Ellwood,	<i>Bridgewater,</i>	C. 52.
Bond, Charles Wood,	<i>Waltham,</i>	254 Linden St.,
Booth, Charles Dunbar, A. B.		[Waltham.]
1896,	<i>Ashtabula, O.</i>	W. 51.
Bowers, John Albert, A. B. ( <i>Dart-</i>		
<i>mouth Coll.</i> ) 1894,	<i>Newport, N. H.</i>	5 Wendell St.
Boyden, Albert, A. B. 1894,	<i>Beverly,</i>	M. 39.
Bremer, Clifton Long, A. B. 1896,	<i>Cambridge,</i>	Shepherd's 10.

- Brookings, Walter du Bois, A.B.  
1895, *Benton Harbor, Mich.* Winthrop 12.
- Brown, Howard Wicks, A.B. 1895, *Boston*, 9 Louisburg Sq.,  
Brownell, Walter Dexter, B.P. [Boston.]
- (*Brown Univ.*) 1894, *Providence, R. I.* 62 Trowbridge St.  
Bryant, Lincoln, A.B. 1895, *Hingham*, H. 31.
- Cahn, William Leopold, A.B.  
(*Columbia Coll.*) 1895, *New York, N. Y.* 20 Prescott St.  
Chapman, John Lee, *Washington, D. C.* G. 33.
- Church, Elliott Bradford, A.B.  
1895, *Taunton*, S. 29.  
Clarkson, Robert Paul, *Roxbury*, 134 Thornton St.,  
Coffin, Fletcher Barker, A.B. [Roxbury.]  
1895, A.M. 1896, *Newton*, Newton.
- Conant, Ernest Bancroft, A.B.  
1895, *Boston*, 31 Mt. Vernon St.
- Connolly, James Thomas, A.B. [Boston.]  
(*Holy Cross Coll.*) 1895, *Cambridge*, 56 Amory St.
- Corwin, Allen Wickham, A.B.  
(*Princeton Coll.*) 1895, *Middletown, N. Y.* 42 Kirkland St.
- Deitrick, Fred Simpson, S.B.  
(*Geneva Coll.*) 1895, *New Brighton, Pa.* 1664 Mass. Ave.  
Dill, William Frost, *Arendtsville, Pa.* C. 20.
- Doucette, Allan Edward, A.B.  
1895, *Boston*, 24 Belvidere St.,  
Draper, Frederick Elliott, Jr., [Boston.]  
A.B. (*Williams Coll.*) 1895, *Lansingburgh, N. Y.* Winthrop 31.
- Driggs, Henry Peck, A.B. (*Yale Univ.*) 1895, *Waterbury, Conn.* Lawrence 26.
- Dudley, Howland, A.B. 1895, *North Cambridge*, 24 Avon Hill St.
- Dutton, William Paine, A.B. 1896, *Sycamore, Ill.* H. 8.
- Edmunds, Goldman, A.B. 1895, *Wellesley Hills*, 9 Story St.  
Fisher, James Henry, *Denver, Colo.* S. 16.
- FitzGerald, Richard Y, A.B.  
(*Univ of California*) 1895, *Eureka, Nev.* 12 Kirkland Pl.
- Ford, Laurence Augustus, A.B.  
(*Holy Cross Coll.*) 1895, *Beverly*, 67 Oxford St.
- Frank, Henry Pennell, A.B.  
(*Tufts Coll.*) 1895, *Portland, Me.* 31 Mt. Vernon St.
- Fraser, Alfred Parker, A.B. [Boston.]  
(*Leland Stanford Jr. Univ.*)  
1895, *Stockton, Cal.* 367 Harvard St.  
Frazier, Herbert, A.B. 1895, *S. Bethlehem, Pa.* Craigie 204.

Garceau, Albert,	<i>Roxbury,</i>	22 Highland St.,
Glennon, John Francis, A.B.		[Roxbury.]
( <i>Spring Hill Coll.</i> ) 1895,	<i>Mobile, Ala.</i>	3 Sumner St.
Gonterman, Madison Gillham,		
A.B. 1896,	<i>Cambridge,</i>	367 Harvard St.
Gray, Roland, A.B. 1895,	<i>Boston,</i>	176 Beacon St.,
Grinnell, Frank Washburn, A.B.		[Boston.]
1895,	<i>Roxbury,</i>	15 Millmont St.,
Harding, Edward, A.B. 1895, A.M.		[Roxbury.]
1896,	<i>New York, N. Y.</i>	60 Brattle St.
Harding, Heman Andrew, A.B.		
1896,	<i>Chatham,</i>	C't 13.
Harrison, Robert Waite, A.B.		
1895,	<i>San Francisco, Cal.</i>	W. H. 16.
Hartzell, Walter Thomas, A.B.		
1895,	<i>Allentown, Pa.</i>	P. 71.
Hazeltine, Harold Dexter, A.B.		
( <i>Brown Univ.</i> ) 1894,	<i>Warren, Pa.</i>	14 Trowbridge Pl.
Heller, Isaac S, A.B. ( <i>Western</i>		
<i>Reserve Univ.</i> ) 1895,	<i>Cleveland, O.</i>	1691 Cambridge St.
Highlands, Andrew Albert, A.B.		
1895,	<i>Fall River,</i>	367 Harvard St.
Hogg, George, A.B. 1895,	<i>Worcester,</i>	Winthrop 14.
Hone, Joseph Bernard, A.B.		
( <i>Yale Univ.</i> ) 1895,	<i>Rochester, N. Y.</i>	Craigie 102.
Hoppe, Louis Joseph, A.B. ( <i>St.</i>		
<i>Xavier Coll.</i> ) 1895,	<i>Cincinnati, O.</i>	67 Oxford St.
Hubbard, Arthur Lucius, A.B.		
( <i>Michigan Univ.</i> ) 1894,	<i>South Bend, Ind.</i>	21 Ellery St.
Hutchinson, Harold, A.B. 1893,	<i>Newton,</i>	44 Billings Park,
Hutton, William Edward, A.B.		[Newton.]
1895,	<i>Denver, Colo.</i>	S. 16.
Hyde, Charles Cheney, A.B. ( <i>Yale</i>		
<i>Univ.</i> ) 1895,	<i>Chicago, Ill.</i>	W. H. 30.
James, Ellerton, A.B. 1895,	<i>Nahant,</i>	Winthrop 15.
Jastram, Edward Perkins, A.B.		
( <i>Brown Univ.</i> ) 1895,	<i>Providence, R. I.</i>	P. 3.
Johnson, Reginald Hathaway,		
A.B. 1895,	<i>Braintree,</i>	Wadsworth 11.
Jones, Eliot Norris, A.B. 1896,	<i>Middleborough,</i>	52 Brattle St. •
Jones, John Hall, A.B. 1896,	<i>Cambridge,</i>	C. 5.
Kennedy, Richard Lea, A.B.		
( <i>Princeton Coll.</i> ) 1895,	<i>Colorado Springs, Colo.</i>	65 Hammond St.

Kinsler, James Callan, A.B.		
( <i>Creighton Coll.</i> ) 1891,	<i>Omaha, Neb.</i>	10 Appian Way.
Lakin, Herbert Conrad, A.B. 1894,	<i>Cambridge,</i>	8 Holyoke St.
Lewis, Walter Stanford, A.B.		
( <i>Tulane Univ.</i> ) 1894,	<i>New Orleans, La.</i>	57 Brattle St.
Littig, Victor Louis, P.H.B. ( <i>State Univ. of Iowa</i> ) 1895,	<i>Davenport, Ia,</i>	S. 23.
Loines, Russell Hillard,	<i>Brooklyn, N. Y.</i>	54 Garden St.
Lord, John Walterhouse, A.B.		
( <i>Princeton Coll.</i> ) 1895,	<i>Baltimore, Md.</i>	Craigie 203.
Lothrop, Thornton Kirkland, Jr., A.B. 1895,	<i>Boston,</i>	88 Brattle St.
McLaughlin, Frederick Chase, A.B. 1893, A.M. 1895,	<i>Binghamton, N. Y.</i>	Read's 4.
Manning, Robert Livermore, A.B. 1895,	<i>Manchester, N. H.</i>	H'y 7.
Marden, Philip Sanford, A.B. ( <i>Dartmouth Col.</i> ) 1894,	<i>Lowell,</i>	5 Wendell St.
Maynard, Louis Cole, A.B. ( <i>Knox Coll.</i> ) 1895,	<i>Canton, Ill.</i>	3 Sumner St.
Newton, Frank Buzzell,	<i>Randolph,</i>	53 Wendell St.
Nichols, Philip, A.B. 1895,	<i>Buffalo, N. Y.,</i>	W. H. 16.
Olney, George Harwood, A.B. ( <i>Brown Univ.</i> ) 1895,	<i>Cherry Valley,</i>	Little's 5.
Packard, Sumner Tingley, A.B. ( <i>Brown Univ.</i> ) 1895,	<i>Brockton,</i>	Little's 5.
Parmenter, Frank Silliman, A.B. ( <i>Williams Coll.</i> ) 1895,	<i>Troy, N. Y.</i>	48 Irving St.
Peabody, William Rodman, A.B. 1895,	<i>Cambridge,</i>	13 Kirkland St.
Perkins, Harry Edwin, A.B. ( <i>Boston Univ.</i> ) 1895,	<i>Georgetown,</i>	28 Felton Hall.
Peters, Andrew James, A.B. 1895,	<i>Jamaica Plain,</i>	Jamaica Plain.
Phillips, Stephen Willard, A.B. 1895,	<i>Salem,</i>	W. 26.
Pierce, Myron Everett,	<i>Cambridge,</i>	367 Harvard St.
Pistole, William Burton, A.B. ( <i>Northwestern Normal Coll.</i> ) 1893,	<i>Allison, Mo.</i>	5 Emmons Pl.
Pofe, Herbert,	<i>Cleveland, O.</i>	54 Garden St.
Porter, Robert Cushman,	<i>San Francisco, Cal.</i>	13 Mellen St.
Potter, Austin, A.B. 1895,	<i>Boston,</i>	Hotel Berkeley,
		Boston.

Powell, Wilson Marcy, Jr., A.B. 1896,	<i>New York, N. Y.</i>	26 Holyoke St.
Powers, Tudor Wolcott,	<i>So. Windsor, Conn.</i>	367 Harvard St.
Raymond, Robert Lovejoy, A.B. 1895,	<i>Brookline,</i>	1087 Beacon St., [Brookline.]
Rea, Edwin Milton, A.B. ( <i>Leland Stanford Jr. Univ.</i> ) 1895,	<i>San Jose, Cal.</i>	367 Harvard St.
Richards, Francis Henry, A.B. 1894,	<i>Boston,</i>	129 Newbury St., [Boston.]
Robinson, Thomas Henry,	<i>Phillipsville, Pa.</i>	1680 Cambridge St.
Russell, John Stewart, A.B. ( <i>Wil- liams Coll.</i> ) 1895,	<i>Troy, N. Y.</i>	367 Harvard St.
Sand, Henry Augustus Low, A.B. 1895,	<i>Dobbs Ferry, N. Y.</i>	W. 37.
Sawyer, William Merriam, A.B. ( <i>Williams Coll.</i> ) 1895,	<i>Nashua, N. H.</i>	49 Oxford St.
Schaffner, Arthur Becker, A.B. 1895,	<i>Chicago, Ill.</i>	42 Kirkland St.
Sears, Samuel Thacher,	<i>E. Dennis,</i>	C. 52.
Seymour, Warren Isley, A.B. ( <i>Princeton Coll.</i> ) 1895,	<i>Pittsburg, Pa.</i>	42 Kirkland St.
Shackford, Samuel Burnham, A.B. 1894,	<i>Dover, N. H.</i>	51 Wendell St.
Sheffield, Justus Pearl, A.B. 1891,	<i>New York, N. Y.</i>	P. 3.
Smart, John Harrow, S.B. ( <i>Trin- ity Coll.</i> ) 1895,	<i>Willoughby, O.</i>	48 Irving St.
Smith, Lloyd Waddell, PH.B. ( <i>Yale Univ.</i> ) 1895,	<i>Parsippany, N. J.</i>	Lawrence 24.
Stackpole, Joseph Lewis, Jr., A.B. 1895,	<i>Boston,</i>	292 Beacon St., [Boston.]
Swan, Joseph Rockwell, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>Stamford, Conn.</i>	W. H. 30.
Tapper, William Richard, A.B. ( <i>Lombard Univ.</i> ) 1894, A.B. ( <i>Harvard Univ.</i> ) 1896,	<i>Riverside, Ill.</i>	H. 3.
Thurston, Charles Storey, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>Whitinsville,</i>	8 Appian Way.
Tillinghast, John Avery, A.B. ( <i>Brown Univ.</i> ) 1895,	<i>Pawtucket, R. I.</i>	52 Irving St.
Twohey, James Austin,	<i>Montreal, Canada,</i>	409 Broadway.
Wade, George Knight Budd, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>New York, N. Y.</i>	Winthrop 13.
Walsh, Vincent James, A.B. ( <i>St. Ignatius Coll.</i> ) 1894,	<i>Chicago, Ill.</i>	20 Prescott St.



Wardwell, Allen, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>New York, N. Y.</i>	Winthrop 19.
Way, Charles Arthur,	<i>Brookline,</i>	73 Longwood Ave., [Brookline.]
Weed, Charles Frederick, A.B. ( <i>Trinity Coll.</i> ) 1894, A.M. ( <i>ibid.</i> ) 1897,	<i>Claremont, N. H.</i>	48 Irving St.
Westengard, Jens Iverson,	<i>Chicago, Ill.</i>	49 Oxford St.
White, Paul Maurice, A.B. ( <i>Brown Univ.</i> ) 1895,	<i>Woonsocket, R. I.</i>	1691 Mass. Ave. [Boston.]
Whiteside, Alexander, Jr., A.B. 1895,	<i>Champlain, N. Y.</i>	6 Newbury St., Lawrence 6.
Whitmore, Howard, A.B. 1895,	<i>Cambridge,</i>	
Wilkinson, Robert, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>Poughkeepsie, N. Y.</i>	49 Oxford St.
Williams, Benjamin, B.P. ( <i>Brown Univ.</i> ) 1895,	<i>Jackson, Mich.</i>	52 Irving St.
Williams, John Reed, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>Chicago, Ill.</i>	Winthrop 19.
Worthington, John Winthrop, A.B. 1895,	<i>Dedham,</i>	Dedham.
Youngman, William Sterling, A.B. 1895.	<i>Williamsport, Pa.</i>	W. H. 47.

## SECOND YEAR.

Angert, Eugene Henry, A.B. ( <i>St. Louis Univ.</i> ) 1896,	<i>St. Charles, Mo.</i>	W. H. 44.
Bacon, Rogers Hammond, A.B. ( <i>Columbia Coll.</i> ) 1896,	<i>New York, N. Y.</i>	Winthrop 2.
Bailey, Harold Colburn, A.B. 1897,	<i>Somerville,</i>	81 Central St., [Somerville.]
Ballentine, James Arthur, A.B. ( <i>Yale Univ.</i> ) 1896,	<i>Boise City, Idaho,</i>	22 Prescott St. [Reading.]
Bancroft, Edward Winthrop, A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Reading,</i>	15 Sanborn St., [Newton.]
Bartlett, Warren Tyler, A.B. ( <i>Amherst Coll.</i> ) 1894,	<i>No. Brookfield,</i>	32 Richardson St., Cambridge,
Bell, Stoughton, A.B. 1896,		164 Brattle St.
Bigelow, Harry Augustus, A.B. 1896,	<i>Norwood,</i>	F. 2.
Bill, Frederic Ledyard, A.B. ( <i>Amherst Coll.</i> ) 1895,	<i>Paxton,</i>	55 Hammond St.
Blagden, Linzee, A.B. 1896,	<i>New York, N. Y.</i>	Claverly 21.

Blanchard, Henry Lawton, A.B. 1896,	<i>Avon,</i>	T. 56.
Boesel, Frank Tilden, PH.B. ( <i>Ohio State Univ.</i> ) 1896,	<i>Columbus, O.</i>	282 Mass. Ave.
Booth, Percy Newhall, A.B. 1896,	<i>Louisville, Ky.</i>	W. 37.
Boothby, Oren Cheney, A.B. ( <i>Bates Coll.</i> ) 1896,	<i>Lewiston, Me.</i>	25 Wabon St.,
Bowser, Eden Kirk, A.B. 1896,	<i>Wakefield,</i>	T. 2. [Roxbury.
Brayton, Israel, A.B. 1896,	<i>Fall River,</i>	T. 56. [E. Boston.
Burke, William Edmund,	<i>E. Boston,</i>	119 Webster St.,
Calkins, Grosvenor, A.B. 1897,	<i>Newton,</i>	Newton.
Cameron, Winfield Henry, A.B. 1895,	<i>Jamestown, N. Y.</i>	Winthrop 12.
Campbell, William Evan, A.B. ( <i>Leland Stanford Jr. Univ.</i> ) 1896,	<i>San Jose, Cal.</i>	37 Langdon St.
Chamberlain, Albert Henry, A.B. 1894,	<i>Cambridge,</i>	20 Erie St.
Chase, Edward Nichols, A.B. 1896,	<i>Portland, Me.</i>	T. 38.
Clark, Ellery Harding, A.B. 1896,	<i>Boston,</i>	43 Bay State Road,
Collins, William Edward, A.B. 1897,	<i>Dorchester,</i>	[Boston. H. 26.
Connelly, John Edward, A.B. 1895,	<i>Ashland,</i>	Ashland.
Cooper, Charles Augustus, PH.B. ( <i>DePauw Univ.</i> ) 1895,	<i>Chicago, Ill.</i>	40 Kirkland St.
Couch, Benjamin Warren, S.B. ( <i>Dartmouth Coll.</i> ) 1896,	<i>Concord, N. H.</i>	19 Irving St.
Coveney, John Archibald, A.B. 1897,	<i>Somerville,</i>	[Somerville. 73 Marshall St.,
Cox, Archibald, A.B. 1896,	<i>Plainfield, N. J.</i>	6 Story St.
Culver, Chester Murphy,	<i>Emporia, Kas.</i>	1586 Cambridge St.
Darling, Samuel Boyd, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>Somerville,</i>	158 Central St.,
Davis, Samuel Boyer, A.B. ( <i>Princeton Coll.</i> ) 1896,	<i>Philadelphia, Pa.</i>	[Somerville. W. H. 11.
Delafield, John Ross, A.B. ( <i>Princeton Coll.</i> ) 1896,	<i>New York, N. Y.</i>	Winthrop 29.
Derby, Archibald Steuart, PH.B. ( <i>Union Univ.</i> ) 1896,	<i>Sandy Hill, N. Y.</i>	40 Kirkland St.
Dickinson, Charles, A.B. 1896,	<i>Brookline,</i>	W. H. 1.
Doran, James Patrick, A.B. ( <i>Holy Cross Coll.</i> ) 1896,	<i>New Bedford,</i>	112 Inman St.

Dow, Rogers, A.B. 1896,	<i>Revere,</i>	T. 61.
Downey, Stanley Wilson Crowell,		
• A.B. ( <i>Univ. of New Brunswick</i> )		
1894, A.M. ( <i>ibid.</i> ) 1896,	<i>Frederickton, N. B.</i>	1680 Cambridge St.
Duncan, Henry Timberlake, Jr.,		
A.B. ( <i>Kentucky Univ.</i> ) 1889,	<i>Lexington, Ky.</i>	39 Irving St.
Durant, John MacWilson, A.B.		
( <i>Cornell Univ.</i> ) 1896,	<i>Albany, N. Y.</i>	60 Walker St.
Dwinell, Elbert Hammett, A.B.		
1896,	<i>Montpelier, Vt.</i>	T. 38.
Eastman, Chase, A.B. ( <i>Bowdoin</i>		
<i>Coll.</i> ) 1896,	<i>Portland, Me.</i>	39 Irving St.
Eaton, Theodore, A.B. ( <i>Yale</i>		
<i>Univ.</i> ) 1894,	<i>Wakefield,</i>	C. 19.
Fay, Edward Pickering, A.B. 1896,	<i>Springfield,</i>	G. 50.
Fentress, David, A.B. ( <i>Princeton</i>		
<i>Coll.</i> ) 1896,	<i>Chicago, Ill.</i>	W. 29.
Fisk, Irving Lester, A.B. 1897,	<i>Hoosick Falls, N. Y.</i>	40 Kirkland St.
Fitzgerald, Thomas Francis, A.B.		
1897,	<i>Troy, N. Y.</i>	M. 33.
Flynn, Edward James, A.B. 1895,	<i>Somerville,</i>	H'ke 14.
Fogg, Fred Seydel, A.B. ( <i>Leland</i>		
<i>Stanford Jr. Univ.</i> ) 1895,	<i>Tacoma, Wash.</i>	49 Wendell St.
Foster, John Wheeler, A.B. ( <i>Bow-</i>		
<i>doin Coll.</i> ) 1896,	<i>Pittsfield, N. H.</i>	2 Walker Terrace.
Foster, Nathaniel Ladd, S.B.		
( <i>Dartmouth Coll.</i> ) 1896,	<i>Concord, N. H.</i>	19 Irving St.
Fox, Francis Bird, A.B. 1896,	<i>Taunton,</i>	T. 67.
French, Charles Stratton, A.B.		
1895,	<i>Boston,</i>	200 Commonwealth
Frothingham, Edgar Vieter, A.B.		[Ave., Boston.]
1896,	<i>Brooklyn, N. Y.</i>	M. 19.
Fuller, Henry Holton, A.B. 1896,	<i>Lancaster,</i>	W. 31.
Garrison, William Lloyd, Jr.		
A.B. 1897,	<i>Brookline,</i>	[Brookline.]
Gill, Frederick Alvin,	<i>Denver, Colo.</i>	1763 Beacon St.,
Gilman, John Edward, Jr., A.B.		1124 Mass. Ave.
1894,	<i>Roxbury,</i>	17 Holborn St.,
Gilmore, Eugene Allen, A.B.		[Roxbury.]
( <i>DePauw Univ.</i> ) 1893,	<i>Cambridge,</i>	P. 4.
Gilsey, Henry, Jr., A.B. 1895,	<i>New York, N. Y.</i>	Craigie 204.
Gleason, Carlisle Joyslin, S.B.		
( <i>Amherst Coll.</i> ) 1896,	<i>Montpelier, Vt.</i>	1599 Mass. Ave.

Gorrill, William Henry, A.B. ( <i>Univ. of California</i> ) 1895,	<i>Oakland, Cal.</i>	S. 15.
Grabill, Ethelbert Vincent, A.B. ( <i>Oberlin Coll.</i> ) 1896,	<i>Greenville, Mich.</i>	2 Gorham St.
Green, Melvin, A.B. 1896,	<i>Cambridge,</i>	W. 29.
Greenough, William, Jr., A.B. 1896,	<i>New York, N. Y.</i>	44 Brattle St.
Hagerman, Lee Walker, A.B. 1896,	<i>St. Louis, Mo.</i>	57 Brattle St.
Hammond, Orlando Davis, A.B. 1896,	<i>Memphis, Tenn.</i>	P. 9.
Hanavan, George Barnard, A.B. 1897,	<i>Buffalo, N. Y.</i>	G. 21.
Harrington, Arthur, A.B. 1897,	<i>Charlestown,</i>	M. 35.
Hatch, George Bates, A.B. ( <i>Yale Univ.</i> ) 1896,	<i>New York N. Y.</i>	P. 15.
Hauptman, George David, PH.B. ( <i>Cornell Univ.</i> ) 1896,	<i>Saginaw, Mich.</i>	334 Harvard St.
Hayes, John Edward Rollins, A.B. ( <i>Dartmouth Coll.</i> ) 1895,	<i>Somersworth, N.H.</i>	19 Sacramento St.
Hazard, Peyton Randolph, A.B. 1896,	<i>Newport, R. I.</i>	H. 6.
Heckscher, Stevens, A.B. 1896,	<i>Philadelphia, Pa.</i>	6 Story St.
Hildreth, Alfred Hitchcock, A.B. 1896,	<i>Cambridge,</i>	14 Garden St.
Hill, James Gilbert, Jr., A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Lowell,</i>	749 Merrimac St.,
Holmes, Edward Jackson, A.B. 1895,	<i>Boston,</i>	[Lowell. 245 Beacon St.,
Howard, Albert Straw, A.B. 1896,	<i>Lowell,</i>	P. 20. [Boston.
Howe, Wirt, A.B. ( <i>Tulane Univ. of Louisiana</i> ) 1895, A.B. ( <i>Harvard Univ.</i> ) 1896,	<i>New Orleans, La.</i>	52 Brattle St.
Howell, James Albert, A.B. 1897,	<i>Ogden, Utah,</i>	C. 49.
Humes, Augustine Leftwich, A.B. ( <i>Princeton Coll.</i> ) 1896,	<i>Knoxville, Tenn.</i>	Felton 1.
Hutchinson, Albert Savage, A.B. ( <i>Bowdoin Coll.</i> ) 1893,	<i>Lynn,</i>	Lynn.
Janvier, Francis deHaes, A.B. ( <i>Princeton Coll.</i> ) 1895,	<i>New Castle, Del.</i>	14 Oxford St.
Kales, Albert Martin, A.B. 1896,	<i>Chicago, Ill.</i>	Craigie 107.
Knight, Henry Francis, A.B. 1896,	<i>Dorchester,</i>	90 Lyndhurst St.,
Knight, Joseph Hyde, S.B. ( <i>Mass. Inst. Tech.</i> ) 1896,	<i>Pittsfield,</i>	[Dorchester. 81 Oxford St.

Lancaster, William Woart, A.B. 1897,	Augusta, Me.	W. H. 31.
Lewers, Charles Ross, A.B. ( <i>Univ. of Nevada</i> ) 1893, A.B. ( <i>Leland Stanford Jr. Univ.</i> ) 1896,	Franktown, Nev.	49 Wendell St.
Lyons, Joseph Henry, A.B. ( <i>Univ. of Alabama</i> ) 1894, LL.B. ( <i>ibid.</i> ) 1895,	Mobile, Ala.	1686 Cambridge St.
McCloskey, Thomas David, A.B. ( <i>Geneva Coll.</i> ) 1893,	Somerville,	38 Bow St.,
McCook, Philip James, A.B. ( <i>Trinity Coll.</i> ) 1895,	Hartford, Conn.	[Somerville. 49 Wendell St.
Machen, Arthur Webster, Jr., A.B. ( <i>Johns Hopkins Univ.</i> ) 1896,	Baltimore, Md.	Felton 30
McGrath, John Francis, A.B. 1895,	Fitchburg,	H'ke 14.
McLanahan, George Xavier, A.B. ( <i>Yale Univ.</i> ) 1896,	Washington, D. C.	Winthrop 6.
Macleod, Frederick Joseph, A.B. 1891,	Charlottetown, P. E. I.	Craigie 406.
Marlow, Ernest Wilmer, A.B. 1896,	Washington, D. C.	76 Hammond St.
Marshall, Napoleon Bonaparte, A.B. 1897,	Washington, D. C.	W. H. 23.
Mead, Carl Abel, A.B. ( <i>Middle- bury Coll.</i> ) 1891,	Middlebury, Vi.	3 Sumner St.
Miller, Frederick Pray, A.B. 1897,	Boston,	431 Mass. Ave.,
Millikin, Lewis Campbell, A.B. 1896,	Hamilton, O.	[Boston. P. 35.
Mitchell, David Eaton, A.B. 1897,	Bradford, Pa.	1727 Cambridge St.
Monk, Wesley Elias, A.B. ( <i>Brown Univ.</i> ) 1896,	Campello,	Little's 5.
Moss, William Washburn, A.B. ( <i>Brown Univ.</i> ) 1894, A.M. ( <i>ibid.</i> ) 1895,	Providence, R. I.	52 Irving St.
Mullins, Thomas Patrick, A.B. 1895,	Cambridge,	413 Broadway.
Munro, Fayette Smith, A.B. ( <i>Col- gate Univ.</i> ) 1895,	Camillus, N. Y.	P. 7.
Munro, Willis, A.B. 1896,	Buffalo, N. Y.	Winthrop 3.
Murchie, Guy, A.B. 1895,	Calais, Me.	Ware 43.
Murdock, John Samuel, A.B. ( <i>Brown Univ.</i> ) 1896,	Worcester,	52 Irving St.

Ogden, James Matlock, PH.B. ( <i>DePauw Univ.</i> ) 1894,	<i>Delaware, O.</i>	43 Irving St. [Boston.]
Ordway, George Theodore, A.B. ( <i>Bowdoin Coll.</i> ) 1896,	<i>Boston,</i>	508 Columbus Ave.,
Palfrey, John Gorham, A.B. 1896,	<i>Boston,</i>	88 Beacon St., [Boston.]
Parish, Charles Osborn, A.B. ( <i>Lake Forest Univ.</i> ) 1895, A.M. ( <i>Univ. of Chicago</i> ) 1896,	<i>Clarinda, Ia.</i>	P. 15.
Parker, Edwin Gordon, A.B. ( <i>McGill Univ.</i> ) 1892, A.M. ( <i>Harvard Univ.</i> ) 1894,	<i>Lennoxville, P. Q.</i>	Dunster 16.
Patterson, George Leo, A.B. ( <i>Cornell Univ.</i> ) 1895,	<i>Marshall, Mich.</i>	D. 10.
Phipps, John Shaffer, PH.B. ( <i>Yale Univ.</i> ) 1896,	<i>Pittsburgh, Pa.</i>	Winthrop 16.
Ratcliffe, Cummins, A.B. ( <i>Vanderbilt Univ.</i> ) 1896,	<i>Little Rock, Ark.</i>	1686 Cambridge St.
Rawson, Charles Thresher, A.B. 1897,	<i>Boston,</i>	118 Myrtle St., [Boston.]
Reynolds, George Edmund, A.B. 1897,	<i>Somerville,</i>	23 Pleasant Ave., [Somerville.]
Rickard, James Helme, Jr., A.B. ( <i>Brown Univ.</i> ) 1896,	<i>Elliott, Conn.</i>	1699 Cambridge St.
Rogers, William Chandler, A.B. 1895,	<i>Roxbury,</i>	21 Linwood St., [Roxbury.]
Ross, Robert Edwin, A.B. ( <i>Princeton Coll.</i> ) 1895,	<i>Chicago, Ill.</i>	Winthrop 24.
Sanborn, Clifford Bartlett, S.B. ( <i>Mass. Inst. Tech.</i> ) 1895,	<i>Norwood,</i>	24 Farwell Pl.
Sargent, Joseph, Jr., A. B. 1895,	<i>Magnolia,</i>	H'y 18.
Shedd, William Holmes, A.B. 1896,	<i>Malden,</i>	M. 58.
Silverman, Albert,	<i>Chicago, Ill.</i>	H'ke 41.
Slattery, Francis Edward, A.B. ( <i>Georgetown Univ.</i> ) 1896,	<i>So. Boston,</i>	520 Broadway, [So. Boston.]
Small, Harlan Page, A.B. ( <i>Bowdoin Coll.</i> ) 1895,	<i>Somerville,</i>	131 Glen St., Som-
Smith, Fitz-Henry, Jr., A.B. 1896,	<i>Boston,</i>	W. H. 1. [ville.]
Smith, Jerome Carruth, A.B. 1895,	<i>Boston,</i>	270 Newbury St., [Boston.]
Sprague, Rufus Bates, A.B. 1897,	<i>Boston,</i>	Ware 51.
Sprague, Rufus William, Jr., A.B. 1896,	<i>Charlestown,</i>	H. 15.
Stearns, Joseph Tuttle, A.B. ( <i>Univ. of Vermont</i> ) 1896,	<i>Burlington, Vt.</i>	16 Mellen St.

- Steward, Frank Rudolph, A.B.  
1896, *Fort Missoula, Mont.* H. 24.
- Stillwagen, Frederic Haines, A.B.  
1896, *Allentown, Pa.* Felton 13.  
*Brookline,* Edgehill Road,  
Strong, Marvin Herbert, A.B. [Brookline.  
(*Union Coll.*) 1896, *Schenectady, N. Y.* 40 Kirkland St.
- Thomas, Arthur Frank Stockdale,  
A.B. 1897, *Salt Lake City, Utah,* P. 35.
- Thomas, George William, A.B.  
(*Bates Coll.*) 1896, *Lewiston, Me.* 92 Wendell St.
- Thorne, Samuel, Jr., A.B. (*Yale Univ.*) 1896, *New York, N. Y.* Winthrop 11.
- Thurston, James Humphrey, A.B.  
(*Brown Univ.*) 1896, *Providence, R. I.* 1699 Cambridge St.
- Tirrell, James Austin, A.B. 1897, *Rockland,* 4 Gorham St.
- Townsend, Ralph Milbourne, A.B.  
1896, *Boston,* 20 Holyoke St.  
*Cambridge,* 108 Brattle St.
- Train, Arthur Cheney, A.B. 1896, *Galesburg, Ill.* 18 Sumner St.
- Tunnicliff, George Duffield, A.B.  
(*Knox Coll.*) 1896, *Galesburg, Ill.* 18 Sumner St.
- Wadhams, William Henderson,  
A.B. (*Yale Univ.*) 1896, *Wadhams Mills, N. Y.* Craigie 108.
- Wadsworth, Clarence Seymour,  
A.B. 1896, *Middletown, Conn.* 87 Beacon St.,  
*Cambridge,* 11 Waterhouse St.  
Walker, Brooks, A.B. 1895, *Boston,* H'ke 28.
- Walker, George Albert, Jr., A.B.  
1894, *W. Roxbury,* D. 27.
- Walling, Everett Lewis, A.B.,  
(*Brown Univ.*) 1896, *Woonsocket, R. I.* 107 Central St.,  
Walz, William Emanuel, A.B. [Auburndale.  
(*North Western Coll.*) 1880,  
A.M. (*ibid.*) 1882, *Cambridge,* 39 Ellery St.
- Wells, Frank Parker, Jr., B.L.  
(*Hillsdale Coll.*) 1896, *Buffalo, N. Y.* 1709 Cambridge St.
- Weston, Thomas, Jr., A.B. 1895, *Newton,* 76 Franklin St.,  
White, Samuel Peregrine, A.B. [Newton.  
1895, *Wakefield,* C. 19.
- Wilbour, William French, A.B.  
1896, *Little Compton, R. I.* W. H. 10.
- Williams, Charles Frederick, A.B.  
(*Princeton Coll.*) 1896, *New York, N. Y.* W. H. 81.

Williams, Earnest Porte, A.B. 1895,	<i>Bellefontaine, O.</i>	C't 24.
Willock, Curtis Moore, A.B. ( <i>Princeton Coll.</i> ) 1896,	<i>Allegheny, Pa.</i>	P. 33.
Woodman, Julian Cushman, A.B. ( <i>Bates Coll.</i> ) 1894,	<i>Melrose,</i>	[Melrose. 35 Bellevue Ave.,

## FIRST YEAR.

Abele, George Washington, A.B. 1897,	<i>Roxbury,</i>	81 Thorndike St., [Roxbury.
Allen, Arthur Moulton, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Providence, R. I.</i>	65 Hammond St.
Allen, Henry Woodward, A.B. ( <i>Trinity Coll.</i> ) 1897,	<i>Pittsfield,</i>	1599 Mass. Ave.
Allison, James, Jr., P.H.B. ( <i>Iowa Coll.</i> ) 1895,	<i>Grinnell, Ia.</i>	H. 15.
Archer, Charles Augustus,	<i>Salem,</i>	T. 53.
Austin, James Augustus, A.B. 1896,	<i>Cambridge,</i>	61 Spring St.
Bacon, Leonard Beaumont, A.B. ( <i>Yale Univ.</i> ) 1896,	<i>Rochester, N. Y.</i>	54 Garden St.
Baker, Benjamin Standish, A.B. 1897,	<i>Cambridge,</i>	94 Oxford St.
Balch, Francis Noyes, A.B. 1896, A.M. 1897,	<i>Jamaica Plain,</i>	Winthrop 3.
Barker, Ralph Andrews, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Calais, Me.</i>	13 Kirkland Pl.
Bass, Lyman Metcalfe, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Denver, Colo.</i>	Winthrop 30.
Bass, Robert Perkins, A.B. 1896,	<i>Peterboro, N. H.</i>	Hilton A.
Bassett, Josiah Colby, A.B. ( <i>Colby Univ.</i> ) 1895,	<i>Winslow, Me.</i>	5 Wendell St.
Batchelder, Charles Hull, A.B. 1897,	<i>Portsmouth, N.H.</i>	27 Putnam Ave.
Bayley, Frank Sawyer, A.B. 1897,	<i>Denver, Colo.</i>	48 Mt. Auburn St.
Beale, Arthur Messinger, A.B. 1897,	<i>Dorchester,</i>	550 Washington St., [Dorchester.
Bigelow, Frank Horace, ( <i>Harv- ard Coll. Senior</i> ),	<i>Worcester,</i>	Craigie 205.
Blakemore, Arthur Walker, A.B. 1897,	<i>Newton,</i>	H. 27.
Bolster, Stanley Marshall, A.B. 1897,	<i>Roxbury,</i>	H'y 8.



Bowles, Henry Irving, A.B. 1897,	<i>Cherryfield, Me.</i>	G. 51.
Bradlee, Edward Chamberlin, A.B. 1894,	<i>Boston,</i>	[Boston. 113 Beacon St.,
Bradley, Daniel Henry, A.B. 1897,	<i>Somerville,</i>	19 Concord Ave.,
Briggs, Fred Emerson, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Attleboro,</i>	[Somerville. 43 Irving St.
Brown, Ammi, A.B. 1897,	<i>Portland, Me.</i>	Winthrop 32.
Buell, Henry Douglas, A.B. 1897,	<i>Rochester, N. Y.</i>	2 Holmes Pl.
Bumpus, Everett Chauncey, A.B. 1897,	<i>Quincy,</i>	W. H. 42.
Burden, Isaiah Townsend, Jr., A.B. 1897,	<i>New York, N. Y.</i>	60 Brattle St.
Burns, William Adams, A.B. ( <i>Williams Coll.</i> ) 1897,	<i>Pittsfield,</i>	1599 Mass. Ave.
Bygrave, Hilary Robert, ( <i>Harvard Coll. Senior</i> ),	<i>Belmont,</i>	Belmont.
Byrd, William, A.B. 1897,	<i>New York, N. Y.</i>	Manter 6.
Campbell, Morton Carlisle, A.B. ( <i>Wash. and Jeff. Coll.</i> ) 1896,	<i>Cambridge, O.</i>	55 Hammond St.
Cannon, William Cornelius, PH.B. ( <i>Alfred Univ.</i> ) 1894,	<i>Andover, N. Y.</i>	58 Hammond St.
Carpenter, Edward Neher, A.B. ( <i>Cornell Univ.</i> ) 1897,	<i>Troy, N. Y.</i>	48 Irving St.
Carr, Edward Galvin, A.B. ( <i>Dartmouth Coll.</i> ) 1897,	<i>Danvers,</i>	26 Mellen St.
Cavanagh, Thomas Tyrone, A.B. ( <i>Notre Dame Univ.</i> ) 1897,	<i>Chicago, Ill.</i>	48 Holyoke St.
Choate, Joseph Hodges, Jr., A.B. 1897,	<i>New York, N. Y.</i>	Apley Court 3.
Collins, Timothy Charles, A.B. ( <i>Holy Cross Coll.</i> ) 1896,	<i>No. Adams,</i>	278 Broadway.
Collison, Francis Coe, PH.B. ( <i>Cornell Univ.</i> ) 1897,	<i>Troy, N. Y.</i>	48 Irving St.
Colton, Henry Seymour, Jr., A.B. 1896,	<i>Calumet, Mich.</i>	391 Harvard St.
Colvin, Henry Grattan, A.B. ( <i>Univ. of Georgia</i> ) 1897,	<i>Atlanta, Ga.</i>	H'ke 2.
Conant, Harry Winthrop, A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Boston,</i>	421 Mass. Ave.,
Cooper, Garrett DeGraff, PH.B. ( <i>De Pauw Univ.</i> ) 1897,	<i>Chicago, Ill.</i>	[Boston. 40 Kirkland St.
Cooper, James Horatio, A.B. ( <i>De Pauw Univ.</i> ) 1895, A.B. ( <i>Harvard Univ.</i> ) 1897,	<i>Terre Haute, Ind.</i>	40 Kirkland St.

Corbett, Nicholas Desmond, A.B. ( <i>Boston Coll.</i> ) 1897,	<i>Dorchester,</i>	12 Pleasant St., [Dorchester.
Cotton, Joseph Potter, Jr., A.B. 1896, A.M. 1897,	<i>Newport, R. I.</i>	Hilton A.
Cotton, William Dudley, Jr., A.B. 1897,	<i>Roxbury,</i>	77 Walnut Park, [Roxbury.
Coughlan, George Rice, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Adams, N. Y.</i>	65 Hammond St.
Cresap, Ernest Boyd, A.B. 1897,	<i>Uhrichville, O.</i>	Felton 14.
Cronin, Charles Henry, A.B. 1897,	<i>Boston,</i>	13 Weld Hill St., [Boston.
Cross, Harry Parsons, A.B. ( <i>Yale Univ.</i> ) 1896,	<i>Providence, R. I.</i>	41A Irving St.
Cunningham, Atkins Buie, A.B. 1897,	<i>Baltimore, Md.</i>	P. 26.
Curley, Charles Fallon, A.B. ( <i>Georgetown Univ., D. C.</i> ) 1897,	<i>Wilmington, Del.</i>	10 Frisbie Pl.
Davis, Malcolm Brooks, A.B. 1897,	<i>Cambridge,</i>	8 Clinton St.
Davis, Percy Boyd, PH.B. ( <i>Univ. of Chicago</i> ), 1897,	<i>Chicago, Ill.</i>	10 Frisbie Pl.
Davis, Robert Charles, A.B. 1897,	<i>Fall River,</i>	3 Sumner St.
Denison, Winfred Thaxter, A.B. 1896,	<i>Portland, Me.</i>	W. 51.
Devlin, James Henry, Jr., A.B. ( <i>Boston Coll.</i> ) 1897,	<i>Allston,</i>	596 Cambridge St., [Allston.
Dexter, William Endicott, A.B. 1897,	<i>Brookline,</i>	Little's 20.
Doe, Robert, ( <i>Harvard Coll. Senior</i> ),	<i>Rollinsford, N. H.</i>	54 Langdon St.
Dolan, Arthur Walter, A.B. ( <i>Bos- ton Coll.</i> ) 1897,	<i>Charlestown,</i>	30 Rutherford Ave., [Charlestown.
Dorr, Goldthwait Higginson, A.B. 1897,	<i>Orange, N. J.</i>	D. 7.
Draper, Arthur Joy, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Hopedale,</i>	Winthrop 30.
Drury, George Peters, A.B. 1897,	<i>Waltham,</i>	Linden St., [Waltham.
Ely, Moses, A.B. 1896,	<i>Cambridge,</i>	17 Buckingham St.
Endicott, Henry, Jr., A.B. 1897,	<i>Boston,</i>	12 Oxford St.
Essig, Erskine Birch, A.B. ( <i>Univ. of Pennsylvania</i> ) 1897,	<i>Spokane, Wash.</i>	74 Dalton St., [Boston.
Esty, Robert Pegram, A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Amherst,</i>	19 Rutland St.

Fairbanks, Hiland Lockwood, A.B. ( <i>Bowdoin</i> ) 1895,	<i>Bangor, Me.</i>	39 Irving St.
Fife, Joseph Paull, A.B. ( <i>Leland Stanford Jr. Univ.</i> ) 1896,	<i>Pasadena, Cal.</i>	3 Sumner St.
Fitzgerald, Thomas Francis, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Charlestown,</i>	[Charlestown. 15 Lexington St.,
Fogarty, Francis William, A.B. ( <i>Boston Coll.</i> ) 1897,	<i>Roxbury,</i>	[Roxbury. 80 W. Cottage St.,
Fox, Edward Winslow, ( <i>Harvard Coll.</i> ),	<i>Portland, Me.</i>	473 Broadway.
Frame, John Musser, A.B. ( <i>Princeton Coll.</i> ) 1897,	<i>Reading, Pa.</i>	55 Hammond St.
Friedman, Herbert Jacob, A.B. 1897,	<i>Chicago, Ill.</i>	42 Kirkland St.
Frost, Samuel Tufts, ( <i>Harvard Coll. Senior</i> ),	<i>Roxbury,</i>	P. 6.
Gaskill, Nelson Burr, A.B. ( <i>Princeton Coll.</i> ) 1896,	<i>Mt. Holly, N. J.</i>	20 St. Boltoph St.,
Gasser, Roy Cullen, s.B. ( <i>Ohio Wesleyan Univ.</i> ) 1894,	<i>Paulding, O.</i>	[Boston. 16 Carver St.
Gay, Ernest Lewis, A.B. 1897,	<i>Boston,</i>	Craigie 107.
Gerard, Sumner Kemble, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>New York, N. Y.</i>	Winthrop 16.
Goodrich, Clinton Burr, A.B. ( <i>Williams Coll.</i> ) 1897,	<i>No. Adams,</i>	53 Wendell St.
Goodwin, Joseph William, Jr. A.B. 1895,	<i>Wolfboro, N. H.</i>	1680 Cambridge St.
Gordon, George, A.B. ( <i>Ind. Univ.</i> ) 1890, ( <i>Xenia Theol. Sem.</i> ) 1897,	<i>Cabin Hill, N. Y.</i>	124 Antrim St.
Gratwick, Fred Coleman, A.B. 1897,	<i>Buffalo, N. Y.</i>	60 Brattle St.
Graver, Albert Brooks, A.B. ( <i>Princeton Coll.</i> ) 1897,	<i>Oakmont, Pa.</i>	18 Sumner St.
Gray, Henry Gunther, A.B. 1897,	<i>New York, N. Y.</i>	W. H. 29.
Gray, John Clinton, Jr., A.B. 1897,	<i>New York, N. Y.</i>	60 Brattle St.
Green, Edward James, A.B. 1897,	<i>Jamestown, N. Y.</i>	1727 Cambridge St.
Greene, Jerome Davis,	<i>Cambridge,</i>	67 Mt. Auburn St.
Gregory, Eugene Monroe, A.B. 1897,	<i>Bordentown, N. J.</i>	S. 10.
Hagermann, George Franklin, A.B. 1897,	<i>Lowell,</i>	D. 39.

Halle, Eugene Samuel, A.B. 1897,	<i>Cleveland, O.</i>	P. 52.
Hamilton, Alfred Starr, S.B. ( <i>Mass. Inst. Tech.</i> ) 1897,	<i>Albany, N. Y.</i>	111 Trowbridge St.
Harkness, Frank Edgerton, A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Chicago, Ill.</i>	Ware 28.
Harrington, William Watson, A.B. ( <i>Delaware State Coll.</i> ) 1895,	<i>Farmington, Del.</i>	21 Mellen St.
Hart, William Augustus, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>New Haven, Conn.</i>	Winthrop 21.
Hastings, George Bulkley, A.B. 1897,	<i>Boston,</i>	Brookline Ave., [Boston.]
Hayward, Harry Woodford, A.B. ( <i>Trinity Coll.</i> ) 1897,	<i>Presque Isle, Me.</i>	1134 Mass. Ave.
Hendrick, Frank, A.B. 1897,	<i>Boston,</i>	G. 3.
Hester, Oran Thomas, A.B. ( <i>Kan- sas State Univ.</i> ) 1897,	<i>Haviland, Kan.</i>	12 Howland St.
Hills, George Ernest, A.B. 1897,	<i>Boston,</i>	Beck 33.
Hitchcock, Reuben, PH.B. ( <i>Yale Univ.</i> ) 1897,	<i>Cleveland, O.</i>	Winthrop 18.
Hollister, Stanley, A.B. 1897,	<i>Santa Barbara, Cal.</i>	W. H. 5.
How, Louis, A.B. 1895,	<i>St. Louis, Mo.</i>	44 Brattle St.
Hubbell, William Stone, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Boston,</i>	Winthrop 23.
Huntington, John Perit, A.B. ( <i>Williams Coll.</i> ) 1894,	<i>Norwich, Conn.</i>	78 Oxford St.
Jackman, Ralph Willwarth, B.L. ( <i>Univ. of Wis.</i> ) 1897,	<i>Janesville, Wis.</i>	Winthrop 25.
Jenkins, Michael Ernest, A.B. ( <i>Johns Hopkins Univ.</i> ) 1897,	<i>Baltimore, Md.</i>	Prescott 8.
Jones, Arthur Morse, A.B. 1897,	<i>Cambridge,</i>	285 Harvard St.
Kennard, William Wentworth, A.B. 1897,	<i>Somerville,</i>	Somerville.
Kimball, David, A.B. 1893, A.M. 1897,	<i>Boston,</i>	91 Mass. Ave.
Kimbley, Frank Ray, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Owensboro, Ky.</i>	Winthrop 7.
Kinnicutt, Francis Harrison, A.B. 1897,	<i>New York, N. Y.</i>	H'y 16.
Lane, Herbert Trumbull, A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Newton Centre,</i>	Newton Centre.
Lane, Richard Joseph, A.B. ( <i>Bos- ton Coll.</i> ) 1897,	<i>So. Boston,</i>	55 Hammond St.

Latimer, Jonathan Guy, S.B. ( <i>Knox Coll.</i> )-1897,	<i>Abington, Ill.</i>	18 Sumner St.
Ledyard, Henry, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Detroit, Mich.</i>	Winthrop 20.
Letton, Harold Willis, PH.B. ( <i>Yale Univ.</i> ) 1897,	<i>Chicago, Ill.</i>	Winthrop 22.
Lewis, Arthur Gardner, A.B. 1896, A.M. 1897,	<i>Chicago, Ill.</i>	958 Mass. Ave.
Lewis, John Hart, A.B. 1895, A.M. 1896,	<i>St. Albans, Vt.</i>	Winthrop 8.
Logan, Edward Laurence, ( <i>Harvard Coll. Senior</i> ),	<i>So. Boston,</i>	H'y 6.
McIntire, Stephen Andrew, A.B. 1893,	<i>Pawtucket, R. I.</i>	1595 Mass. Ave.
McWilliams, Roy, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Chicago, Ill.</i>	Winthrop 7.
Mahoney, Florence Joseph, A.B. 1897,	<i>Hopkinton,</i>	1810 Mass. Ave.
Mansur, Frederick Whiting, A.B. 1897,	<i>Groton,</i>	20 Ware St.
Marcy, Robert, A.B. 1897,	<i>Belmont,</i>	Belmont.
Mason, Howard Curry, ( <i>Harvard Coll. Senior</i> ),	<i>Boone, Ia.</i>	W. H. 14.
Mee, John Hubert, PH.B. ( <i>Univ. of California</i> ) 1897,	<i>San Francisco, Cal.</i>	C't 46
Merriam, Joseph Edwin, A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Greenville, N. H.</i>	118 Chandler St., [Boston.]
Millard, Everett Lee, ( <i>Harvard Coll. Senior</i> ),	<i>Highland Park, Ill.</i>	M. 23.
Monroe, Arthur, A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Spencer,</i>	W. 53.
Moore, Duncan Mackay, A.B. ( <i>Princeton Coll.</i> ) 1897,	<i>Mt. Carroll, Ill.</i>	12 Howland St.
Moore, John Tomys, A.B. ( <i>Princeton Coll.</i> ) 1897,	<i>Arnold, Pa.</i>	P. 33.
Morrill, Arthur Putnam, PH.B. ( <i>Yale Univ.</i> ) 1896,	<i>Concord, N. H.</i>	49 Oxford St.
Morrill, Frank Nash, A.B. 1897,	<i>Hiawatha, Kans.</i>	Lawrence 29.
Morse, Herbert Richardson, ( <i>Harvard Coll. Senior</i> ),	<i>W. Roxbury,</i>	P. 8.
Mulberger, Arthur, A.B. ( <i>Univ. of Wisconsin</i> ) 1897,	<i>Watertown, Wis.</i>	381 Harvard St.
Murphy, Daniel Fenton, A.B. 1897,	<i>Thompsonville, Conn.</i>	S. 7.

Nash, Duane Howard, A.B. ( <i>Amherst Coll.</i> ) 1893,	<i>Amherst,</i>	[Boston. 118 Chandler St.,
Neal, John Frederick, A.B. 1897,	<i>Malden,</i>	28 Holyoke St.
Newman, Thomas Jefferson, B.L. ( <i>State Univ. of Missouri</i> ) 1897,	<i>Mt. Vernon, Mo.</i>	8 Story St.
Noble, John, Jr., A.B. 1897,	<i>Roxbury,</i>	W. H. 26.
O'Brien, Lewis Ogden, A.B. 1897,	<i>New York, N. Y.</i>	W. H. 49.
O'Brien, William Lewis, A.B. ( <i>Dartmouth Coll.</i> ) 1897,	<i>Allston,</i>	[Allston. 47 Gardner St.,
Olds, Robert Edwin, A.B. 1897,	<i>St. Paul, Minn.</i>	D. 23.
Overholt, Karl Frick, A.B. ( <i>Wooster Univ.</i> ) 1897,	<i>Wooster, O.</i>	Winthrop 9.
Parker, William Thornton, Jr., S.B. ( <i>Mass. Inst. Tech.</i> ) 1897,	<i>Springfield,</i>	T. 14.
Patch, Isaac, A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Gloucester,</i>	19 Rutland St.
Patrick, Henry Beveridge, A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Newtonville,</i>	Newtonville.
Peaks, Francis Chadbourne, A.B. ( <i>Bowdoin Coll.</i> ) 1896.	<i>Dover, Me.</i>	
Peckham, William Torrey, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Providence, R. I.</i>	2 Holmes Pl.
Pender, Horace Gibson, A.B. ( <i>Dartmouth Coll.</i> ) 1897,	<i>Portsmouth, N. H.</i>	49 Oxford St.
Perry, Drake Thorndyke, A.B. 1897,	<i>Cleveland, O.</i>	P. 23.
Pettigrew, Bertrand Linwood, A.B. ( <i>Bates Coll.</i> ) 1895,	<i>Lewiston, Me.</i>	92 Wendell St.
Phelan, Michael Francis, A.B. 1897,	<i>Lynn,</i>	H'ke 14.
Pierce, Charles Sumner, A.B. 1895,	<i>Milton,</i>	Craigie 505.
Pitman, Edward Franklin ( <i>Harvard Coll. Senior</i> ),	<i>Salem,</i>	W. 34.
Poland, Willard Norman, A.B. 1897,	<i>W. Roxbury,</i>	C. 25.
Potts, Joseph, A.B. 1897,	<i>Kansas City, Mo.</i>	10 Mellen St.
Pratt, John Teele, A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Brooklyn, N. Y.</i>	Ware 28.
Price, Wilson Clark, A.B. ( <i>Leeland Stanford Univ.</i> ) 1897,	<i>Jamestown, N. Y.</i>	3 Sumner St.
Robbins, Reginald Laurant, A.B. 1897,	<i>Hingham,</i>	H. 31.

Roberts, Watkins William, A.B. 1897,	<i>Lawrence,</i>	F. 3.
Robinson, Sanford, A.B. ( <i>Williams Coll.</i> ) 1896,	<i>No. Adams,</i>	D. H. 1.
Rogers, William Bowditch, A.B. 1896,	<i>Boston,</i>	169 Commonwealth [Ave., Boston.
Rollins, Weld Allen, A.B. ( <i>Dartmouth Coll.</i> ) 1897,	<i>Portland, Me.</i>	1683 Cambridge St.
Rumsey, William Lacy, A.B. 1897,	<i>Wolcott, N. Y.</i>	G. 14.
Russell, George Bagg, A.B. ( <i>Univ. of Michigan</i> ) 1895,	<i>Detroit, Mich.</i>	1734 Cambridge St.
Ryan, Charles Patrick, A.B. ( <i>Holy Cross Coll.</i> ) 1897,	<i>Fall River,</i>	67 Oxford St.
Sage, Dean, Jr. A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Albany, N. Y.</i>	W. H, 29.
Scaife, Roger Livingston, A.B. 1897,	<i>Boston,</i>	380 Marlborough [St., Boston.
Schuyler, George Hayward, A.B. ( <i>Yale Univ.</i> ) 1896,	<i>Pana, Ill.</i>	18 Sumner St.
Scott, Arnold, A.B. 1897,	<i>Leominster,</i>	H'y 9.
Scott, Henry Russell, A.B. 1897,	<i>Burlington, Ia.</i>	P. 49.
Scott, Wilbur Allen, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Diamond Hill, R. I.</i>	1683 Cambridge St.
Sears, Loring Putnam, A.B. 1897,	<i>Cambridge,</i>	16 Avon St.
Swell, William Gilman ( <i>Harvard Coll. Senior</i> ),	<i>Boston,</i>	Craigie 107.
Shaw, Henry Bigelow, PH.B. ( <i>Univ. of Vermont</i> ) 1896,	<i>Burlington, Vt.</i>	Winthrop 10.
Skeels, Lynn Charles, A.B. ( <i>Oberlin Coll.</i> ) 1896,	<i>Ravenna, O.</i>	12 Howland St.
Smith, John Duke, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Andover,</i>	Craigie 105.
Smith, Maxwell Tappan, A.B. 1897,	<i>Auburn, Me.</i>	F. 3.
Smitham, James, A.B. ( <i>Princeton Coll.</i> ) 1897,	<i>Nesquehoning, Pa.</i>	52 Wendell St.
Stackpole, Pierpont Langley, A.B. 1897,	<i>Boston,</i>	Lawrence 15.
Stanley, Richard Balkam, A.B. ( <i>Bates Coll.</i> ) 1897,	<i>Lewiston, Me.</i>	12 Kirkland Pl.
Stickney, Albert, Jr.	<i>New York, N. Y.</i>	W. H. 5.
Sullivan, James Amory, A.B. 1897,	<i>Malden,</i>	Craigie.

Sullivan, John Benjamin, Jr., A. B. 1897,	<i>Taunton,</i>	T. 39.
Sumner, Graham, A. B. ( <i>Yale Univ.</i> ) 1897,	<i>New Haven, Ct.</i>	20 Lawrence Hall.
Tate, Dale Stouffer, A. B. ( <i>Yale Univ.</i> ) 1897,	<i>Pittsburgh, Pa.</i>	Winthrop 28.
Taylor, Charles Langhorn, S. B. ( <i>Univ. of Pennsylvania</i> ) 1897,	<i>Oakford, Va.</i>	Roslindale.
Thacher, Archibald Gourlie, A. B. 1897,	<i>Boston,</i>	W. H. 4.
Thomas, Victor Sumner, A. B. 1895, A. M. 1896,	<i>Wilmington, Del.</i>	Craigie 503.
Thomson, Frank Graham, A. B. 1897,	<i>Philadelphia, Pa.</i>	2 Holmes Pl.
Thornley, William Henry, Jr., P. B. ( <i>Brown Univ.</i> ) 1897,	<i>Pawtucket, R. I.</i>	Pawtucket, R. I.
Tirrell, Prince Henry, A. B. ( <i>Yale Univ.</i> ) 1897,	<i>So. Weymouth,</i>	P. 19.
Tufts, Theodore Appleton, A. B. ( <i>Holy Cross Coll.</i> ) 1897,	<i>Beverly,</i>	1671 Cambridge St.
Twombly, Howland, A. B. ( <i>Yale Univ.</i> ) 1896,	<i>Newton,</i>	44 Franklin St., [Newton.]
Vann, Irving Dillaye, A. B. ( <i>Yale Univ.</i> ) 1897,	<i>Syracuse, N. Y.</i>	Winthrop 17.
Vincent, William Howard, A. B. 1897.	<i>Winthrop,</i>	Winthrop.
Walcott, Philip Keyes, A. B. 1897,	<i>Concord,</i>	W. H. 18.
Walling, William English, S. B. ( <i>Univ. of Chicago</i> ) 1897,	<i>Chicago, Ill.</i>	Dunster 56.
Walsh, Joseph Patrick, A. B. ( <i>Boston Coll.</i> ) 1897,	<i>Boston,</i>	22 Kendall St., [Boston.]
Warren, Edward Henry, A. B. 1895, A. M. ( <i>Columbia Univ.</i> ) 1896,	<i>Cambridge,</i>	Craigie 503.
Warren, Joseph, A. B. 1897,	<i>Boston,</i>	58 Beacon St., [Boston.]
Wells, Edgar Huidekoper, A. B. 1897,	<i>Boston,</i>	16 Hereford St., [Boston.]
Whipple, George Harding, Ph. B. ( <i>Univ. of California</i> ) 1897,	<i>San Francisco, Cal.</i>	C't 46.
Wickham, Thomas Youngs, A. B. ( <i>Princeton Coll.</i> ) 1896,	<i>Ainsworth, Ia.</i>	52 Wendell St.
Wilson, John McCalmont, A. B. ( <i>Bucknell Coll.</i> ) 1897,	<i>Franklin, Pa.</i>	W. H. 15.



- Wilson, Worrall, A.B. (*Yale Univ.*) 1897, *Colorado Springs, Colo.* Winthrop 28.
- Winthrop, Beekman, A.B. 1897, *New York, N. Y.* Beck 3.
- Wolcott, George Chandler, A.B. (*Cornell Univ.*) 1896, *Rochester, N. Y.* 1664 *Mass. Ave.*
- Woodard, Morrison Colyer, PH.B. (*Univ. of Michigan*) 1897, *Clinton, Wis.* T. 61.
- Woodbridge, Francis (*Harvard Coll. Senior*), *Cambridge,* 123 Oxford St.
- Woodworth, Edward Knowlton, L.B. (*Dartmouth Coll.*) 1897, *Concord, N. H.* 49 Oxford St.
- Wright, Harry Manville, A.B. (*Univ. of California*) 1894, *San Francisco, Cal.* S. 15.
- Wrightington, Sydney Russell, A.B. 1897, *Fall River,* 20 Ware St.
- Wyman, Bruce, A.B. 1896, A.M. 1897, *Hyde Park,* H. 21.
- Yantis, Samuel Stewart, A.B. (*Wesleyan Coll.*) 1896, A.B. (*Princeton Coll.*) 1897, *Poplar Plains, Ky.* 10 Appian Way.

## SPECIAL STUDENTS.

- Ayers, William Burton, *Rosburg, N. Y.* C. 57.
- Beatty, William Henry, A.B. (*Univ. of Washington*) 1896, *Seattle, Wash.* C. 20.
- Bolton, Reuben Howard, A.B. (*Findlay Coll.*) 1895, *Everett,* 57 Central Ave., [Everett.]
- Christy, George Dorr, S.B. (*Univ. of So. California*) 1890, *Phoenix, Ariz.* 1586 Cambridge St.
- Cooch, Edward Webb, B.C.E. (*Delaware Coll.*) 1895, *Cooch's Bridge, Del.* 21 Mellen St.
- Cunningham, Joseph James, A.B. (*Seton Hall Coll.*) 1897, *Providence, R. I.* 1671 Cambridge St.
- Dickinson, Harry Fellows, LL.B. (*Univ. of Wisconsin*) 1895, *Rockford, Ill.* 12 Mt. Auburn St.
- Dickson, Joseph, Jr. *St. Louis, Mo.* H. 12.
- Donham, Harold Gregory, *Portland, Me.* 12 Francis Ave.
- Foulke, Roland Roberts, LL.B. (*Univ. of Pennsylvania*) 1897, *Philadelphia, Pa.* W. H. 38.
- Freese, John Henry, *Bangor, Me.* 16 Oxford St.
- Green, Frederick William, LL.B. (*Western Reserve Univ.*) 1896, *Independence, O.* 13 Howland St.

Holliday, George Judson, LL.B. ( <i>Centre Coll.</i> ) 1897,	<i>Marion, S. C.</i>	1697 Cambridge St.
Houlden, Robert Taylor,	<i>Pittsburg, Pa.</i>	51 Wendell St.
Hurley, Edward Martin,	<i>Lynn,</i>	6 Story St.
Kimberly, Samuel Charles,	<i>Saginaw, Mich.</i>	Dunster 23.
Kovacevich, Francis Joseph, A.B. ( <i>St. Ignatius Coll.</i> ) 1897,	<i>Chicago, Ill.</i>	54 Hammond St.
McGregor, LeRoy,	<i>Florence, Ala.</i>	10 Appian Way.
Mills, Mountfort,	<i>Boston,</i>	Lawrence 4.
Monro, George Nugent, Jr.	<i>Pittsburg, Pa.</i>	1689 Cambridge St.
Nickerson, Henry Franklin,	<i>Fall River,</i>	67 Oxford St.
Partridge, Olcott Osborn, A.B. ( <i>Williams Coll.</i> ) 1894,	<i>Pittsfield,</i>	81 Oxford St.
Peevey, Henry Hinds, S.B. ( <i>A. and M. Coll. of Alabama</i> ) 1895, M.S. ( <i>ibid.</i> ) 1896,	<i>Huntsville, Ala.</i>	1686 Cambridge St.
Quinlan, James Francis, A.B. ( <i>St. John's Coll.</i> ) 1897,	<i>Brookline,</i>	52 High St., [Brookline.]
Reitzell, William Rufus, S.B. ( <i>Penn. State Coll.</i> ) 1896,	<i>Clear Spring, Md.</i>	43 Irving St.
Rubenstein, Philip,	<i>Chelsea,</i>	39 Ellery St.
Shaw, Samuel Carter, A.B. ( <i>Yale Univ.</i> ) 1891,	<i>Redding Ridge, Conn.</i>	48 Allerton St.,
Shea, Daniel James Joseph,	<i>Jamaica Plain,</i>	H. 4. [Brookline.]
Shepherd, Leslie Hugh,	<i>Lone Jack, Mo.</i>	49 Trowbridge St.
Smith, Albert Preston, A.B. ( <i>DePauw Univ.</i> ) 1895,	<i>Indianapolis, Ind.</i>	W. 40.
Soule, Melville Glenn, A.B. ( <i>Mon- mouth Coll.</i> ) 1897,	<i>Monmouth, Ill.</i>	P. 4. [Dorchester.]
Splaine, Herbert James,	<i>Dorchester,</i>	3 Midland St.,
Stevens, Raymond Bartlett,	<i>Lisbon, N. H.</i>	44 Mt. Auburn St.
Sullivan, John Cotter, A.B. ( <i>Rock Hill Coll.</i> ) 1896,	<i>San Antonio, Tex.</i>	W. H. 44.
Tapper, Elmer Joseph, A.B. ( <i>Lombard Univ.</i> ) 1897,	<i>Riverside, Ill.</i>	H. 3.
Thacher, John Hamilton, A.B. ( <i>Princeton Coll.</i> ) 1895,	<i>Kansas City, Mo.</i>	2 Gorham St.
Tyson, Archibald Lowndes, S.B. ( <i>Univ. of Alabama</i> ) 1895, LL.B. ( <i>ibid.</i> ) 1896,	<i>Montgomery, Ala.</i>	1686 Cambridge St.
Ufford, Frank Parker, PH.B. ( <i>Cornell Univ.</i> ) 1896,	<i>Barton, Vt.</i>	51 Trowbridge St.
Watt, Robert Pitcairn,	<i>Pittsburg, Pa.</i>	4 Arrow St.
Whaley, Allen Weston, A.B. ( <i>Clafin Univ.</i> ) 1883,	<i>Boston.</i>	[Boston.] 56 Beach St.,
Whitmore, William Davie, Jr.	<i>Quincy, Ill.</i>	H. 12. [Boston]

## SUMMARY.

RESIDENT BACHELORS OF LAW . . . . .	2
THIRD YEAR STUDENTS . . . . .	129
SECOND YEAR STUDENTS . . . . .	159
FIRST YEAR STUDENTS . . . . .	217
SPECIAL STUDENTS . . . . .	41
TOTAL . . . . .	548

GRADUATES OF COLLEGES (see table below) . . . . .	487
HARVARD COLLEGE SENIORS ON LEAVE OF ABSENCE . . . . .	12
GRADUATES OF LAW SCHOOLS . . . . .	5
NON-GRADUATES . . . . .	44
TOTAL . . . . .	548

University of Alabama . . . . .	2	Massachusetts Institute of Technology . . . . .	4
A. & M. College of Alabama . . . . .	1	University of Michigan . . . . .	3
Alfred University . . . . .	1	Middlebury College . . . . .	1
Amherst College . . . . .	15	State University of Missouri . . . . .	1
Bates College . . . . .	5	Monmouth College . . . . .	1
Boston College . . . . .	6	University of New Brunswick . . . . .	1
Boston University . . . . .	1	Northwestern College . . . . .	1
Bowdoin College . . . . .	7	No. Western Missouri Normal School, . . . . .	1
Brown University . . . . .	21	Notre Dame University . . . . .	1
Bucknell University . . . . .	1	Oberlin College . . . . .	2
University of California . . . . .	5	Ohio State University . . . . .	1
University of Chicago . . . . .	2	Pennsylvania College . . . . .	1
Clafin University . . . . .	1	University of Pennsylvania . . . . .	2
Colby University . . . . .	2	Princeton University . . . . .	21
Colgate University . . . . .	2	Rock Hill College . . . . .	1
Columbia University . . . . .	2	St. Ignatius College . . . . .	2
Cornell University . . . . .	7	St. John's (New York) . . . . .	1
Creighton College . . . . .	1	St. Joseph's College . . . . .	1
Dalhousie University . . . . .	1	St. Lawrence University . . . . .	1
Dartmouth College . . . . .	10	St. Louis University . . . . .	1
Delaware State College . . . . .	2	St. Xavier College . . . . .	1
DePauw University . . . . .	6	Seton Hall College . . . . .	1
Findlay College . . . . .	1	University of Southern California . . . . .	1
Geneva College . . . . .	2	Trinity College . . . . .	5
University of Georgia . . . . .	1	Tufts College . . . . .	1
Georgetown University . . . . .	2	Tulane University . . . . .	2
Harvard University . . . . .	228	Union University . . . . .	2
Hillsdale College . . . . .	1	Vanderbilt University . . . . .	1
Holy Cross College . . . . .	6	University of Vermont . . . . .	2
Indiana University . . . . .	1	University of Washington . . . . .	1
Iowa College . . . . .	1	Washington and Jefferson University, . . . . .	1
State University of Iowa . . . . .	1	Wesleyan University (Ohio) . . . . .	1
Johns Hopkins University . . . . .	2	Western Reserve University . . . . .	1
State University of Kansas . . . . .	1	Williams College . . . . .	9
University of Kentucky . . . . .	1	University of Wisconsin . . . . .	2
Knox College . . . . .	4	University of Wooster . . . . .	1
Lake Forest University . . . . .	1	Yale University . . . . .	43
Leland Stanford Jr. University . . . . .	7		
Lombard University . . . . .	2		487
McGill University . . . . .	1	Number of Colleges . . . . .	77

# THE MEDICAL SCHOOL.

## COURSES FOR GRADUATES.

1896-97.\*

Bancroft, Frank Watts, s.B. ( <i>Univ. of Cal.</i> ) 1894, m.s. ( <i>ibid.</i> ) 1896,	<i>Cambridge.</i>
Bartol, John Washburn, A.B. 1887, M.D. 1891,	<i>Boston.</i>
Battershall, Joseph Ward, M.D. ( <i>Coll. of P. &amp; S., N. Y.</i> ) 1874,	<i>Attleboro.</i>
Bell, Robert, M.D. 1884,	<i>Roxbury.</i>
Betts, Helen Loretta, M.D. ( <i>Woman's Med. Coll. of Penn.</i> ) 1872,	<i>Jamaica Plain.</i>
Bridgham, Samuel Crosby, M.D. ( <i>Bowdoin Coll.</i> ) 1882,	<i>So. Braintree.</i>
Brough, David Dandie, A.B. ( <i>Princeton Coll.</i> ) 1888, M.D. 1892,	<i>Boston.</i>
Brown, Roscoe Ellsworth, M.D. 1876,	<i>Everett.</i>
Burrell, Herbert Leslie, M.D. 1879,	<i>Boston.</i>
Cheney, Frederick Edward, M.D. 1885,	<i>Boston.</i>
Clark, Joseph Payson, A.B. 1882, M.D. 1887,	<i>Boston.</i>
Cushing, Hayward Warren, A.B. 1877, M.D. 1882,	<i>Boston.</i>
Day, Clarence Currier, M.D. ( <i>Dartmouth Med. School</i> ) 1891,	<i>Newburyport.</i>
Deshon, George Durfee, M.D. ( <i>Bellevue Hosp. Med. Coll.</i> ) 1890, M.D. ( <i>Univ. of Pa.</i> ) 1893,	<i>Boston.</i>
Donoghue, Francis Dennis, M.D. 1894,	<i>Boston.</i>
Fernald, Walter Elmore, M.D. ( <i>Bowdoin Coll.</i> ) 1881,	<i>Waverley.</i>
Foss, John William, M.D. ( <i>American Health Univ.</i> ) 1894,	<i>Boston.</i>
Foster, Clarence Atwood, M.D. 1889,	<i>Somerville.</i>
Gatchell, Willis Le Forest, M.D. ( <i>Maine Med. School</i> ) 1882,	<i>Jamaica Plain.</i>
Gay, Warren Fisher, A.B. 1890, M.D. 1893,	<i>Boston.</i>
George, Arthur Phillips, M.D. ( <i>Dartmouth Med. Coll.</i> ) 1896,	<i>Haverhill.</i>

\* Entering after the issue of the Catalogue of 1896-97.

- Goddard, Henry Edward, A.B. (*Brown Univ.*)  
1895, M.D. (*Dartmouth Med. Coll.*) 1896, *Brockton.*
- Greene, Lorenzo Milton, M.D. (*Univ. of Vt.*)  
1876, *Bethel, Vt.*  
*Boston.*
- Greene, Nathaniel, M.D. 1862,
- Greene, William Addison, M.D. (*Dartmouth Med.*  
*Coll.*) 1897, *Amesbury.*  
*Beverly.*
- Hayes, Thomas Joseph, M.D. 1887,
- Hunt, Alden Franklin, M.D. (*Med. School of Me.*)  
1889, *Portland, Me.*  
*Boston.*
- Jelly, Arthur Carlton, A.M., M.D. 1891,
- Johnson, Hiram Leonard, M.D. (*Dartmouth Med.*  
*Coll.*) 1896, *Boston.*
- Kelly, Michael, A.M. (*Holy Cross Coll.*) 1879, M.D.  
(*Bellevue Hosp. Med. Coll.*) 1885, *Fall River.*
- Kingsbury, Albert Dexter, M.D. (*Georgetown Med.*  
*Coll.*) 1869, *Boston.*
- Kittredge, Frank Everett, M.D. (*Univ. of Pa.*)  
1885, *Nashua, N. H.*
- Knowles, James Harris, A.B. (*Dalhousie Coll.*)  
1882, M.D. (*Univ. of Pa.*) 1886, *Gloucester.*
- Mangan, John Joseph, M.D. (*Coll. of P. & S.,*  
*Boston*) 1891, A.M. (*Holy Cross Coll.*) 1896, *Lynn.*
- McCreery, George, A.M. (*St. John's Coll.*) 1876,  
M.D. (*Bellevue Hosp. Med. Coll.*) 1877, *Boston.*
- Morrison, William Alexander, M.D. 1889,  
*East Boston.*
- Page, Calvin Gates, A.B. 1890, M.D. 1894,  
*Boston.*
- Painter, Charles Fairbank, A.B. (*Johns Hopkins*  
*Univ.*) 1891, M.D. 1895, *Boston.*
- Saltmarsh, George Harrison, M.D. (*Dartmouth*  
*Coll.*) 1883, *Lakeport, N. H.*  
*Boston.*
- Stone, James Savage, A.M., M.D. 1894,
- Storer, John, M.D. (*Hahnemann Med. Coll., Chi-*  
*cago*), *Jamaica Plain.*
- Swan, Will Howard, M.D. 1891, *Beverly.*
- Swarts, Gardner Tabor, M.D. 1879, *Providence, R. I.*
- Sylvester, William Hillman, M.D. (*Bowdoin Med.*  
*School*) 1876, *Natick.*
- Tucker, Samuel Chase, M.D. (*Dartmouth Med.*  
*School*) 1892, *Peabody.*
- White, Charles James, A.B. 1890, M.D. 1893,  
*Boston.*
- Whitney, Charles Melville, M.D. 1887, *Boston.*

## 1897-98.

- Bartol, John Washburn, A.B. 1887, M.D. 1891, *Boston.*
- Barton, Walter Emery, M.D. (*Univ. of Vermont*) 1897, *Boston.*
- Blodgett, Stephen Haskell, M.D. 1887, *Cambridge.*
- Brown, Frank Byron, M.D. (*Bowdoin Med. Coll.*) 1887, *Dorchester.*
- \*Brownrigg, Albert Edward, M.D. (*Baltimore Med. Coll.*) 1897, *Pictou, N. S.*
- Burr, Alexander, M.D.V., 1889, *Dorchester.*
- Bushnell, George Ensign, A.B. (*Yale Univ.*) 1876, P.H.D. (*ibid.*) 1878, *Boston.*
- \*Chapman, Lorenzo, M.D. 1893, *Amherst, N. S.*
- Cogswell, William, M.D. 1894, *Boston.*
- Couch, John Francis, M.D. 1872, *Somerville.*
- Cousens, Nicholas William, M.D. (*Trinity Med. Coll.*) 1891, *Waltham.*
- Crown, Frank Byron, M.D. (*Bowdoin Med. Col.*) 1887, *Dorchester.*
- Darling, Walter, M.D. (*Univ. of Minnesota*) 1895, *Minneapolis, Minn.*
- Denny, Francis, A.B. 1891, M.D. 1895, *Brookline.*
- \*Feindel, Joseph Creighton, M.D. (*Coll. of P. & S., Baltimore*) 1894, *New Germany, N. S.*
- \*Foss, John William, M.D. (*American Health Univ.*) 1894, *Boston.*
- Gage, James Arthur, A.B. 1879, A.M. 1880, M.D. 1885, *Lowell.*
- Garceau, Edgar M.D. 1890, *Boston.*
- Gerry, Edwin Peabody, A.B. (*Dartmouth Coll.*) 1869, M.D. 1874, *Jamaica Plain.*
- Goddard, Henry Edward, A.B. (*Brown Univ.*) 1875, M.D. (*Dartmouth Med. School*) 1896, *Brockton*
- Grant, William Herbert, M.D. 1896, *Boston.*
- Hall, Charles Henry, D.V.S. (*American Vet. Coll.*) 1877, M.D. (*Univ. of the City of N. Y.*) 1881, *Boston.*
- \*Hamlin, William Edward, M.D. (*Baltimore Med. Coll.*) 1893, *Waltham.*
- \*Jeffers, Edward, M.D. (*Coll. of P. & S., Baltimore*) 1897, *Parrsboro, N. S.*
- Kingsford, Howard Nelson, M.D. (*Dartmouth Med. Coll.*) 1897, *Providence, R. I.*

\* Graduates taking full course tickets.

McCormick, Thomas Henry, M.D. 1897,	<i>Taunton.</i>
McKenty, John Thomas, A.B. ( <i>Ottawa Univ.</i> ) 1888, M.D. ( <i>McGill Univ.</i> ) 1892,	<i>Waltham.</i>
*McLean, James Clifford, M.D. ( <i>Coll. of P. &amp; S., Baltimore</i> ) 1897,	<i>Kentville, N. S.</i>
Merrill, William Howe, M.D. ( <i>Bowdoin Med. School</i> ) 1888,	<i>Lawrence.</i>
Nason, Osmon Cleander Baker, A.M. ( <i>Brown Univ.</i> ), M.D. ( <i>Boston Univ.</i> ) 1891,	<i>Reading.</i>
Norton, Edwin Hathaway, M.D. ( <i>Coll. of Phys. &amp; Surg., N. Y.</i> ) 1883,	<i>Boston.</i>
O'Connor, Thomas Henry, M.D. ( <i>Bellevue Hospi- tal Med. Coll.</i> ) 1883,	<i>Clinton.</i>
O'Neil, Richard Frothingham, M.D. 1896,	<i>Boston.</i>
Perry, Clarence M.D. ( <i>Dartmouth Med. School</i> ) 1896,	<i>W. Rutland, Vt.</i>
Pond, Gardner Perry, M.D. ( <i>Univ. of California</i> ) 1893,	<i>San Francisco, Cal.</i>
*Ramachandryya, Prabala, A.B. ( <i>Madras Chris- tian Coll.</i> ) 1885, M.D. ( <i>Baltimore Med. Coll.</i> ) 1897,	<i>Madras, India.</i>
Reynolds, Henry Augustus, M.D. 1864,	<i>Pontiac, Mich.</i>
*Rice, Walter Henry, M.D. ( <i>Tufts Med. School</i> ) 1896,	<i>Waltham.</i>
Ring, Arthur Hallam, M.D. ( <i>Boston Univ. School of Medicine</i> ) 1897,	<i>Arlington Heights.</i>
Shaw, Arthur John, M.D. 1894,	<i>Boston.</i>
*Southwick, George Rinaldo, M.D. ( <i>Boston Univ.</i> ) 1881,	<i>Boston.</i>
Storer, John, M.D. ( <i>Hahnemann Med. Coll., Chicago</i> ) 1889,	<i>Jamaica Plain.</i>
Stowell, Edmund Channing, A.B. 1888, M.D. 1892,	<i>Boston.</i>
Sullivan, James Edmund, M.D. ( <i>Bellevue Hosp. Med. Coll.</i> ) 1879,	<i>Providence, R. I.</i>
Thompson, Charles Arthur, M.D. ( <i>Coll. of P. &amp; S., Baltimore</i> ) 1896,	<i>Brookline.</i>
Webster, George Arthur, M.D. 1889,	<i>Boston.</i>
White, Charles James, A.B. 1890, M.D. 1893,	<i>Boston.</i>

\* Graduates taking full course tickets.

## FOURTH CLASS.

Atkinson, Roger Trowbridge, A. B. 1894,	<i>Wakefield.</i>
Bacon, Theodore Spaulding, S. B. ( <i>Boston Univ.</i> ) 1894,	<i>Natick.</i>
Bailey, Walter Channing, A. B. 1894,	<i>East Somerville.</i>
Baleh, Alfred William, P. H. G. ( <i>Mass. Coll. of Pharm.</i> ) 1894,	<i>Boston.</i>
Bartlett, Samuel Danforth,	<i>Woburn.</i>
Beal, Howard Walter,	<i>Boston.</i>
Beebe, Arthur Appleton, A. B. 1894,	<i>Boston.</i>
Binford, Ferdinand Augustus,	<i>Pawtucket, R. I.</i>
Birge, Russell Hall, A. B. ( <i>Brown Univ.</i> ) 1894,	<i>Providence, R. I.</i>
Bonney, Robert,	<i>Chelsea.</i>
Boodro, William Henry,	<i>So. Boston.</i>
Brown, Alphonso Bickford, A. B. ( <i>Yale Univ.</i> ) 1894,	<i>Dover, N. H.</i>
Buck, Maurice Allan,	<i>No. Wilmington.</i>
Cabot, Hugh, A. B. 1894,	<i>Brookline.</i>
Cary, Foster Harrington,	<i>Millbury.</i>
Churchill, Donald, A. B. 1893,	<i>Andover.</i>
Collins, William James,	<i>Ware.</i>
Crandon, LeRoi Goddard, A. B. 1894,	<i>Boston.</i>
Crawford, Francis Xavier, A. B. ( <i>Boston Coll.</i> ) 1894,	<i>So. Boston.</i>
Cronin, Michael John,	<i>Haverhill.</i>
Cummings, Frederic Russell,	<i>Boston.</i>
Currier, William Eugene, A. B. ( <i>Bowdoin Coll.</i> ) 1894,	<i>Leicester.</i>
Davis, Lincoln, A. B. 1894,	<i>Boston.</i>
Dearborn, Sam Starrett, A. B. 1894,	<i>Nashua, N. H.</i>
Donlan, Charles Edwin,	<i>Lowell.</i>
Dorgan, Joseph Aloysius,	<i>Lawrence.</i>
Dowd, Edward Francis, A. B. ( <i>Georgetown Univ.</i> ) 1894,	<i>So. Natick.</i>
Drake, Arthur Knowlton,	<i>Bristol, N. H.</i>
Dray, Frank Raymond, A. B. ( <i>Leland Stanford Jr. Univ.</i> ) 1895,	<i>Sacramento, Cal.</i>
Duckering, William West,	<i>Dorchester.</i>
Ellis, William Raymond,	<i>Cambridge.</i>
Emerson, Ernest Benjamin,	<i>Everett.</i>
Everett, Eugene Ellsworth, A. B. ( <i>Brown Univ.</i> ) 1894,	<i>Boston.</i>
Fair, John Francis,	<i>Natick.</i>



Ferguson, Edward Hugh,	<i>So. Boston.</i>
Field, Harvey Adams,	<i>Quincy.</i>
Fischer, Oscar Edward,	<i>Salem, Mo.</i>
Fitzgerald, Maurice Edward, Jr.	<i>Boston.</i>
Forrest, Robert Francis,	<i>Watertown.</i>
Gallagher, Thomas Morton,	<i>Wellesley.</i>
Gaylord, William Avery,	<i>Pawtucket, R. I.</i>
Germain, Harry Homer,	<i>Los Angeles, Cal.</i>
Gibbons, Sherwin, A.B. 1894,	<i>Jamaica Plain.</i>
Griffin, Clifford Henry, A.B. ( <i>Brown Univ.</i> ) 1894,	<i>Providence, R. I.</i>
Grimes, James Henry,	<i>Boston.</i>
Hamilton, Walter,	<i>Holyoke.</i>
Hancock, John Clifford, A.B. 1895,	<i>Dubuque, Ia.</i>
Hardy, Theodore Everett,	<i>Farmington, Me.</i>
Hart, Joseph Storer,	<i>So. Lincoln.</i>
Hartnett, Edward Daniel,	<i>E. Boston.</i>
Hartwell, Harry Fairbanks, A.B. 1895,	<i>Boston.</i>
Harvey, William Wirt,	<i>Roxbury.</i>
Hatfield, Hugh Kerr,	<i>Boston.</i>
Hayes, Albert Edwin,	<i>Birmingham, Eng.</i>
Healy, Daniel Lawrence, A.B. ( <i>Boston Coll.</i> ) 1894,	<i>W. Newton.</i>
Hinchev, Richard,	<i>Lexington.</i>
Holt, Frank Hammett, PH.G. ( <i>Mass. Coll. of Pharm.</i> ) 1895,	<i>Newport, R. I.</i>
Howard, Eugene Henry, A.B. ( <i>Holy Cross Coll.</i> ) 1894,	<i>No. Brookfield.</i>
Howe, Walter Clarke, A.B. ( <i>Amherst Coll.</i> ) 1894,	<i>Dedham.</i>
Hudnut, Paul Albert,	<i>Wellesley.</i>
Huntington, Alfred Thomas,	<i>Chelsea.</i>
Hyde, Frederick Tanquary,	<i>Winchester, Va.</i>
Johnson, Walter Sydney, A.B. 1894,	<i>Minneapolis, Minn.</i>
Kahn, Maurice,	<i>Leadville, Col.</i>
Keate, Walter,	<i>St. George, Utah.</i>
Kennedy, Harris, A.B. 1894,	<i>Roxbury.</i>
King, Myron Louis,	<i>Cambridge.</i>
Ladd, Maynard, A.B. 1894,	<i>Jamaica, Long Island.</i>
McAllister, Frederick Danforth, A.B. ( <i>Amherst Coll.</i> ) 1894,	<i>Lawrence.</i>
McAuslan, James Lewis,	<i>Marlboro.</i>
McEvoy, George Albert,	<i>Lawrence.</i>
Mackay, Edward Hart,	<i>Clinton.</i>

Mackie, William Charles, A.B. 1894,	<i>Boston.</i>
Magrath, George Burgess, A.B. 1894,	<i>Milton.</i>
Mahoney, Cornelius James,	<i>Providence, R. I.</i>
Manix, Edward Tuck,	<i>Exeter, N. H.</i>
Marston, Joseph Norris,	<i>Lowell.</i>
May, William Ropes, A.B. 1894,	<i>Philadelphia, Pa.</i>
Mellus, Edward, A.B. 1895,	<i>Mattapan.</i>
Merriam, Franklin Henry,	<i>Greenville, N. H.</i>
Moore, James Spencer, A.B. ( <i>Brown Univ.</i> ) 1894,	<i>E. Providence, R. I.</i>
Musgrave, Percy, A.B. 1894,	<i>Boston.</i>
Newton, Edward Roswell,	<i>Hartford, Conn.</i>
O'Brien, Walter John Leo,	<i>So. Boston.</i>
Parker, Edward Grahame,	<i>Auburndale.</i>
Paul, Luther Gordon,	<i>Newton Centre.</i>
Peirce, George Alphonso,	<i>Roxbury.</i>
Perry, Edgar, A.B. ( <i>Brown Univ.</i> ), A.M. ( <i>ibid.</i> ) 1880,	<i>Boston.</i>
Pierce, George Burgess, A.B. 1893,	<i>Milton.</i>
Pike, Forrest Fay,	<i>Roxbury.</i>
Prevaux, John Jacob,	<i>Amesbury.</i>
Provandie, Paul Hector,	<i>Melrose Highlands.</i>
Rideout, Herman Leslie,	<i>Highlands, N. C.</i>
Rose, Alwyn, PH.G. ( <i>Mass. Coll. of Pharm.</i> ) 1890,	<i>Roxbury.</i>
Rose, William Henry,	<i>Worcester.</i>
Ross, Lucretius Henry, A.B. ( <i>Middlebury Coll.</i> ) 1890,	<i>Poultney, Vt.</i>
Rounds, Albert Waterman,	<i>Providence, R. I.</i>
Small, Richard Dresser, A.B. 1894,	<i>Portland, Me.</i>
Stowe, Irving Elmer,	<i>Boston.</i>
Sughrue, Dennis Francis,	<i>Dorchester.</i>
Thompson, Richard Henry, S.B. ( <i>Worcester Poly- tech. Inst.</i> ) 1892,	<i>Boston.</i>
Tilden, Irving Niles, S.B. 1894,	<i>New Bedford.</i>
Tobin, John Henry,	<i>Lawrence.</i>
Truesdale, Philemon Edwards,	<i>Roxbury.</i>
Turner, Charles Humphrey, A.B. ( <i>Williams Coll.</i> ) 1881,	<i>Blackinton.</i>
Walker, David Harold,	<i>Pittsburg, Pa.</i>
Ward, Parker Myles,	<i>Boston.</i>
Ward, William Greenleaf,	<i>Lynn.</i>
Watson, Frank Gilman,	<i>Roxbury.</i>
Weil, Arthur Irving,	<i>Huntsville, Ala.</i>

Weis, Joseph Deutsch,	<i>New Orleans, La.</i>
Wennerberg, Francis Joseph,	<i>Boston.</i>
White, Michael William, A.B. ( <i>Boston Coll.</i> ) 1894,	<i>E. Weymouth.</i>
Williams, Hugh, A.B. 1894,	<i>Brookline.</i>
Woods, Frederick Adams,	<i>Brookline.</i>
Wormelle, Charles Burton,	<i>Brighton.</i>
York, Herbert Leroy,	<i>Dorchester.</i>

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 THIRD CLASS.

Allen, Freeman, A.B. 1893,	<i>Boston.</i>
Bacon, Newton Samuel, A.B. 1895,	<i>Cambridge.</i>
Bailey, William Thomas, S.B. ( <i>Dartmouth Coll.</i> ) 1891,	<i>Nashua, N. H.</i>
Baker, Albert Sherburne, A.B. ( <i>Amherst Coll.</i> ) 1894,	<i>Boston.</i>
Bamji, Manak, L.C.E., B.Sc. ( <i>Bombay Univ.</i> ) 1889,	<i>Bombay, India.</i>
Barnes, James Arthur, A.B. ( <i>Holy Cross Coll.</i> ) 1895,	<i>Fitchburg.</i>
Bedell, Charles Ellsworth,	<i>Somerville.</i>
Boutelle, Harry Clifton,	<i>Dorchester.</i>
Bowen, Alfred Preston,	<i>Lynn.</i>
Boyer, Joseph Napoleon, Jr.	<i>Springfield.</i>
Brenneman, Richard Emmor,	<i>Congo, W. Va.</i>
Brock, Lawrence Ambrose, A.B. ( <i>Boston Coll.</i> ) 1895,	<i>Malden.</i>
Bryant, Fred, A.B. ( <i>Colby Univ.</i> ) 1895,	<i>Pittsfield, Me.</i>
Burke, William Henry,	<i>Watertown.</i>
Cadigan, John Joseph, A.B. ( <i>Boston Coll.</i> ) 1891, A.M. ( <i>St. Francis Xavier Coll.</i> ) 1892,	<i>Boston.</i>
Callahan, Joseph Thomas,	<i>Woburn.</i>
Carmody, William Francis, A.B. ( <i>Holy Cross Coll.</i> ) 1885,	<i>Worcester.</i>
Carroll, Thomas Francis,	<i>Roxbury.</i>
Clarke, Elliott Mason,	<i>Hope Valley, R. I.</i>
Cleveland, Heber Howe,	<i>Somerville.</i>
Cliff, Alfred Addington,	<i>Boston.</i>
Crane, Carl Custer,	<i>Melrose.</i>
Crosby, Walter Theodore, B.P. ( <i>Brown Univ.</i> ) 1895,	<i>Brockton.</i>
Crowell, George Marcus, A.B. ( <i>Brown Univ.</i> ) 1894,	<i>Providence, R. I.</i>

Davis, Charles Henry, A.B. 1896,	<i>Somerville.</i>
Davis, Edward Jackson, A.B. ( <i>Fisk Univ.</i> ) 1895,	<i>Sumter, S. C.</i>
Dix, George Alfred,	<i>Somerville.</i>
Dodge, Arthur Malcolm,	<i>Hampton Falls, N. H.</i>
Easton, Elwood Tracy,	<i>Rockland.</i>
Emerson, William Robie Patten, A.B. ( <i>Dartmouth Coll.</i> ) 1892,	<i>Candia, N. H.</i>
Fiske, Charles Norman,	<i>Upton.</i>
Friedman, Leo Victor, A.B. 1895,	<i>Boston.</i>
Galloupe, Joseph Abbott,	<i>Beverly.</i>
Gavin, Joseph Leo,	<i>So. Boston.</i>
Geib, Frank Julius, A.B. 1895,	<i>Cleveland, O.</i>
Glidden, Howard Kenneth,	<i>No. Cambridge.</i>
Golden, Lazarus,	<i>E. Boston.</i>
Graves, William Phillips, A.B. ( <i>Yale Coll.</i> ) 1891,	<i>Andover.</i>
Greene, Daniel Crosby, Jr., A.B. 1895,	<i>Boston.</i>
Grimes, Jesse Rideout,	<i>Franconia, N. H.</i>
Hall, James Frank, A.B. 1897,	<i>Lowell.</i>
Halloran, Timothy Joseph, A.B. ( <i>Holy Cross Coll.</i> ) 1894,	<i>Lowell.</i>
Hammond, William John,	<i>Quincy.</i>
Harvey, John Franklin,	<i>Boston.</i>
Haskins, Frank Henry, A.B. ( <i>Williams Coll.</i> ) 1893,	<i>Springfield.</i>
Hatch, Edward Sparhawk,	<i>Brighton.</i>
Herrick, Timothy George,	<i>Newport, N. H.</i>
Hill, George Sumner,	<i>Somerville.</i>
Howard, Joseph Francis,	<i>Lawrence.</i>
Jack, Lewis Harlow,	<i>Portland, Me.</i>
Jameson, Herbert Wendell, A.B. 1895,	<i>Jamaica Plain.</i>
Jefferson, Willis Grover,	<i>Norwood.</i>
Johnson, Harold Abbott, A.B. ( <i>Williams Coll.</i> ) 1895,	<i>Brookfield.</i>
Jouett, Fred Robert, A.B. 1896,	<i>Somerville.</i>
Knowlton, John Greenleaf Whittier, A.B. ( <i>Bowdoin Coll.</i> ) 1895,	<i>Boston.</i>
Lane, Walter Appleton, A.B. ( <i>Dartmouth Coll.</i> ) 1895,	<i>Chicago, Ill.</i>
Latham, Benoni Mowry,	<i>Smithfield, R. I.</i>
Lazarus, Benjamin,	<i>Boston.</i>
Leighton, William Elston, A.B. ( <i>Bowdoin Coll.</i> ) 1895,	<i>Deering, Me.</i>

McAdams, Peter Stevens, A.B. 1895,	<i>Somerville.</i>
McCarthy, Frederick,	<i>Malden.</i>
McDermott, Joseph Edward,	<i>Charlestown.</i>
Macdonald, William Clifford,	<i>Boston.</i>
McDonald, William Joseph, A.H. 1895,	<i>Charlestown.</i>
McGirr, Felix Francis, A.B. 1895,	<i>Cambridge.</i>
McLaren, Alexander Lorne,	<i>E. Boston.</i>
Manahan, Thomas James, S.B. 1896,	<i>Boston.</i>
Moore, Philip Patrick,	<i>Gloucester.</i>
Morgan, John Albert,	<i>Hyde Park.</i>
Moser, Albert, A.B. ( <i>Oberlin Coll.</i> ) 1892,	<i>Lima, O.</i>
Murphy, Stephen Nicholas,	<i>Danversport.</i>
Nielsen, Edwin Björne,	<i>Montpelier, Vt.</i>
Nightingale, James,	<i>Manchester, N. H.</i>
O'Brien, Thomas James, PH.G. ( <i>Mass. Coll. of Pharm.</i> ) 1895,	<i>Somerville.</i>
Odiorne, Walter Burlingame, A.B. 1895,	<i>Cambridge.</i>
Osgood, Robert Bayley, A.B. ( <i>Amherst Coll.</i> ) 1895,	<i>Salem.</i>
Page, Parkhurst,	<i>No. Danvers.</i>
Parker, Maurice Wesley,	<i>Chicago, Ill.</i>
Perkins, Herbert Crawford,	<i>Lowell.</i>
Pierce, Charles Willard, A.B. ( <i>Boston Univ.</i> ) 1895,	<i>Ashland.</i>
Pillsbury, Borden Harlin, A.B. ( <i>Dartmouth Coll.</i> ) 1895,	<i>Lowell.</i>
Pote, Leonard Holden,	<i>Somerville.</i>
Potter, Alexander Carleton, A.B. 1895,	<i>Boston.</i>
Pritchard, William Percival,	<i>Fall River.</i>
Ray, Robert Bentley,	<i>Barnes, Ohio.</i>
Reagh, Arthur Lincoln, S.B. 1894,	<i>W. Roxbury.</i>
Reilly, James Aloysius,	<i>So. Boston.</i>
Ryder, George Hale, PH.B. ( <i>Wesleyan Univ.</i> ) 1895,	<i>Hartford, Conn.</i>
Saunders, Joseph Henry, A.B. ( <i>Tufts Coll.</i> ) 1895,	<i>Boston.</i>
Sawyer, Edward Keyes,	<i>Somerville.</i>
Sayward, William Henry, Jr., S.B. ( <i>Mass. Inst. of Tech.</i> ) 1894,	<i>Dorchester.</i>
Schmidt, Frederick Sextus, PH.G. ( <i>Mass. Coll. of Pharm.</i> ) 1895,	<i>Roxbury.</i>
Seelye, Walter Clark, A.B. ( <i>Amherst Coll.</i> ) 1895,	<i>Northampton.</i>

Shaw, Francis,	<i>New Bedford.</i>
Silbert, Joseph,	<i>Boston.</i>
Silver, David,	<i>Wellsville, O.</i>
Simmons, Channing Chamberlain,	<i>Boston.</i>
Simmons, Samuel Ewer, A.B. ( <i>Leland Stan-</i> <i>ford, Jr. Univ.</i> ) 1895,	<i>Sacramento, Cal.</i>
Smith, Richard Augustine, A.B. ( <i>Boston Coll.</i> ) 1894,	<i>Roxbury.</i>
Snow, Frederick Stedman, A.B. 1895,	<i>Jamaica Plain.</i>
Soutter, Robert, A.B. 1894,	<i>New York, N. Y.</i>
Spalter, Charles Marsh,	<i>Keene, N. H.</i>
Stone, Warren Buxton,	<i>Lynn.</i>
Swift, Henry Marshall, A.B. 1894,	<i>Marlboro.</i>
Taylor, John Danforth,	<i>E. Boston.</i>
Thayer, Hartley Wales, A.B. ( <i>Yale Univ.</i> ) 1895,	<i>Holbrook.</i>
Thomas, John Willard, A.B. 1895,	<i>Cambridge.</i>
Tileston, Wilder, A.B. 1895,	<i>Mattapan.</i>
Wales, Ernest de Wolfe,	<i>Brantree.</i>
Warden, Ralph Alexander,	<i>Boston.</i>
Waterman, George Arthur A.B. 1895,	<i>Malden.</i>
Whoriskey, John Joseph,	<i>Cambridge.</i>
Wilkins, Charles Downes,	<i>Peterboro, N. H.</i>
Wilkins, George Clarence,	<i>Manchester, N. H.</i>
Wood, Frank Lyon,	<i>Boston.</i>
Woodbury, Herbert Elwell, S.B. ( <i>Boston Univ.</i> ) 1889,	<i>Gloucester.</i>
Worth, Edward Philip, PH.G. ( <i>Mass. Coll. of</i> <i>Pharm.</i> ) 1895,	<i>Edgartown.</i>
Yardumian, Mamong Garabet,	<i>Boston.</i>
Zavala, Joaquin, Jr.,	<i>Nicaragua, C. A.</i>

## SECOND CLASS.

Adams, Carl Shadiker	<i>Newtonville.</i>
Atwood, Charles Fenner, A.B. 1896,	<i>Manton, R. I.</i>
Bancroft, Irving Reed, PH.B. ( <i>Tufts Coll.</i> ) 1897,	<i>Woburn.</i>
Barker, Harry Learned, B.A. ( <i>Amherst Coll.</i> ) 1896,	<i>Pittsfield.</i>
Barnes, Lynn Moore, A.B. 1896,	<i>Decatur, Ill.</i>
Barrell, Charles Sewell,	<i>York Corner, Me.</i>
Bartol, Edward Francis Washburn, A.B. 1896,	<i>Lancaster.</i>
Beebe, Theodore Chapin, Jr., A.B. 1896,	<i>Springfield.</i>
Beering, Frederick William, Jr.	<i>So. Boston.</i>

- Belt, Edward Jones,  
 Bergengren, Charles Henry,  
 Bergin, Stephen Albert, A.B. (*Boston Coll.*)  
 1896,  
 Bicknell, Ralph Emerson,  
 Blodgett, William Ernest, A.B. 1896,  
 Brayton, Roland Walker,  
 Breed, Nathaniel Perkins,  
 Brennan, Joseph Thomas Louis,  
 Brown, Fred Phillips,  
 Brown, Percy Emerson,  
 Bryant, Charles Sawyer, A.B. 1896,  
 Burke, Walter Thomas, PH.G. (*Mass. Coll. of  
 Pharm.*) 1891,  
 Burnham, Melvin Paige,  
 Campbell, William Joseph, A.B. (*Boston Coll.*)  
 1896,  
 Canedy, Charles Francis, A.B. (*Williams Coll.*)  
 1896,  
 Cannon, Walter Bradford, A.B. 1896, A.M. 1897,  
 Chase, Walter Greenough, A.B. 1882,  
 Cheney, Ernest Linwood,  
 Churchill, John Darling, 2d,  
 Cleaves, Ezra Eames,  
 Cloudman, Harry Radcliffe,  
 Collins, George Leman, A.B. 1896,  
 Collins, Richard, A.B. (*Colby Univ.*) 1896,  
 Conner, Homer Leigh,  
 Connolly, John Matthew, A.B. (*Holy Cross  
 Coll.*) 1890, A.M. (*ibid*) 1892,  
 Coolidge, Sumner, A.B. 1883,  
 Cornwell, Herbert Cerda de Vilarrestau, A.B.  
 1897,  
 Cottrell, Henry Joseph, A.B. (*Holy Cross Coll.*)  
 1894,  
 Cox, Simon Francis, A.B. (*Boston Coll.*) 1896,  
 Creesy, Everett Larcom, A.B. 1896,  
 Cromwell, Ernest Manton,  
 Cross, Rupert Calladon,  
 Cummings, Alvah Cochran, S.B. (*Dartmouth  
 Coll.*) 1896,  
 Deacon, Charles Frederick, A.B. (*Brown Univ.*)  
 1896,
- So. Boston.*  
*Lynn.*  
*Waltham.*  
*No. Weymouth.*  
*Newton.*  
*Dorchester.*  
*Salem.*  
*Lowell.*  
*Haverhill.*  
*Cambridge,*  
*Newton Highlands.*  
*Natick.*  
*Andover.*  
*Marlboro.*  
*Shelburne Falls.*  
*St. Paul, Minn.*  
*Brookline.*  
*Wakefield.*  
*Plymouth.*  
*Rockport.*  
*Boston.*  
*Dorchester.*  
*Calais, Me.*  
*Haverhill.*  
*Cambridge,*  
*Watertown.*  
*Cambridge.*  
*Newport, R. I.*  
*Lowell.*  
*Beverly.*  
*East Boston.*  
*Chelsea.*  
*Concord, N. H.*  
*Pawtucket, R. I.*

Derby, George Strong, A.B. 1896,	<i>Boston.</i>
Dole, Charles Frederick,	<i>Roxbury.</i>
Drummond, Edward Augustus,	<i>Brookline.</i>
Duncan, Samuel White, Jr., A.B. ( <i>Brown Univ.</i> ) 1895,	<i>Brookline.</i>
Dunn, Charles Hunter, A.B. 1896,	<i>Newport, R. I.</i>
Eastman, Alexander Crane, A.B. ( <i>Amherst Coll.</i> ) 1896,	<i>Frammingham.</i>
Emerson, Robert Leonard, A.B. 1894,	<i>Cambridge.</i>
Fair, Robert Patrick,	<i>Natick.</i>
Fisher, Irving Jewell,	<i>Somerville.</i>
Fletcher, William,	<i>Providence, R. I.</i>
Fuller, Charles Benjamin, A.B. ( <i>Colby Univ.</i> ) 1896,	<i>Hallowell, Me.</i>
Gardner, George Warren, A.B. ( <i>Brown Univ.</i> ) 1894,	<i>New London, N. H.</i>
Goldie, William Valentine,	<i>New London, Conn.</i>
Gould, Alfred Henry, A.B. 1896,	<i>Boston.</i>
Grant, Dick,	<i>St. Mary's, Ont.</i>
Gray, Hugh Barr,	<i>Boston.</i>
Griffin, Walter Alden, A.B. 1897,	<i>Haverhill.</i>
Hanna, Thomas Francis, A.B. ( <i>Boston Coll.</i> ) 1896,	<i>Natick.</i>
Hardwick, Everett Vinton,	<i>Quincy.</i>
Harkins, John Francis, A.B. ( <i>Holy Cross Coll.</i> ) 1896,	<i>Quincy.</i>
Hartwell, William Winn, A.B. ( <i>Williams Coll.</i> ) 1896,	<i>Woburn.</i>
Haskell, Harris Bigelow, A.B. ( <i>Amherst Coll.</i> ) 1894,	<i>W. Falmouth, Me.</i>
Healy, William,	<i>Chicago, Ill.</i>
Hewitt, William Oakes,	<i>Taunton.</i>
Hoag, Louis,	<i>Roxbury.</i>
Holmberg, Carl Lester Magnus, A.B. ( <i>Brown Univ.</i> ) 1896,	<i>Campello.</i>
Holmes, Arthur Brewster, A.B. 1896,	<i>Kingston.</i>
Howard, Perez Briggs,	<i>Brookline.</i>
Howell, William Wescott, A.B. 1896,	<i>Jamaica Plain.</i>
Hoyt, William Welles,	<i>Cambridge.</i>
Hunt, George Pratt,	<i>E. Weymouth.</i>
Jackson, James Marcus,	<i>Brighton.</i>
Johnson, Herbert,	<i>Waltham.</i>
Joslin, Samuel Lees,	<i>So. Lyndeboro, N. H.</i>



Kane, John Austin,	<i>Charlestown.</i>
Kenealy, Joseph Henry,	<i>Natick.</i>
King, Maxwell Benedict,	<i>Boston.</i>
Knight, Herbert Granville,	<i>Malden.</i>
Lane, Arthur Kempton,	<i>Boston.</i>
Leahey, Frederick Andrew,	<i>Lowell.</i>
Legg, Arthur Thornton,	<i>Chelsea.</i>
Lincoln, Merrick, A.B. 1896,	<i>Worcester.</i>
Lippincott, Walter Maynard,	<i>Fort Sheridan, Ill.</i>
Lord, Frederick Taylor, A.B. 1897,	<i>Lexington.</i>
Lowell, Freeman Lamprey, A.B. 1894,	<i>Somerville.</i>
Lowell, William Holbrook,	<i>Newton.</i>
McCausland, William James,	<i>Tyne Valley, P. E. I.</i>
McCormick, Thomas Joseph Henry, A.B. 1897,	<i>Roxbury.</i>
McHugh, John Francis,	<i>Natick.</i>
McKechnie, Frederick Joseph, A.B. ( <i>Holy Cross Coll.</i> ) 1896,	<i>Springfield.</i>
McKibben, William Watson, A.B. 1896,	<i>Van Buren, Ark.</i>
MacLachlan, Thomas Mitchell,	<i>Brighton.</i>
McMann, William Henry, A.B. 1896,	<i>Roxbury.</i>
McNamara, Thomas Francis, A.B. ( <i>Holy Cross Coll.</i> ) 1895,	<i>So. Framingham.</i>
Maguire, Thomas Henry,	<i>So. Boston.</i>
Maloney, William Valentine,	<i>Boston.</i>
Matteson, George Arnold, A.B. ( <i>Brown Univ.</i> ) 1896,	<i>Providence, R. I.</i>
Mead, Louis Guy, A.B. 1896,	<i>West Acton.</i>
Mertins, Paul Stearns, A.B. ( <i>Washington &amp; Lee Univ.</i> ) 1896,	<i>Evergreen, Ala.</i>
Mullen, John Henry, A.B., ( <i>Boston Coll.</i> ) 1896,	<i>Waltham.</i>
Murdock, Frederick William,	<i>Derry, N. H.</i>
Myer, James Walter,	<i>New York, N. Y.</i>
Myers, Solomon,	<i>East Boston.</i>
Nolan, William Francis,	<i>Jamaica Plain.</i>
Norton, Chauncey Williams, A.B. 1896, A.M. 1897,	<i>Cazenovia, N. Y.</i>
O'Leary, Dennis Cornelius, A.B. ( <i>Holy Cross Coll.</i> ) 1896,	<i>Providence, R. I.</i>
O'Shea, Daniel Joseph,	<i>East Boston.</i>
O'Shea, John Francis, A.B. ( <i>Holy Cross Coll.</i> ) 1895,	<i>Newport, R. I.</i>
Parker, Edward Stark, A.B. ( <i>Brown Univ.</i> ) 1896,	<i>Providence, R. I.</i>
Pratt, Frederick Haven, A.B. 1896,	<i>Worcester.</i>

Rich, Edwin Willis,	<i>Walnut Hill.</i>
Riley, William Norton,	<i>Malden.</i>
Rogers, Daniel Eastman,	<i>Chelsea.</i>
Rood, Luther Colby,	<i>East Boston.</i>
Sanborn, Fletcher Greene,	<i>Providence, R. I.</i>
Sanford, Henry Lindsay, A.B. 1896,	<i>Bridgewater.</i>
Scannell, David Daniel, A.B. 1897,	<i>Jamaica Plain.</i>
Scott, George Dow, S.B. ( <i>Middlebury Coll.</i> ) 1895, A.B. 1896,	<i>Leominster.</i>
Shaw, Frederick King,	<i>Roxbury.</i>
Shepard, Luther Dimmick, A.B. 1896,	<i>Brookline.</i>
Small, Albert Ernest, A.B. 1896,	<i>Melrose.</i>
Smith, Howard Harry, PH.G. ( <i>Mass. Coll. of Pharm.</i> ) 1895,	<i>Cambridgeport</i>
Sproules, Joseph Aloysius, A.B. ( <i>Georgetown Univ.</i> ) 1895,	<i>Boston.</i>
Steele, Albert Edward,	<i>Peabody.</i>
Sullivan, John Joseph,	<i>So. Boston.</i>
Sullivan, Joseph Lawrence,	<i>Dorchester.</i>
Sullivan, Michael Henry,	<i>Newport, R. I.</i>
Taylor, James, Jr.,	<i>Southbridge.</i>
Thompson, Ralph Leroy, A.B. ( <i>Bates Coll.</i> ) 1896,	<i>Lisbon, Me.</i>
Tobey, Edward Nelson, A.B., 1896,	<i>Cambridge.</i>
Townsend, David, A.B. 1896,	<i>So. Natick.</i>
Tupper, Arthur Gordon,	<i>Rockport.</i>
Vejux-Tyrode, Maurice Paul Octave,	<i>Boston.</i>
Vogel, George Louis,	<i>Boston.</i>
Wadsworth, Richard Goodwin, A.B. 1896,	<i>Boston.</i>
Ward, John Thomas,	<i>Providence, R. I.</i>
Warren, Henry Stanley,	<i>Bangor, Me.</i>
Warren, John, A.B. 1896,	<i>Boston.</i>
White, Clifford Allen, A.B. 1896,	<i>Taunton.</i>
White, Herbert Augustus,	<i>Somerville.</i>
Wight, Thomas Henry Toynbee,	<i>Cambridge</i>
Winslow, Fred Bradlee, A.B., A.M., 1895,	<i>Boston.</i>
Winslow, George Edgar,	<i>Boston.</i>
Wyer, Harry Gage, A.B. 1896,	<i>Woburn.</i>
Young, Ralph Randal,	<i>Dorchester.</i>

## FIRST CLASS.

Alden, Eliot, A.B. 1897,	<i>Washington, D. C.</i>
Allen, Horatio Cushing, A.B. ( <i>Brown Univ.</i> ) 1897,	<i>Marion.</i>
Allison, Nathaniel,	<i>St. Louis, Mo.</i>
Almy, Robert Lawton, Jr.,	<i>Salem.</i>
Barrett, Michael Francis, A.B. 1897,	<i>Hingham.</i>
Bartley, John Joseph,	<i>Lawrence.</i>
Bassity, Joseph Francis,	<i>So. Boston.</i>
Berry, Martin Whitten, A.B. ( <i>Williams Coll.</i> ) 1895,	<i>Portland, Me.</i>
Bibber, Harold Thornton,	<i>Bath, Me.</i>
Binney, Horace, A.B. 1897,	<i>Middletown, Conn.</i>
Blodgett, Charles Martin,	<i>Boston.</i>
Bond, Walter Legrand,	<i>Chelsea.</i>
Boos, William Frederick, A.B. 1894, PH.D. ( <i>Heidelberg</i> ) 1896,	<i>Jamaica Plain.</i>
Bowen, William Henry, Jr.,	<i>Providence, R. I.</i>
Bowman, Alfred Winthrop,	<i>Boston.</i>
Brady, James Francis,	<i>Canning, N. S.</i>
Bragg, Leslie Raymond, S.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Reading.</i>
Breed, Nathaniel Pope,	<i>Lynn.</i>
Bremer, John Lewis, A.B. 1896,	<i>Boston.</i>
Brewer, Albert David, A.B. ( <i>Iowa Coll.</i> ) 1895,	<i>Grinnell, Ia.</i>
Brinckerhoff, Walter Remsen,	<i>Matteawan, N. Y.</i>
Burke, Francis Ramon,	<i>Quincy.</i>
Burley, Benjamin Thomas, A.B. 1897,	<i>North Epping, N. H.</i>
Burnham, Joseph Forrest,	<i>Lawrence.</i>
Burnham, Parker,	<i>Gloucester.</i>
Burns, Walter Linn, A.B. ( <i>Villanova Coll.</i> ) 1897,	<i>Lawrence.</i>
Casey, Jeremiah Aloysius,	<i>So. Boston</i>
Caulfield, Thomas Edward,	<i>Woburn.</i>
Chase, Arthur Alverdo,	<i>Woburn.</i>
Chase, Henry Melville, Jr., S.B. ( <i>Dartmouth Coll.</i> ) 1897,	<i>Lawrence.</i>
Cheever, David, A.B. 1897,	<i>Boston.</i>
Childs, Alfred Henry, A.B. 1897,	<i>Deerfield.</i>
Cholerton, Herbert,	<i>Bridgewater.</i>
Clark, Franklin Edward,	<i>Brookline.</i>
Clark, Thomas Francis,	<i>Taunton.</i>

Crane, Bayard Taylor,	<i>Melrose.</i>
Cummings, Morton Everett,	<i>W. Medford.</i>
Cunningham, John Henry, Jr.,	<i>Chelsea.</i>
Cutter, Arthur Hardy, s.B. ( <i>Mass. Agr. Coll.</i> ) 1894,	<i>Pelham, N. H.</i>
Davison, Arthur Howard,	<i>Dorchester.</i>
Desmond, Edward Mansfield,	<i>Chelsea.</i>
Deusen, Herman True van	<i>Somerville.</i>
Doyle, John Francis,	<i>Waltham.</i>
Dutton, Richard,	<i>Wakefield.</i>
Dwinell, William Grout,	<i>Malden.</i>
Emerson, Benjamin Kendall, Jr., A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>Amherst.</i>
Emery, Edward Stanley, A.B. 1887,	<i>Boston.</i>
Evans, Albert,	<i>Boston.</i>
Gale, Harold Adams,	<i>Chicago, Ill.</i>
Gay, Herbert Seymour,	<i>Belchertown.</i>
Gibson, Robert Francis,	<i>Dorchester.</i>
Gleason, George Hathaway,	<i>Dorchester.</i>
Goodwin, Charles Wilson, B.P. ( <i>Brown Univ.</i> ) 1897,	<i>Providence, R. I.</i>
Grady, Henry Matthew,	<i>So. Natick.</i>
Grainger, Henry Ambrose, A.B. ( <i>Boston Coll.</i> ) 1897,	<i>E. Boston.</i>
Griffiths, Albert Farnsworth,	<i>Lexington.</i>
Haggood, Lyman Sawin, A.B. 1897,	<i>Gloucester.</i>
Hatch, George Coggeshall, Jr., B.P. ( <i>Brown Univ.</i> ) 1897,	<i>New Bedford.</i>
Hathaway, Russell, Jr., B.P. ( <i>Brown Univ.</i> ) 1897,	<i>Fair Haven.</i>
Hawkes, Charles Eleazer,	<i>Portland, Me.</i>
Hayes, James Henry, s.B. ( <i>Villanova Coll.</i> ) 1896,	<i>Dorchester.</i>
Herbst, Philip Frank,	<i>Kansas City, Mo.</i>
Hess, Peter William,	<i>Malden.</i>
Holmes, Howard Fowler,	<i>Georgetown.</i>
Hopkinson, Albert Edmund,	<i>Brattleboro, Vt.</i>
Hosmer, Alfred Graham,	<i>Watertown.</i>
Howe, Walter Henry, A.B. 1886,	<i>Lowell.</i>
Hoyt, Robert Eustace,	<i>Portsmouth, N. H.</i>
Hutchinson, Walter Perkins, A.B. 1889,	<i>Farmington, Me.</i>
Jackson, Howard Bigelow, A.B., 1897,	<i>Concord.</i>
James, Herbert Carey,	<i>Roxbury.</i>

- Johnston, Frederic William, A.B. 1897, *New York, N. Y.*  
 Jones, Frank Joseph, *Worcester.*  
 Jones, Harold Wellington, *So. Lincoln.*  
 Kelley, Walter Henry, *Dorchester.*  
 Kennedy, Arthur Lemuel, *Denver, Col.*  
 Kent, Bradford, *Boston.*  
 Knickerbocker, Percy Gates, *Gloversville, N. Y.*  
 Knight, Charles Lewis, *Deer Isle, Me.*  
 Knight, Frank Henry, *Malden.*  
 Knowles, Robert Keneborough Black, A.B. *Somerville.*  
 (*Acadia Coll.*) 1897, *New Britain, Conn.*  
 Kurth, Gustav Emil, *Waltham.*  
 Leary, Chrysostom John, *Charlestown.*  
 Leen, Thomas Francis, *Boston.*  
 Lentine, Gaspar Emanuel, *Lawrence.*  
 Leonard, Andrew Michael, *Madison, N. H.*  
 Lepper, David Barnard, *Cambridge.*  
 Lewis, Frederic Thomas, A.B. 1897, *Swampscott.*  
 Little, John Mason, Jr., A.B. 1897, *Whitman.*  
 Locke, Edwin Allen, B.P., A.M. (*Brown Univ.*)  
 1896, *Haverhill.*  
 McBain, William Hearst, A.B. (*Holy Cross*  
*Coll.*) 1895, *Brighton.*  
 McDonald, Samuel James, A.B. 1897, *Boston.*  
 Macmahon, Robert Quincy, *Ottumwa, Ia.*  
 Mahon, Edward, *Roxbury.*  
 Mahony, Francis Ronan, *Boston.*  
 Mansfield, Walter Ralph, *Boston.*  
 Marshall, Stephen Tuttle, *Boston.*  
 Mason, Nathaniel Robert, A.B. (*Yale Univ.*)  
 1897, *No. Conway, N. H.*  
 Mayhew, Orland Smith, *No. Tisbury.*  
 Mooring, Scott Webber, *Gloucester.*  
 Morse, John Hinckley, A.B. (*Bowdoin Coll.*)  
 1897, *Bath, Me.*  
 Moxom, Philip Wilfrid Travis, *Springfield.*  
 Mulherin, William Anthony, A.B. (*St. Joseph's*  
*Coll.*) 1891, *Augusta, Ga.*  
 Murphy, Fred Towsley, A.B. (*Yale Univ.*) 1897, *Junction City, Kans.*  
 Myers, Edward Everett, *Boston.*  
 Nolen, Walter Freeman, *Tacoma, Wash.*  
 Ober, Ralph Beverley, *Chicopee.*  
 O'Callaghan, Denis Timothy, *Salem.*

O'Connell, Joseph Cyril,	<i>Wakefield.</i>
O'Day, George Frederick, A.B. ( <i>Holy Cross Coll.</i> ) 1896,	<i>Worcester.</i>
O'Donnell, James Coughlin, A.B. ( <i>Holy Cross Coll.</i> ) 1892,	<i>Boston.</i>
O'Shea, Richard Joseph, A.B. ( <i>Gonzaga Coll.</i> ) 1897,	<i>Spokane, Wash.</i>
Packard, Frederick Henry,	<i>Woburn.</i>
Parker, Harry Caldwell,	<i>Dubuque, Ia.</i>
Pond, Bernard Wesley, A.B. ( <i>Yale Univ.</i> ) 1897,	<i>Unionville, Conn.</i>
Porter, Robert Brastow, A.B. 1897,	<i>Quincy.</i>
Priest, Herbert Bancroft, A.B. 1897,	<i>Littleton.</i>
Putnam, Frank Wendell, S.B. ( <i>Tufts Coll.</i> ) 1897,	<i>Charlestown.</i>
Putnam, Ralph,	<i>Chelsea.</i>
Ramsey, Frank William,	<i>Roxbury.</i>
Raymond, Clarence Morse,	<i>Somerville.</i>
Reed, William Edward,	<i>Saxonville.</i>
Richmond, Fred Marcy,	<i>Everett.</i>
Robertson, Frederick McNaughton,	<i>So. Framingham.</i>
Robinson, Harry Pringle,	<i>Plattsburgh, N. Y.</i>
Robinson, Louis Sydney Bassford, A.B. 1897,	<i>Chicago, Ill.</i>
Sanborn, George Phippen,	<i>Brookline.</i>
Sanders, Nathan Edwin, A.B. ( <i>Iowa Coll.</i> ) 1893,	<i>Grinnell, Ia.</i>
Schallenberg, Ernest Bradford,	<i>Dorchester.</i>
Sever, James Warren,	<i>Cambridge.</i>
Shannon, James Herbert, A.B. 1897,	<i>Cambridge.</i>
Shead, Edward Wadsworth,	<i>Eastport, Me.</i>
Sherburne, Andrew Edward,	<i>Roxbury.</i>
Silva, Frank Rudolph, A.B. ( <i>Amherst Coll.</i> ) 1897,	<i>So. Dennis.</i>
Sise, Lincoln Fleetford, A.B. 1897,	<i>Medford.</i>
Sleeper, Frank Warren, A.B. ( <i>Brown Univ.</i> ) 1895, A.M. ( <i>Ibid.</i> ) 1896,	<i>Franklin Falls, N. H.</i>
Smith, Appleton White, A.B. ( <i>Colby Univ.</i> ) 1887,	<i>Newton Centre.</i>
Smith, Curtis Nye,	<i>Newton.</i>
Smith, Harold Wellington,	<i>Dorchester.</i>
Southard, Elmer Ernest, A.B. 1897,	<i>So. Boston.</i>
Spalding, Roger,	<i>Cambridge.</i>
Sullivan, Timothy Joseph,	<i>W. Somerville.</i>
Taylor, Frederick Leon, S.B. ( <i>Boston Univ.</i> ) 1890,	<i>Brookline.</i>
Thorndike, Townsend William,	<i>Boston.</i>
Tozier, Charles Herman,	<i>Somerville.</i>

Underhill, Samuel Graham,	<i>Somerville.</i>
Walker, Wallis Dunlap, A.B. 1897,	<i>Portsmouth, N. H.</i>
Walling, Charles Harold, B.P. ( <i>Brown Univ.</i> )	
1895,	<i>Providence, R. I.</i>
Waterman, John Slater,	<i>E. Greenwich, R. I.</i>
Webster, Fred Patterson,	<i>Charlestown.</i>
Webster, Samuel Herbert,	<i>E. Boston.</i>
Wennerberg, James Bernard, A.B. ( <i>Boston</i>	
<i>Coll.</i> ) 1897,	<i>Boston.</i>
Wheeler, Stuart Wadsworth,	<i>Philadelphia, Pa.</i>
Williams, Allen Hamilton, A.B. 1891,	<i>Fort Wayne, Ind.</i>
Winchester, George Wesley,	<i>Boston.</i>
Wingersky, Abraham Samuel,	<i>Boston.</i>
Woese, Alfred Millard,	<i>Syracuse, N. Y.</i>
Wood, Nathaniel Knight, A.B. 1897,	<i>Somerville.</i>

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SUMMARY.

IN COURSES FOR GRADUATES, 1897-98 (to Feb. 16) . . .	46
FOURTH CLASS . . . . .	117
THIRD CLASS . . . . .	119
SECOND CLASS . . . . .	148
FIRST CLASS . . . . .	158
TOTAL . . . . .	588

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In Courses for Graduates 1896-97 after publication of Catalogue for 1896-97 . . . . .	47
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## THE DENTAL SCHOOL.

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### THIRD YEAR.

NAME.	RESIDENCE.	PRESENT ADDRESS.*
Allen, Harry Roscoe,	<i>S. Willington, Conn.</i>	29 Hancock St.
Bailey, Ernest Harold Christopher, R.D.S. ( <i>Melbourne D. Coll. Oral Hospital</i> ),	<i>Ballarat, Australia,</i>	39 Allen St.
Bailey, Francis William, R.D.S. ( <i>Melbourne D. Coll. Oral Hospital</i> )	<i>Ballarat, Australia,</i>	39 Allen St.
Baker, Lawrence Wills,	<i>Boston,</i>	Bellevue St., W. Roxbury.
Burnham, Charles Boardman,	<i>Beverly,</i>	19 Essex St., Beverly.
Counter, John Alexander.	<i>Kingston, Can.</i>	126 Charles St.
Crowther, Frank,	<i>Roxbury,</i>	268 Dudley St.
Daley, Joseph,	<i>Boston,</i>	6 Belvidere St.
Dickinson, Eliot Taylor, B.S. ( <i>Boston Univ.</i> )	<i>Amherst,</i>	3 Concord Sq.
Dowling, Giles,	<i>Allston,</i>	Ridgmont St., Allston.
Duckworth, Paul Hill,	<i>Lowell,</i>	32 Princeton St., Lowell.
Elwell, Guy Jerome,	<i>Gloucester,</i>	75 Appleton St.
Fallon, William Edward,	<i>Boston,</i>	37 Winthrop St.
Fisher, Stewart Cheselton,	<i>Denison, Tex.</i>	102 Dorchester St., So. Boston.
Fitzgerald, James Joseph,	<i>Boston,</i>	3 Dayton Ave.
Fitzgerald, Terence Richard,	<i>Dorchester,</i>	Field's Corner, Dorchester.
Gaymond, George Osbourne,	<i>Dedham,</i>	Border St., Dedham.
Grant, Harry Linwood, A.B. ( <i>Brown Univ.</i> )	<i>Boston,</i>	Trinity Court.
Green, Leo, A.B. ( <i>Coll. of City of N. Y.</i> ) D.M.D. 1896,	<i>New York,</i>	17 Berwick Pk.
Hanrahan, Timothy,	<i>Boston,</i>	3 Concord Sq.
Harding, George Herbert, L.D.S. R.C.S. Eng.	<i>Huyton, Liverpool, Eng.</i>	54 Falmouth St.
Hart, Ernest Jewett,	<i>Chelsea,</i>	238 Washington Ave., Chelsea.
Hindes, J. Churchill,	<i>Vergennes, Vt.</i>	119 St. Botolph St.

\* Addresses are in Boston, unless stated to be elsewhere.



Howe, Horace Leonard,	<i>E. Pepperell,</i>	5 Oxford Terrace.
Hutchins, Harvey David,	<i>Dorchester,</i>	51 Bloomfield St.
Leonard, Almon Evans,	<i>Glover, Vt.</i>	Warren Chambers.
Louissou, William Saul, D.D.S. ( <i>Univ. of Pennsylvania</i> )	<i>San Francisco, Cal.</i>	88 Pinckney St.
Lynde, Frank Martin, A.B. ( <i>Tufts Coll.</i> )	<i>Williamstown, Vt.</i>	3 Concord Sq.
McDermott, Michael Francis, M.D., C.M. ( <i>Queens Univ., Kingston</i> ),	<i>Kingston, Can.</i>	126 Charles St.
Macdonald, John Norman, L.D.S.	<i>Dunedin, N. Z.</i>	62 Pinckney St.
McKenna, Charles Henry,	<i>Boston,</i>	135 Lauriet St., Dorchester.
Marston, Elmer Joseph,	<i>Farmington, Me.</i>	304 Shawmut Ave.
Mongeon, Louis Frederic,	<i>Blackstone,</i>	88 Pinckney St.
Murphy, Charles Edward,	<i>Haverhill,</i>	Tapleyville.
Owens, Thomas Bartholomew,	<i>Boston,</i>	146 Camden St.
Parker, William Morse, <i>River</i>	<i>Hebert, N. S.</i>	86 Winchester St., Medford.
Phillips, William Eben,	<i>Melrose,</i>	37 Everett St., Melrose.
Ray, Frederick Nash,	<i>Bradford,</i>	Bradford.
Richan, James Avar,	<i>E. Boston,</i>	34 Saratoga St., E. Boston.
Rogers, William Joseph,	<i>Jamaica Plain,</i>	6 Robinwood Ave., [Jamaica Plain.
Siears, Frank Bowker,	<i>Boston,</i>	80 Myrtle St.
Squarebrigs, William Daniel,	<i>Bay Fortune, P.E.I.</i>	327 Columbus Ave.
Starratt, Wilfred Harlow, A.B. ( <i>Acadia Univ.</i> )	<i>Forest Hills,</i>	31 Weld Hill St., Forest Hills.
Thomas, David Pickard, D.M.D. 1896,	<i>Brighton, England,</i>	711 Boylston St.
Timlin, John Talbot,	<i>Melrose,</i>	26 Poplar St.
Tuck, Albert Everett,	<i>Gloucester,</i>	80 Myrtle St.

## SECOND YEAR.

Barker, Percy Lewis,	<i>Portland, Me.</i>	72 Gardner St., Allston.
Barrell, George Emerson,	<i>York, Me.</i>	29 Ware St., Cambridge.
Boyle, Harold Nickerson,	<i>Lynnfield Center,</i>	Lynnfield Center.
Bristol, Burt Myron,	<i>Vergennes, Vt.</i>	22 Alaska St., Roxbury.
Carle, Ernest Earl,	<i>Malden,</i>	18 Barstow St., Malden.
Cobb, Charles Davis,	<i>No. Cambridge,</i>	36 Orchard St., No. Cambridge.
Currie, Frank Thomas,	<i>Cambridge,</i>	376 Harvard St., Cambridge.
Davis, Joseph Walter,	<i>Worcester,</i>	6 Follen St.

Dawes, Franklin Everett,	<i>West Hingham,</i>	<i>West Hingham.</i>
Donovan, John Matthew,	<i>Dorchester,</i>	32 Auckland St., Dorchester.
Esgate, Thomas Dorsey,	<i>So. Tamworth, N. H.</i>	12 Ellsworth Ave., [Cambridge.
Federlin, Emil Julius,	<i>Boston,</i>	374 Columbus Ave.
Freeman, Richard Morris,	<i>Boston,</i>	51 Hancock St.
Garfield, Leroy Mason,	<i>Worcester,</i>	332 Main St., Worcester.
Hallet, Everett Kendall,	<i>Boston,</i>	11 Mayfair St.
Hatch, John Knight,	<i>Greenland, N. H.</i>	4 St. James Ave.
Heinrich, Oscar John,	<i>Boston,</i>	149A Tremont St.
Hovestadt, Julius Frank,	<i>Jamaica Plain,</i>	2 Park Sq.
Jenkins, Loyal Lovejoy,	<i>E. Boston,</i>	110 Trenton St., E. Boston.
King, Elbridge Decosmos,	<i>Salisbury, N. B.</i>	C. 1, Cambridge.
Kyes, Karl Sumner,	<i>Peterboro, N. H.</i>	Ipswich.
Leighton, Carlton Butler,	<i>Portland, Me.</i>	6 Follen St.
Libby, Arthur Allen,	<i>Boston,</i>	687 Boylston St.
McHale, Thomas Francis,	<i>Providence, R. I.</i>	130 Huntington Ave.
Miller, Archibald, Jr.,	<i>Hartford, Ct.</i>	57 Hancock St.
Nesbett, Norman Beverly,	<i>Acushnet,</i>	76 Chandler St.
Patch, Charles Warren,	<i>Gloucester,</i>	86 Myrtle St.
Pemberton, James Henry,	<i>Fall River,</i>	88 Pinckney St.
Pierce, Frank Derby,	<i>W. Roxbury,</i>	Centre St., W. Roxbury.
Power, James Edward,	<i>Providence, R. I.</i>	130 Huntington Ave.
Rged, Herbert Arthur,	<i>No. Attleboro,</i>	374 Columbus Ave.
Richmond, George Danforth,	<i>West Medford,</i>	45 Bowers St., [W. Medford.
Robinson, Charles Bradford,	<i>Concord, N. H.</i>	374 Columbus Ave.
Ross, Charles Gilbert,	<i>Linden,</i>	Spring St., Linden.
Rowe, Willard Mariner,	<i>Boston,</i>	Harv. Dent. School.
Thompson, Edwin Silas,	<i>Willard, Me.</i>	17 Barstow St., Malden.
Wentworth, Evan Parker,	<i>So. Boston,</i>	10 Gates St., So. Boston.
White, Edward Patrick,	<i>Cambridge,</i>	20 Austin St., Cambridge.

## FIRST YEAR.

Alberstson, Frank,	<i>Worcester,</i>	87 Dartmouth St.
Alexander, David John,	<i>Dorchester,</i>	Hotel Bristol.
Baldwin, George Chandler,	<i>Barton, Vt.</i>	39 St. Botolph St.
Barney, Roland Safford,	<i>Southboro,</i>	Southboro.
Bartlett, George Oliver,	<i>Worcester,</i>	87 Dartmouth St.
Breslin, James Edward, Jr.	<i>Cambridge,</i>	7 Willard Ave., Cambridge.
Brown, Daniel Crawford,	<i>Boston,</i>	35 Buckingham St.

Burns, Thomas Morgan,	<i>Boston,</i>	25 Rutland Sq.
Carrier, Stephen Frederick,	<i>Roxbury,</i>	87 Blue Hill Ave.
Cassidy, Fred Matthew,	<i>Fitchburg,</i>	4 Oxford Terrace.
Cobb, Henry Willis,	<i>Mansfield,</i>	Mansfield.
Davis, Horace Amos, P.H.B. ( <i>Tufts Coll.</i> )	<i>Dorchester,</i>	296 Columbia St., Dorchester.
Dowson, Kynaston Charles,	<i>Bristol, England,</i>	19 St. Botolph St.
Eckert, John Edward,	<i>Cambridge,</i>	Beck Hall, Cambridge.
Esgate, John Irving,	<i>So. Tamworth, N. H.</i>	12 Ellsworth Ave., [Cambridge.]
Estabrooks, John Wesley,	<i>Wollaston,</i>	Fenno St., Wollaston.
Glazier, Clarence Marshall,	<i>Roxbury,</i>	16 Copeland St., Roxbury.
Hammett, George Brownell,	<i>Taunton,</i>	114 Broadway, Taunton.
Hersey, George Murray,	<i>Hingham,</i>	South St., Hingham
Holman, Louis Densmore,	<i>Saxonville,</i>	Saxonville.
Hurley, Dennis Joseph,	<i>Dedham,</i>	Ashcroft.
Jameson, Charles Allen,	<i>Wollaston,</i>	Wollaston.
Kent, Edward Newell,	<i>Charlestown,</i>	79 High St., Charlestown.
Long, Ryerson Putnam,	<i>W. Newton,</i>	60 Webster St. W. Newton.
McGourty, Edward Thomas,	<i>Worcester,</i>	9 Oak Ave., Worcester.
Mackintosh, Albert Ira,	<i>Hyde Park,</i>	12 Williams St., Hyde Park.
McPherson, Charles Winthrop,	<i>Medford,</i>	20 Garden St., Medford.
Marston, Henry Herbert,	<i>No. Andover,</i>	No. Andover.
Martin, Dwight Clifford,	<i>Boston,</i>	78 W. Rutland Sq.
Marvel, William Wilkinson, Jr.	<i>Newport, R. I.</i>	218 Columbus Ave.
Miner, Walter Curtis,	<i>Roxbury,</i>	56 Mt. Pleasant Ave.
Naylor, Leslie Herbert,	<i>Dorchester,</i>	92 Auckland St., Dorchester.
Parshley, Burt Wilbur,	<i>Dorchester,</i>	17 Cushing Ave., Dorchester.
Payne, Ralph Wheelwright,	<i>Greenfield,</i>	14 Fayette St., Cambridge.
Perkins, Horace Mason, D.D.S. ( <i>Philadelphia Dent. Coll.</i> )	<i>Newton,</i>	150 Church St., Newton.
Randall, Samuel L. Doherty,	<i>Dorchester,</i>	54 Elmo St., Dorchester.
Rochette, Joseph Eugene,	<i>Worcester,</i>	6 Trowbridge St., Cambridge.
Rogers, Arthur Verne,	<i>Brewer, Me.</i>	5 Stevens St., Winchester.
Ryan, John William,	<i>Cambridge,</i>	64 Plympton St., Cambridge.
Simmons, Henry Heims,	<i>Chelsea,</i>	833 Broadway, Chelsea.
Snow, Frank Winthrop,	<i>Providence, R. I.</i>	387 Broadway, [Providence, R. I.]
Trueman, Wilson Gore,	<i>Boston,</i>	45 Westland Ave.
Williams, Spencer Thomas, Jr.,	<i>Malden,</i>	81 Porter St., Malden.
Wilson, Bryce Aughterson,	<i>Pawtucket,</i>	343 Broadway, Pawtucket.
Wise, Arthur Mason,	<i>So. Boston,</i>	771 Broadway, So. Boston.
Wolfe, Leonard Francis,	<i>No. Weymouth,</i>	Canton.

## SUMMARY.

GRADUATE STUDENTS . . . . .	2
THIRD YEAR STUDENTS . . . . .	44
SECOND YEAR STUDENTS . . . . .	38
FIRST YEAR STUDENTS . . . . .	46
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TOTAL . . . . .	130

## THE VETERINARY SCHOOL.

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### THIRD YEAR.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.*
Balkam, Ralph Wilson,	<i>Hyde Park,</i>	113 Central Ave.
Blakely, Chester Lawrence,	<i>Medford,</i>	50 Village, Boston.
Dennen, Joseph Horace,	<i>Pepperell,</i>	50 Village, Boston.
Lowe, Leonard Joseph,	<i>Boston,</i>	37 Worcester.
McNeil, Terrence Patrick,	<i>Roxbury,</i>	291 Highland.
Murphy, Daniel Joseph Stephen,	<i>Cork, Ireland,</i>	Hotel Essex, Cam- [bridgeport.
Peirce, Laurence Locke,	<i>Arlington Heights,</i>	Oakland Ave.
Robinson, John William,	<i>Natick,</i>	Natick.
Simpson, William Henry,	<i>Dorchester,</i>	19 Faulkner.
Smith, Windsor Reed,	<i>W. Brookfield,</i>	50 Village, Boston.

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### SECOND YEAR.

Bowley, Clifton Lewis,	<i>Middleton,</i>	Middleton.
Connors, John Francis,	<i>So. Boston,</i>	301 Eighth.
Coyne, Thomas Joseph,	<i>Charlestown,</i>	9 Winthrop.
Dillingham, Willis Erving,	<i>Boston,</i>	608 Shawmut Ave.
Dinsmore, Richard John,	<i>W. Medford,</i>	29 Central. [Boston.
Kennely, James Edward,	<i>Springfield,</i>	257 Northampton.
Kuhns, William Albert,	<i>Roxbury,</i>	34 Yeoman.
Loring, Walter Benjamin,	<i>Milford, N. H.,</i>	60 Berkeley, Boston.
O'Brien, Daniel Paul,	<i>Chelsea,</i>	36 Walnut.
Stimson, Joseph Hayden,	<i>Palmer,</i>	729 Tremont, Boston.
Wadsworth, Samuel Frederick,	<i>Keene, N. H.,</i>	113 Warren Ave., [Boston.

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### FIRST YEAR.

Cherrington, Kenneth Guild,	<i>Hyde Park,</i>	96 Gordon Ave.
Draper, Frederick Makepeace,	<i>East Norton,</i>	East Norton.
Fitzpatrick, Arthur Clinton,	<i>Boston,</i>	44 Upton.

\* When street address only is given it refers to the Town or City given for Home Residence.

Hartman, Benjamin Franklin,	<i>Providence, R. I.,</i>	73 Village, Boston.
Mulvehill, James Joseph,	<i>Ellis,</i>	Ellis.
Peirce, Harrie Winn,	<i>Arlington Heights,</i>	Oakland Ave.
Perry, Milton Thurston,	<i>Sudbury,</i>	Sudbury.
Stiles, Frederick Aloysius,	<i>Boston,</i>	90 E. Newton.
Tobin, James William,	<i>Cambridge,</i>	54 Plymouth.
Tooker, William Henry,	<i>Hyde Park,</i>	6 Green.
Ximiness, William Henry,	<i>Lynn,</i>	9 Fremont.

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 SPECIAL.

Delano, Charles Wesley,	<i>W. Duxbury,</i>	W. Duxbury.
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 SUMMARY.

THIRD YEAR . . . . .	10
SECOND YEAR . . . . .	11
FIRST YEAR . . . . .	11
SPECIAL STUDENT . . . . .	1
TOTAL . . . . .	<u>33</u>

## THE BUSSEY INSTITUTION.

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NAME.	RESIDENCE.	PRESENT ADDRESS.
Brokaw, Carl Mason,	<i>De Land, Fla.</i>	Bussey Institution.
Carbone, Philip Lawrence,	<i>Cambridge,</i>	62 Wendell St.
Connolly, Frank James,	<i>Jamaica Plain,</i>	18 Custer St.*
Grinnell, Henry, s.B. ( <i>Trinity Coll.</i> ) 1897,	<i>Westport,</i>	100 Chestnut St.*
Heath, Charles William,	<i>Harrisville, N. H.</i>	20 Weld Hill.*
Kreppel, Henry Ernest,	<i>Jamaica Plain,</i>	15 Burr St.*
Orton, Grosvenor Porter,	<i>Irvington, N. Y.</i>	Lerner Hall, Cambridge.
Parker, Augustin Hamilton, A. B. 1897,	<i>Boston,</i>	312 Dartmouth St.*
Pray, James Sturgis,	<i>Cambridge,</i>	27 Everett St.
Rogan, Edward Jackson,	<i>Boston,</i>	26 Clarendon St.*
Walker, Arthur William,	<i>Yarmouth, Me.</i>	Bussey Institution.

\* Addresses followed by an asterisk (\*) are in Boston; the others are as stated.

# THE SUMMER SCHOOL.

## STUDENTS WHO ATTENDED IN 1897.

### ENGLISH.

#### COMPOSITION. — ELEMENTARY COURSE.

Adams, Generieve,	New York, N. Y.
Agan, Laura E., <i>Teacher, and District Principal,</i>	Huntington, Ind.
Armstrong, Mrs. Josephine R., <i>Teacher of English, Benedict College, Columbia, S. C.</i>	Wakefield, R. I.
Baker, Caroline Isabel, s.B. ( <i>Smith Coll.</i> ), <i>Teacher, Worcester Classical High School,</i>	Worcester.
Barber, Mary E., <i>Teacher, South School, Hartford, Conn.</i>	West Torrington,
Barkley, Mary W., A.B. ( <i>Kansas Univ.</i> ), <i>Teacher of English, Topeka High School,</i>	[Conn.] Topeka, Kan.
Braislin, Alice G., <i>Principal Priscilla Braislin School,</i>	Bordentown, N. J.
Brewer, Clara Gertrude, <i>Principal Johnson Public School,</i>	Washington, D. C.
Brown, Charlotte M.,	Roxbury.
Buren, Dorothy May, B.L. ( <i>Avalon Coll.</i> ), <i>Teacher, Public School,</i>	Trenton, Mo.
Bury, Agnes Elizabeth, <i>Student, School of Expression, Boston,</i>	Manston, Wis.
Carleton, Lena Bacon, <i>Assistant, High School, Georgetown,</i>	Haverhill, N. H.
Carr, Harriett A., <i>Teacher of English, High School,</i>	Saratoga Springs,
Chase, Daniel Emery, <i>Student, Boston University,</i>	Somerville. [N. Y.]
Clapp, Susan Pease, <i>Teacher,</i>	Hartford, Conn.
Cotter, Elizabeth A., <i>Teacher, Ingalls School,</i>	Lynn.
Crane, Emma Frances, <i>Assistant, Norcross Grammar School, Boston,</i>	Dorchester.
Dallam, Mary Theresa, <i>Assistant, Grammar School,</i>	Baltimore, Md.
Donaldson, Elizabeth, <i>Assistant, Mather School,</i>	Dorchester.
Foster, Ida Florence, <i>Principal, Private School,</i>	Greenfield.
Graddick, Laura Josephine, A.B. ( <i>New Windsor Coll.</i> ), <i>Teacher of English, New Windsor Coll., New Windsor, Md.</i>	Barnesville, Ga.
Griffith, George Calvin, <i>Student,</i>	Moundsville, W. Va.



- Hall, Hallic, PH.B., A.M. (*De Pauw Univ.*), *Assistant Professor of English, State Normal School of Missouri, Kirksville, Mo.* Trenton, Mo.
- Harris, Willard M., *Law Student, University of Pennsylvania,* Philadelphia, Pa.
- Heffernan, Mary, *Teacher, Public School,* Brooklyn, N. Y.
- Hinckley, Louise Helen, *Teacher, Phillips Grammar School, Boston,* Cambridge.
- Hobbs, Helen Erville, *Assistant, Mather Grammar School,* Dorchester.
- Hofer, Elizabeth J., *Teacher, Public School,* New York, N. Y.
- Keith, A. Paul, *Student,* Brookline.
- Leeke, Rebecca L., A.B. (*Univ. of Vermont*), *Principal's Assistant, High School,* Bath, N. Y.
- Leonard, Abigail Eliza, *Teacher, High School,* Brooklyn, N. Y.
- Lerman, Fannie, L.I. (*Peabody Normal Coll.*), Athens, Ala.
- Libby, Alice May, A.B. (*Wellesley Coll.*), Richmond, Me.
- Marble, Sarah, *Teacher of English, State Normal School, Providence, R. I.* Woonsocket, R. I.
- Miskell, Thomas Lawrence, *Student, Harvard University,* Brookline.
- McNaught, Roy Hyde, *Student, Harvard University,* New York, N. Y.
- Noyes, Irene Hume, Portland, Me.
- Payne, Fanny Ursula, *Teacher, Public School,* Brooklyn, N. Y.
- Reed, Lina Xanthia, A.B. (*Univ. of Ark.*), *Instructor, Arkansas State University,* Fayetteville, Ark.
- Smith, William Cunningham, PH.B. (*Univ. of N. C.*), *Instructor of English, Univ. of North Carolina,* Chapel Hill, N. C.
- Steger, Mary Evelyn, *Assistant Principal, Leachewood School,* Norfolk, Va.
- Sullivan, Abigail Frances, *Student,* Boston.
- Sullivan, Eleanor L., *Teacher of Elocution and Physical Culture, St. Joseph's Academy, Hartford, Conn.* Boston.
- Townsend, Margaret, Trenton, N. J.
- Vogel, Bertha, *Teacher of German, Indianapolis Public Schools, Indianapolis, Ind.* Boston.
- Westcott, Charles Henry, *Teacher of Manual Training, Teacher's College, New York, N. Y.* Kennebunkport, Me.
- Whiting, Grace Claffin, *Assistant in High School,* Franklin.
- Williams, Jennie D., *Teacher, Public School,* New York, N. Y.
- Young, Lee Edgar, S.B. (*Univ. of Utah*), *Instructor in English, Latter-day Saints' College,* Salt Lake City, Utah.

## COMPOSITION. — ADVANCED COURSE.

Abbott, Caroline M., <i>Librarian, North Bennett St. Industrial School,</i>	Boston.
Ames, Lucia True, <i>Teacher,</i>	Boston.
Bennett, Harriet, <i>Student,</i>	New Haven, Conn.
Cameron, Susan Elizabeth, A.B. ( <i>McGill Univ.</i> ), <i>Teacher, The Misses Graham's Private School,</i>	New York, N. Y.
Christian, Caroline, <i>Teacher, Deaf Mute Institution, Rochester, N. Y.</i>	Canandaigua, N. Y.
Cobb, Eliza Polhemus, A.B. ( <i>Vassar Coll.</i> ), <i>Teacher of English, Halsted School,</i>	Yonkers, N. Y.
Collin, Grace Lathrop, L.B. ( <i>Smith Coll.</i> ), <i>Assistant in English, Brooklyn Heights Seminary,</i>	Brooklyn, N. Y.
Cronan, Anna Matilda, <i>Teacher,</i>	New York, N. Y.
Dean, Florence,	New York, N. Y.
Dowler, Vesta Mary, <i>Teacher of English and History, High School, Washington, D. C.</i>	New York, N. Y.
Dwight, Sylvester,	New York, N. Y.
Ferry, Orlando E., A.B. ( <i>Hamilton Coll.</i> ), <i>Teacher in English and Literature, Erasmus Hall High School,</i>	Brooklyn, N. Y.
Foulke, Clara J., <i>Teacher, High School,</i>	Philadelphia, Pa.
Gillmore, Mary Brownson, <i>Teacher, Horace Mann School, New York, N. Y.</i>	Brooklyn, N. Y.
Gowing, Eva Melville, A.B. ( <i>Boston Univ.</i> ), <i>Teacher, English and Modern Languages, High School, Brattleboro,</i>	Wakefield.
Graham, Sarah Newcomb, A.B. ( <i>Syracuse Univ.</i> ), <i>Instructor, Syracuse University,</i>	Schenectady, N. Y.
Herbert, John Curtis, M.S. ( <i>Miss. A. &amp; M. Coll.</i> ), <i>Professor in charge of Preparatory Department, Agricultural College,</i>	Agricultural Col- [lege, Miss.
Knox, Charles R., A.B. ( <i>Princeton Univ.</i> ), <i>Teacher, Cornwall Heights School,</i>	Cornwall-on-the- [Hudson, N. Y.
Leeke, Rebecca L., A.B. ( <i>Vermont Univ.</i> ), <i>Principal's Assistant, High School,</i>	Bath, N. Y.
McAlister, Anne Aikman, <i>Teacher of English, Hill-house High School,</i>	New Haven, Conn.
McElwain, Mary Belle, A.B. ( <i>Wilson Coll.</i> ), <i>Instructor in Greek, Mathematics, and English, Wilson College,</i>	Chambersburg, Pa.

March, Arabella, <i>Teacher of English, Penn. College for Women, Pittsburg, Pa.,</i>	London, O.
Mendenhall, Edgar, <i>Teacher of English, Greensburg High School,</i>	Greensburg, Ind.
Newcomb, Miriam Wickwire, <i>Teacher of English, English High School,</i>	Worcester.
Nye, Nettie, <i>Assistant Principal, Grammar School,</i>	Scranton, Pa.
Paddock, Ernest Moorhead, A.B. ( <i>Univ. of Penn.</i> ), B.D. ( <i>Cambridge E. T. S.</i> ), <i>Ministry,</i>	Cambridge.
Parkhurst, Helen M., <i>Instructor in English, Classical High School,</i>	Worcester.
Peck, Edith Mary, L.B. ( <i>Univ. of Cincinnati</i> ), <i>Instructor in English, University of Cincinnati,</i>	Cincinnati, O.
Perin, Mrs. Keokee Monroe,	Birmingham, Ala.
Robinson, Porter Osgood, <i>Student, Harvard University,</i>	Cambridge.
La Roche, Edwin Marks, <i>Law Clerk,</i>	Brooklyn, N. Y.
Roudebush, Alfred Holt, A.B. ( <i>Univ. of Miss.</i> ), <i>Teacher, Smith Academy, Washington University,</i>	St. Louis, Mo.
Root, Eleanor, <i>Journalist,</i>	Boston.
Segner, Marion, <i>Teacher, Public Schools,</i>	Waco, Tex.
Scott, Llewellyn Davis, <i>Associate Principal, Washington Seminary,</i>	Atlanta, Ga.
Speakman, Mary E., <i>Teacher, English Department, George School,</i>	George School P.O., [Pa.
Stacy, Celia Frances, <i>Instructor in English, High School, Gardner,</i>	Middleboro.
Steenstra, Isabella Greene, <i>Teacher, Private School,</i>	Cambridge.
Uhl, Grace B., <i>Student,</i>	Cambridge.
Walker, Laura Florence Mary, <i>Student, McGill University,</i>	Montreal, Can.
Watt, Adeline Kissam, <i>Teacher, Miss Bodman's School,</i>	Brooklyn, N. Y.
Wolcott, Eleanor C., <i>Teacher of English, High School, Stamford, Conn.</i>	Westerly, R. I.

## EIGHTEENTH CENTURY LITERATURE.

Alexander, Mary C.,	New York, N. Y.
Bates, Edith Frances, <i>Teacher, Wollaston School, Quincy,</i>	Boston.
Bain, Bertha, <i>Teacher, High School,</i>	Kansas City, Mo.

- Blanding, Maria H., *First Assistant, Girls' High School*,  
Brooklyn, N. Y.
- Carnes, Carrie E., *Teacher of English, State Normal School, Fitchburg*,  
Saugus.
- Clapp, Susan Pease, *Teacher*,  
Hartford, Conn.
- Cobb, Eliza Polhemus, A.B. (*Vassar Coll.*), *Teacher of English, Halsted School*,  
Yonkers, N. Y.
- Collin, Grace Lathrop, L.B. (*Smith Coll.*), *Assistant in English, Brooklyn Heights Seminary*,  
Brooklyn, N. Y.
- Cushing, Susanna Young, *Second Assistant, Johnston High School*,  
Providence, R. I.
- Dodge, Ellen Maria, *Teacher, State Normal School*,  
Salem.
- Edwards, Mary, *Teacher*,  
Greenfield, Ill.
- Everett, Charlotte Crittendon, M.E.L. (*The Dickinson Sem.*), *Teacher of History and Literature, The Dickinson Seminary*,  
Williamsport, Pa.
- Ferry, Orlando E., A.B. (*Hamilton Coll.*), *Teacher in English and Literature, Erasmus Hall High School*,  
Brooklyn, N. Y.
- Flagg, Charlotte E., *Assistant, Pratt Free School*,  
No. Middleboro.
- Graddick, Laura Josephine, A.B. (*New Windsor Coll.*), *Teacher of English, New Windsor College, New Windsor, Md.*  
Barnesville, Ga.
- Graham, Sarah Newcomb, A.B. (*Syracuse Univ.*),  
*Instructor in Syracuse University*,  
Schenectady, N. Y.
- Graves, Lillian, *Teacher of English Literature, Mary Institute, St. Louis, Mo.* [Mo.]  
Webster Groves,  
Tuscaloosa, Ala.
- Jemison, Mrs. Clara R.,  
Baltimore, Md.
- Jones, Mrs. Agnes Grape,  
Lowell.
- Keyes, Marion S., *Teacher*,  
Brooklyn, N. Y.
- Lewis, Mrs. Lucy Taylor,  
Cleveland, O.
- Libby, Alice May, A.B. (*Wellesley Coll.*), *Teacher of English in Miss Mittleberger's School*,  
Cleveland, O.
- Logan, Julia C., L.I. (*Normal Coll. Tenn.*), *English Teacher, Newcomb Academy*,  
New Orleans, La.
- McBride, Bessie,  
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- McElwain, Mary Belle, A.B. (*Wilson Coll.*), *Instructor in Greek, Mathematics, and English, Wilson College*,  
Chambersburg, Pa.
- Foster, Ida Florence, *Principal, Private School*,  
Greenfield.
- LaRoche, Edwin M., *Law Clerk*,  
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- Mendenhall, Edgar, *Teacher of English, Greensburg High School*,  
Greensburg, Ind.

- Nye, Nettie, *Assistant Principal, Grammar School*, Scranton, Pa.  
 Perley, Mary Elizabeth, *Teacher of Modern Languages, Tilton Seminary, Tilton, N. H.*, E. Lempster, N. H.  
 Rand, Leila L., *Teacher in Phillips School, Boston*, W. Somerville.  
 Reed, Lina Zanthia, A.B. (*Univ. of Ark.*), *Instructor, Arkansas State University*, Fayetteville, Ark.  
 Roudebush, Alfred Holt, A.B. (*Univ. of Miss.*), *Instructor, Smith Academy, Washington University*, St. Louis, Mo.  
 Sanford, Martha Cobb, *Teacher, Private School, Kansas City, Mo.*, Brookline.  
 Scott, Llewellyn Davis, *Associate Principal, Washington Seminary*, Atlanta, Ga.  
 Smith, Mary Alice, *Assistant, Grammar School*, Baltimore, Md.  
 Snodgrass, Mary A., L.B. (*Wesleyan Univ., O.*), *Teacher of English, High School*, Hackensack, N. J.  
 Spalding, Sadie Marion, Brighton.  
 Steenstra, Isabella G., *Teacher, Private School*, Cambridge.  
 Steger, Mary Evelyn, *Assistant Principal, Leachewood School*, Norfolk, Va.  
 Sullivan, Eleanor L., *Teacher of Elocution and Physical Culture, Congregation de Notre Dame, Waterbury, Conn., St. Joseph Academy, Hartford, Conn.*, Boston.  
 Thorne, Caroline Warner, *Teacher*, W. Philadelphia, Pa.  
 Trumper, May, *Principal, High School, Bryan, O.*, London, O.

## CHAUCER.

- Bain, Bertha, *Teacher, High School*, Kansas City, Mo.  
 Graves, Lilian, *Teacher of English Literature, Mary Institute, St. Louis, Mo.*, Webster Groves, Mo.  
 Hallock, Philadelphia S., *Teacher of English, The Misses Hebb's School*, Wilmington, Del.  
 Ingoldsby, Mary Phipps, *Teacher of English and Literature, Packer Collegiate Institute*, Brooklyn, N. Y.  
 Smith, Mary Alice, *Assistant, Grammar School*, Baltimore, Md.  
 Watson, Mary Holland, *Teacher of English, High School*, Newark, N. J.  
 White, Francis Beach, A.M. (*Harvard Univ.*), *Master in English, St. Paul's School, Concord, N. H.*, Cambridge.

## ANGLO-SAXON.

- |  |                    |
|--|--------------------|
| Ayer, Abbie Baker,   | Cambridge.         |
| Cullington, Anne, <i>Teacher, Public Schools,</i>                    | Baltimore, Md.     |
| Gray, Roland Palmer, A.B. ( <i>Columbia Coll.</i> ), <i>In-</i>      |                    |
| <i>structor in English, University of Rochester,</i>                 | Rochester, N. Y.   |
| Jones, Alice Cynthia, A.B. ( <i>Wellesley Coll.</i> ), <i>Head</i>   |                    |
| <i>of English Department, Springfield,</i>                           | Stoneham.          |
| Langley, Sara B.   | Norfolk, Va.       |
| Noyes, Atherton, A.B. ( <i>Yale Univ.</i> ), <i>Instructor in</i>    |                    |
| <i>English, Colorado College, Colorado Springs,</i>                  | Winchester.        |
| <i>Col.</i>  |                    |
| Reber, Charles Edgar, A.B. and A.M. ( <i>Ursinus</i>                 |                    |
| <i>Coll.</i> ), P.D.D. ( <i>Wooster Univ.</i> ), <i>Professor of</i> |                    |
| <i>English Language and Literature, Ursinus</i>                      |                    |
| <i>College, Colledgeville, Pa.</i>                                   | Middle Spring, Pa. |

## GERMAN.

## COURSE IN COMPOSITION.

- |   |                   |
|---|-------------------|
| Abbott, Allan, A.B. ( <i>Harvard Univ.</i> ), <i>Teacher,</i> |                   |
| <i>St. James School, College of St. James, Wash-</i>          |                   |
| <i>ington Co., Md.</i>  | Watertown.        |
| Ames, Mrs. Jane E.,   | Jaffrey, N. H.    |
| Green, Frederick Dexter, A.B. ( <i>Univ. of Mich.</i> ),      |                   |
| <i>Instructor, Detroit School for Boys,</i>                   | Detroit, Mich.    |
| Kirschner, Julia, <i>Teacher, High School,</i>                | Troy, N. Y.       |
| Lang, Eleanor F., <i>Teacher, Rice Training School,</i>       |                   |
| <i>Boston,</i>  | Roxbury.          |
| Sawyer, Mary Rowell, <i>Assistant, High School,</i>           | Salem.            |
| Sears, Anne Smith, <i>Teacher, Claflin University,</i>        |                   |
| <i>Orangeburg, S. C.</i>                                      | W. Brewster.      |
| Walter, Frances K.,   | Philadelphia, Pa. |

## COURSE IN LITERATURE.

- |  |                |
|--|----------------|
| Adams, Lula Giralda, P.H.B. ( <i>Wesleyan Univ.</i> ),   |                |
| <i>Teacher, High School,</i>                             | Brookline.     |
| Bray, Josephine Compton, A.B. ( <i>Smith Coll.</i> ),    | Tufts College. |
| Dodge, Ellen Maria, <i>Teacher, State Normal School,</i> | Salem.         |
| Haigh, Emma Muench, <i>Teacher, Public School,</i>       |                |
| <i>Collingswood, N. J.</i>                               | Camden, N. J.  |
| Lang, Eleanor Frances, <i>Teacher, Rice Training</i>     |                |
| <i>School, Boston,</i>                                   | Roxbury.       |
| Schaefer, Hedwig Sophie, <i>Teacher of German and</i>    |                |
| <i>French, Northfield Seminary.</i>                      | E. Northfield. |

## FRENCH.

## COURSE A.

Batchelder, Samuel Francis, A.B. ( <i>Harvard Univ.</i> ), <i>Law Student, Harvard University,</i>	Cambridge.
Best, Louis A., <i>Student, Harvard University,</i>	Cambridge.
Brinckerhoff, Walter Remsen, <i>Student, Harvard University,</i>	Matteawan, N. Y.
Chase, Lewis Nathaniel, A.B. ( <i>Columbia Coll.</i> ),	Rochester, N. Y.
Johnston, Martha T., <i>Instructor in English History, High School,</i>	Paterson, N. J.
Salisbury, Celia A., <i>Teacher, High School,</i>	Denver, Colo.
Seal, Harriett Fell,	Philadelphia, Pa.
Sears, Seth, <i>Sub-Master, Prince School, Boston,</i>	Cambridge.
Stott, Annie Bernice, <i>Teacher, Public School,</i>	Winchester.
Swett, Edith Josephine, A.B. ( <i>Smith Coll.</i> ), <i>First Assistant, Lancaster High School,</i>	Winchester.

## COURSE B.

Chase, Lewis Nathaniel, A.B. ( <i>Columbia Coll.</i> ),	Rochester, N. Y.
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## GREEK FOR TEACHERS.

O'Flaherty, Mary Pembroke, A.B. ( <i>Wesleyan Univ.</i> ), <i>Teacher of Greek, High School, Holyoke,</i>	Hartford, Conn.
Sterling, Sarah Hall, A.B. ( <i>Swarthmore Coll.</i> ), <i>Instructor, Friend's Central High School,</i>	Philadelphia, Pa.

## LATIN FOR TEACHERS.

Allen, Grace Olive, <i>Teacher, Mather School, Dorchester,</i>	Winthrop.
Bigelow, Mrs. Fannie W., <i>Teacher, Private School,</i>	Boston.
Bradbury, Ellen Brooks, A.B. ( <i>Smith Coll.</i> ),	New York, N. Y.
Bouldin, Ellen B., <i>Teacher of Latin and Mathematics, Mrs. Meade's School,</i>	Richmond, Va.
Brainard, Altian Hall, A.M. ( <i>Colby Univ.</i> ), <i>Student, Harvard University,</i>	Hebron Academy,
Barrett, Edward William, S.B. ( <i>Boston Univ.</i> ), <i>Principal, High School, Blackstone,</i>	[Me. Milford.
Dallam, Mary Theresa, <i>Assistant, Grammar School,</i>	Baltimore, Md.

Daniels, Ernest D., A.M. ( <i>Amherst Coll.</i> ), <i>Principal, Horace Mann High School, and Supt. of Public Schools,</i>	Franklin.
Gaffney, Margaret Augusta, PH.B. ( <i>Boston Univ.</i> ), <i>Teacher, High School,</i>	Whitman.
Hardy, A. Bertha, <i>Teacher of Latin, Tilton Seminary, Tilton, N. H.</i>	Somerville.
Holloway, William James, <i>Vice Principal, High School,</i>	Salisbury, Md.
Kimball, M. Alice, <i>Assistant, Boston,</i>	Newtonville.
Knowlton, Mary, <i>Teacher, High School, West Chester, Pa.</i>	Holland Patent,
Libby, Frances Lucile, A.B. ( <i>Wellesley Coll.</i> ), <i>Preceptress, Bridgton Academy, No. Bridgton, Me.</i>	[N. Y.
Nelson, James Carlton, A.M. ( <i>Hanover Coll., Ind.</i> ), <i>Teacher of Latin, Township High School,</i>	Richmond, Me.
Preston, Alice A., <i>Teacher of Latin, Bromfield School,</i>	Princeton, Ill.
Sanford, Martha Cobb, <i>Teacher, Private School, Kansas City, Mo.</i>	Harvard.
Shirley, Florence, A.B. ( <i>Wellesley Coll.</i> ), <i>Teacher, High School,</i>	Brookline.
Swiney, Carolyn M., S.B. ( <i>Middlebury Coll.</i> ), <i>Teacher of Latin, High School,</i>	Milton.
Templeton, Jane Havens, <i>Teacher of Latin, Tome Institute, Port Deposit, Md.</i>	Holyoke.
Walter, Helen, <i>Teacher, Private School,</i>	Albany, N. Y.
Watkins, H. T., A.B. ( <i>Colby Univ.</i> ), <i>Principal, High School, Old Town, Me.</i>	New York, N. Y.
Wilmer, Edna, <i>Principal, High School, Williamsport, Ind.</i>	Allston.
	Attica, Ind.

## HISTORY.

## AMERICAN HISTORY.

Alexander, Georgia A., <i>Principal, School No. 8,</i>	Indianapolis, Ind.
Beverley, Clara, <i>Assistant Principal, Everett School,</i>	Detroit, Mich.
Bingham, Maude C., B.E., M.E. ( <i>Edinboro State Normal</i> ), <i>Teacher, State Normal School,</i>	Slippery Rock, Pa.
Burnell, Martha May, <i>Teacher, Practice Department, Bridgewater State Normal School,</i>	Boston.
Coffin, Mrs. Elizabeth F.,	Narberth, Pa.
Cutler, Mary Helen, A.B. ( <i>Wellesley Coll.</i> ), <i>Teacher, Arlington High School, Arlington,</i>	Auburndale.



- Davis, Jennie Melvene, *Teacher of American History, High School, E. Orange, N. J.; Lecturer on American History, N. Y. Public School Course,* Potsdam, N. Y.
- East, Richard Ellsworth, LL.B. (*West Virginia Univ.*), *Professor of History and Political Science, West Virginia University,* Morgantown, W. Va.
- Gaskill, Lois Lillian, *Instructor in History, Polytechnic Institute, Brooklyn, N. Y.* Wilson, N. Y.
- Hallowell, Henrietta T., *Teacher of History and English, High School,* Milton.
- Harper, Susan, *Teacher, Washington Normal School,* Detroit, Mich.
- Hernsheim, Charles, *Student, Harvard University,* Cambridge.
- Mackenzie, Janet, A.B. (*Michigan Univ.*), *Principal, Grammar School,* Detroit, Mich.
- Merrick, Charles F., *Sub-master, Bennett School, Boston,* Atlantic.
- Merritt, Gertrude, *Teacher, Haddon Public School, Haddonfield, N. J.* Woodbury, N. J.
- McLain, Jennie Eva, S.B. (*State Agri. Coll., Col.*), *Teacher of History, State Normal School, Peru, Neb.* Fort Collins, Col.
- Paine, Emily Florence, *Teacher, Miss Spence School,* New York, N. Y.
- Parker, Carrie Frances, *Teacher, Mather School, Dorchester,* Quincy.
- Phillips, Helen Moore, PH.B. (*Washington Univ.*), *Teacher, Lachmund School,* St. Louis, Mo.
- Randall, Georgia Alberta, *Kindergartner,* Roslindale.
- Smith, Mary Cushing, *Teacher of History, High School,* Fitchburg.
- Watson, Jane Smith, *Teacher of History, Wells College, Aurora, N. Y.* East Avon, N. Y.
- Young, Mary, A.B. (*Wellesley Coll.*), *Teacher of English and History, High School,* Titusville, Pa.

## CIVIL GOVERNMENT.

- Bingham, Maude C., B.E., M.E. (*Edinboro State Normal*), *Teacher, State Normal School,* Slippery Rock, Pa.
- Hallowell, Henrietta T., *Teacher of History and English, High School,* Milton.
- Jones, Anna Maxwell, *Student, Univ. of New York,* Saratoga Springs, [N. Y.]
- Newell, Charlotte, *Teacher of History and English, The Jacob Tome Institute,* Port Deposit, Md.
- Vickery, Mabel S., *Principal, Latin School,* Chicago, Ill.

## PSYCHOLOGY.

Carpenter, Alice Caroline,	Brookline.
Davidson, John William, A.M. ( <i>Mecorn Coll.</i> ), <i>Superintendent, County School,</i>	Evansville, Ind.
Hamilton, Anna May, A.B. ( <i>Wellesley Coll.</i> ), <i>Instructor in Latin, College for Women, Pitts-</i> <i>burg, Pa.</i>	Wakefield.
Joyce, Adiline Tucker, <i>Kindergartner, Robt. C.</i> <i>Winthrop School,</i>	Brookline.
Sears, Charles Henry, PH.D. ( <i>Allegheny Coll.</i> ), <i>Teacher, Claflin University,</i>	West Brewster.
Smith, Frederick Miller, <i>Student, Harvard Univer-</i> <i>sity,</i>	Worcester.

## EDUCATION AND TEACHING.

Armstrong, George Peters, <i>Superintendent of</i> <i>Schools,</i>	Belmont.
Blackmore, Charles D., A.B. ( <i>Rochester Univ.</i> ), <i>Principal, Grammar School,</i>	Rochester, N. Y.
Blaisdell, Etta Austin, <i>Assistant Superintendent of</i> <i>Schools,</i>	Brockton.
Dranga, Wilhelmina N., <i>Supervisor of Drawing,</i> <i>Chelsea and Dedham; Assistant, Mass. Normal</i> <i>Art School,</i>	Boston.
Duggan, Margaret P., <i>Teacher, Grammar School,</i>	New York, N. Y.
Emerson, Mabel Irene, <i>Teacher, Rice Training</i> <i>School, Boston,</i>	Roxbury.
Gilbert, Kate D., <i>Teacher, Grammar School,</i>	Brooklyn, N. Y.
Gilfether, Agnes G., <i>Teacher, Lawrence School,</i>	So. Boston.
Hall, Virginia,	No. Cambridge.
Harvey, Charles Woodruff, <i>Special Student, Har-</i> <i>vard University,</i>	Cambridge.
Hicks, Lillie Anderson, <i>Principal, Practice Depart-</i> <i>ment, State Normal School, Bridgewater,</i>	Quincy.
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King, Will H., A.B. ( <i>Westminster Coll.</i> ), <i>Superin-</i> <i>tendent of Harbor Special Schools,</i>	Ashtabula, O.
Mack, Susan Margarita, <i>Principal, Public School,</i>	New York, N. Y.
Molloy, Mary A., <i>Teacher, Prescott Grammar</i> <i>School,</i>	Randolph.

- Nutter, Richard W., A.B. (*Bates Coll.*), *Principal, Grammar School*, Lynn.
- O'Connell, Jerome A., S.B. (*Coll. of City of New York*), LL.B. (*New York Univ.*), *Principal, Evening School 83*, New York, N. Y.
- Olsson, Anna M., S.B. (*Wellesley Coll.*), *Teacher of Mathematics, Girls' High School, Brooklyn, N. Y.* Cambridge.
- Page, Norman J., A.B. (*Dartmouth Coll.*), *Principal, High School, Bethlehem, N. H.* E. Haverhill, N. H.
- Prince, John T., PH.D. (*Leipzig Univ.*), *Agent, Massachusetts Board of Education*, W. Newton.
- Richards, Charles R., *Director, Department of Science and Technology, Pratt Institute*, Brooklyn, N. Y.
- Richardson, Myron Wallace, A.B. (*Harvard Univ.*), *Superintendent of Schools*, Milton.
- Robbins, Emily Curtis, *Teacher of Biology, High School, Springfield*, Cambridge.
- Roberts, Dora E., A.B. (*Bates Coll.*), Auburn, Me.
- Sanborn, Frank Edwin, S.B. (*Mass. Inst. of Tech.*), *Instructor, Tufts College*, Tufts College.
- Schmidt, Frank Albert, PH.D. (*New York Univ.*), *Principal, Evening School; and First Assistant, Grammar School*, New York, N. Y.
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- Vaughan, Anna Mabel, A.B. (*Radcliffe Coll.*), *Student*, Cambridge.
- Walker, John Thomas, A.B. (*Miss. Coll.*), *Superintendent of Schools*, Wesson, Miss.
- West, Agnes Douglas, *Principal, Leache-Wood Seminary*, Norfolk, Va.
- Williams, Alida S., *Vice Principal, Grammar School 96*, New York, N. Y.

#### METHODS OF TEACHING GEOMETRY AND ALGEBRA.

- Aldrich, Sybil Bacon, *Teacher*, Roxbury.
- Barber, Lucretia Jane, *Teacher, Storrs Agricultural College*, W. Torrington,
- Bartlett, Annette M., L.B. (*Lebanon Univ.*), *Teacher, State Normal School, North Adams*, [Conn.]  
Mt. Gilead, O.
- Bigelow, Gertrude Emmons, *Teacher, Normal School*, Boston.

Bouldin, Ellen B., <i>Teacher of Latin and Mathematics, Mrs. Meade's School,</i>	Richmond, Va.
Gartland, Peter Francis, A.M. ( <i>Boston Coll.</i> ), <i>Junior Master, English High School, Boston,</i>	Cambridgeport.
Hazel, Harry Rice, A.B. ( <i>Oberlin Coll.</i> ), <i>Instructor in Mathematics, High School, Fremont, O.</i>	No. Amherst, O.
Holloway, William James, <i>Vice Principal, High School,</i>	Salisbury, Md.
Kyle, Madeline L., <i>Assistant, High School, Fairhaven,</i>	Danvers.
Morrill, Elvira, <i>Principal, High School, Wilton, N. H.</i>	Somerville.
Olsson, Anna M., S.B. ( <i>Wellesley Coll.</i> ), <i>Teacher of Mathematics, Girls' High School, Brooklyn, N. Y.</i>	Cambridge.
Peirce, Bertha, <i>Teacher,</i>	No. Attleborough.
Roberts, Dora E., A.B. ( <i>Bates Coll.</i> ),	Auburn, Me.
Shed, Mary Helen, <i>Teacher,</i>	Boston.
Stanwood, Cora Lee, <i>Teacher of Mathematics, Franklin Female Seminary, Franklin, Va.</i>	Beamon, Va.
Swindler, Lee M., A.B. ( <i>Iowa Coll.</i> ), <i>Principal, Guthrie County High School,</i>	Panora, Ia.
Walters, C. Elizabeth, <i>Teacher, High School, Medford,</i>	E. Milton.
Wilcox, Marion Newell, S.B. ( <i>Wellesley Coll.</i> ), <i>Instructor in Mathematics, High School,</i>	Medford.
Woodward, Frederick R., A.B. ( <i>Williams Coll.</i> ), <i>Assistant, High School,</i>	Lowell.

## MATHEMATICS.

### SOLID GEOMETRY.

Barstow, Lydia Putnam, <i>Student,</i>	Brooklyn, N. Y.
Bartlett, Annette M., S.B. ( <i>Lebanon Univ.</i> ), <i>Teacher, State Normal School, North Adams,</i>	Mt. Gilead, O.
Bigelow, Gertrude E., <i>Teacher, Normal School,</i>	Boston.
Brush, Edwin Marin, <i>Student, High School,</i>	Brookline.
Emmet, Grenville Temple, <i>Student, Harvard University,</i>	New Rochelle, N. Y.
Green, Mary L., <i>Teacher, Lewis School,</i>	Roxbury.
Jones, Emma Annie, <i>Art Teacher, Girls' High School, Brooklyn, N. Y.</i>	Morris Park, L. I.



Lewis, Mrs. Lucy Taylor, <i>Assistant Principal, Girls' High School,</i>	Brooklyn, N. Y.
Mason, Howard Curry, <i>Student, Harvard University,</i>	Boone, Ia.
Noyes, George Harold, <i>Student, Harvard University,</i>	Georgetown.
Schneider, Kate, <i>Teacher, Lafayette School,</i>	St. Louis, Mo.
Shapleigh, Rogers Wentworth,	Newton.
Taylor, Valentine, <i>Student, Harvard University,</i>	New York, N. Y.
Thornhill, Ernest Algier, <i>Student, Harvard University,</i>	Normal, Ill.
Waymouth, Grace Cromwell, A.B. ( <i>Wellesley Coll.</i> ),	Cambridge.
Wiel, Samuel C., <i>Student, Harvard University,</i>	San Francisco, Cal.
Wiener, Clarence, <i>Student, Harvard University,</i>	Cambridge.

## CALCULUS.

Allen, Lyman Richards, <i>Student, Harvard University,</i>	East Bridgewater.
Cutler, Sam Clark, <i>Student, Harvard University,</i>	Brookline.
Dinsmoor, William P. J., <i>Student, Harvard University,</i>	Keene, N. H.
Franckhauser, J. B., <i>Professor, St. Charles College,</i>	Grand Coteau, La.
Norton, Lyon Levi, A.B. ( <i>Wesleyan Univ.</i> ), <i>Teacher of Mathematics, Mount Hermon School,</i>	Mount Hermon.
Sherwin, Robert Waterston, <i>Student, Harvard University,</i>	Jamaica Plain.
Stitch, Thomas E., <i>Professor of Mathematics, St. Stanislaus College,</i>	Vineville, Ga.
Young, Irene O., <i>Teacher,</i>	Washington, D. C.

## TRIGONOMETRY.

Cranford, Alexander Blair, A.M. ( <i>Dartmouth Coll.</i> ), <i>Principal, High School,</i>	Bellows Fall, Vt.
Dovey, Adelaide Hayes, <i>Assistant in Physics and Chemistry, Normal School,</i>	Philadelphia, Pa.
Emmet, Grenville Temple, <i>Student, Harvard University,</i>	New Rochelle, N. Y.
Fraunfelder, Clare Edwin, <i>Student, Harvard University,</i>	Canton, O.
Gilman, Margaret, <i>Principal, Lincoln School,</i>	Providence, R. I.
Jordan, Clara Mitchell,	Brookline.
Knott, Nannie, <i>Student, Radcliffe College,</i>	Dayton, O.

Mix, Harry Collier, <i>Student, Harvard University,</i>	Cambridge.
Sharpe, Harriett Wayland, <i>Teacher of Mathematics,</i> <i>High School,</i>	Saratoga Springs, [N. Y.]
Stanwood, Cora Lee, <i>Teacher in Mathematics,</i> <i>Franklin Female Seminary, Franklin, Va.</i>	Beamon, Va.
Stanwood, Francis Manning, Jr., A.B. ( <i>Harvard Univ.</i> ),	Boston.
Swindler, Lee M., A.B. ( <i>Iowa Coll.</i> ), <i>Principal,</i> <i>Guthrie County High School,</i>	Panora, Ia.
Taylor, Robert Wesley, <i>Teacher of Mathematics,</i> <i>Tuskegee Institute,</i>	Tuskegee, Ala.
Taylor, Valentine, <i>Student, Harvard University,</i>	New York, N. Y.
Thornhill, Ernest Algier, <i>Student, Harvard University,</i>	Normal, Ill.
Wiener, Clarence, <i>Student, Harvard University,</i>	Cambridge.
Wilson, Ralph Graham, <i>Student, Harvard University,</i>	Germantown, Pa.
Woodward, Frederick R., A.B. ( <i>Williams Coll.</i> ), <i>Assistant, High School,</i>	Lowell.

## ANALYTIC GEOMETRY.

Hosmer, Elmer Samuel, A.M. ( <i>Brown Univ.</i> ), <i>Principal, High School,</i>	Bristol, Conn.
Jordan, Clara M.,	Brookline.
Wilson, Ralph Graham, <i>Student, Harvard University,</i>	Germantown, Pa.

## ENGINEERING.

Bancroft, Paul, <i>Student, Harvard University,</i>	San Francisco, Cal.
Ireland, George Preston, <i>Student, Tufts College,</i>	Springfield.
Stanwood, Eben Blaine, <i>Student, Harvard University,</i>	Boston.

## PHYSICS.

Bixler, Josiah, A.M. ( <i>Ohio Normal Univ.</i> ), <i>Superintendent of Schools,</i>	Hillsboro, Ill.
Butler, Mabel Louise, A.B. ( <i>Mt. Holyoke Coll.</i> ), <i>Teacher of Science, High School,</i>	West Boylston.
Caverly, Joseph L., A.M. ( <i>Dartmouth Coll.</i> ), <i>Sub-Master, Rice Training School, Boston,</i>	Newton.
Coffin, Mary Elizabeth, P.D.D. ( <i>New York Univ.</i> ), <i>Vice-Principal, High School, and Instructor in Science,</i>	Asbury Park, N. J.

Colburn, Minnie Adelaide, <i>Teacher, Hooker School, Springfield,</i>	Hollis, N. H.
Currie, Thomas H., A.M. ( <i>Harvard Univ.</i> ), <i>Teacher, New York, N. Y.</i>	Piermont, N. Y.
Dennis, Bertha E., <i>Teacher, Lyceum Hall School, Dorchester,</i>	Milton.
Densmore, John H.,	Somerville.
Earle, Mabel Lavinia, A.B. ( <i>Radcliffe Coll.</i> ), <i>Teacher, Private School,</i>	Lynn.
Fisher, Sarah Maria, A.B. ( <i>Boston Univ.</i> ), A.M. ( <i>Brown Univ.</i> ), <i>Teacher of Mathematics, The Classical School for Girls, Boston,</i>	Melrose.
Gillespie, Elizabeth, <i>Teacher of Natural Sciences, High School,</i>	Norfolk, Va.
Harris, Mabel Everett, A.B. ( <i>Radcliffe Coll.</i> ), <i>Teacher, Latin School,</i>	Cambridge.
Haskell, Mary Elizabeth, A.B. ( <i>Wellesley Coll.</i> ), <i>Teacher, Presbyterian College for Women,</i>	Columbia, S. C.
Hill, David Spence, A.B. ( <i>Randolph-Macon Coll.</i> ), <i>Instructor of Physics and Chemistry, Smith Academy,</i>	St. Louis, Mo.
Howell, Jean Kirk, M.S. ( <i>Cornell Univ.</i> ), <i>Teacher,</i>	Painted Post, N. Y.
Jones, Mabel I., A.B. ( <i>Vassar Coll.</i> ), <i>Teacher of Science, High School,</i>	Titusville, Pa.
Joyce, Edith Kinsley, <i>Teacher of Biology and Chemistry, Brearley School, New York, N. Y.</i>	Brookline.
Kirby, Elizabeth P., A.B. ( <i>Vassar Coll.</i> ), <i>Teacher,</i>	Plainfield, N. J.
Lillis, John W., <i>Principal, Webster School,</i>	Everett.
Lottridge, Silas Alpha, Ph.M. ( <i>St. Lawrence Univ.</i> ), <i>Instructor of Chemistry and Physics, High School,</i>	East Orange, N. J.
Molloy, Hugh J., A.B. ( <i>Boston Coll.</i> ), <i>Teacher, John K. Turbox School,</i>	Lawrence.
Negus, Samuel Pike, <i>Student, Harvard University,</i>	Cambridge.
Parmenter, Eleanor B., <i>Teacher, Public School, Haddonfield, N. J.</i>	Camden, N. J.
Riegner, Rebecca Wilson, <i>Teacher,</i>	Philadelphia, Pa.
Rodgers, Jennie, <i>Teacher,</i>	Philadelphia, Pa.
Simmons, Chas. L., <i>Principal, High School,</i>	Orange.
Stanley, Louis H., <i>Principal, Grammar School, West Hartford, Conn.</i>	Brooklyn, Conn.
Symonds, Leverett Vasmer, A.B. ( <i>Williams Coll.</i> ), <i>Principal, Leland &amp; Gray Seminary, Townshend, Vt.</i>	Salem.

Timanus, May Reading, <i>Assistant in Physics and Chemistry, Philadelphia Normal School,</i>	Philadelphia, Pa.
Ward, Charles Whitney, <i>Student, Harvard University,</i>	Dorchester.
Wilkins, Mary Lucy, <i>Student, Radcliffe College,</i>	Cambridge.
Woodbury, Mary Hale, s.B. ( <i>Mt. Holyoke Coll.</i> ), <i>Teacher of Mathematics and Science, High School, Milford,</i>	Salem.

## ADVANCED COURSE.

Corbett, John,	Cambridge.
Dunning, Albert Beach, <i>Student, Harvard University,</i>	Jamaica Plain.
Guertin, Louis, A.B. ( <i>Laval Univ.</i> ), <i>Professor of Sciences, St. Joseph's College,</i>	St Joseph's College,
Hazel, Harry Rice, A.B. ( <i>Oberlin Coll.</i> ), <i>Instructor, High School, Fremont, O.</i>	[N. B. North Amherst, O.
Horgan, John Dennis, <i>Student, Mass. Institute of Technology,</i>	Dorchester.
Hoyt, Giles Milton,	Danbury, Conn.
Loomis, Herbert Norton, <i>Teacher of Science, State Normal School,</i>	New Haven, Conn.
Rogers, Leo A., <i>Student, West Roxbury High School,</i>	Jamaica Plain.
Strong, Harry Carter, <i>Student, Harvard University,</i>	Plainfield, Ind.
Woodbury, Chas. Talbot, A.B. ( <i>Dartmouth Coll.</i> ),	Salem, N. H.

## CHEMISTRY.

## GENERAL CHEMISTRY.

Blossom, Margaret, <i>Assistant Science Teacher, Packer Collegiate Institute,</i>	Brooklyn, N. Y.
Bowen, Cora Aldrich, <i>Teacher,</i>	Providence, R. I.
Bryden, Lucy Annette, <i>Student, Wellesley College,</i>	Stoughton.
Leavens, Frank Nichols, A.B. ( <i>Univ. of Minn.</i> ), <i>Teacher of Science, East Side High School,</i>	Minneapolis, Minn.
Line, Carrie Elizabeth, <i>Teacher of Science, Illinois Female College,</i>	Jacksonville, Ill.
Pollard, Harold Stanley, <i>Student,</i>	Boston.
Childs, Alice Woolley, <i>Student, Wellesley College,</i>	Amesbury.

## QUALITATIVE ANALYSIS.

Blackwell, Howard Lane, <i>Student, Harvard University,</i>	East Orange, N. J.
Dionne, Gustave Adolphe Leo, A.B. ( <i>Wooster Univ.</i> ), <i>Instructor, Blair Hall Academy,</i>	Blairstown, N. J.



Hall, Gardner W., <i>Student, Harvard University,</i>	Newton.
Griffiths, Albert Farnsworth, <i>Student, Harvard University,</i>	Lexington.
Lure, Fred Allen, A.B. ( <i>Colby Univ.</i> ), <i>Principal, Hitchcock Free High School, Brimfield,</i>	Vassalboro, Me.
Sawyer, Mary Alma, <i>Teacher, and Dean of The Western College,</i>	Oxford, O.
Van Arsdale, May Bell, <i>Instructor in Chemistry, Teachers' College,</i>	New York, N. Y.

## QUANTITATIVE ANALYSIS.

Bond, Willis Elmer, A.B. ( <i>Univ. of Mich.</i> ), <i>Professor of Mathematics and Science, State Normal and Training School,</i>	Potsdam, N. Y.
Earle, George Winburn, L.B. ( <i>Dartmouth Coll.</i> ), <i>Principal, High School,</i>	Kent's Hill, Me.
Latham, Everett Bodine, LL.B. ( <i>Detroit College of Law</i> ), <i>Lawyer,</i>	Detroit, Mich.
Wilson, Charles Crawford, S.B. ( <i>Harvard Univ.</i> ), <i>Instructor in Science, High School,</i>	Jersey City, N. J.

## ORGANIC CHEMISTRY.

Berry, Burton Judson, <i>Student, Harvard University,</i>	Warwick, N. Y.
Suydam, Eugenie, <i>Vice-Principal, McDonough High School,</i>	New Orleans, La.
Tucker, Philip Melancthon, <i>Student, Harvard University,</i>	Jamaica Plain.
Wolfe, Elmer Ellsworth, PH.D. ( <i>Richmond Coll.</i> ), <i>Teacher of Science, Fort Edward Collegiate Institute,</i>	Fort Edward, N. Y.

## BOTANY.

Andrews, Walter Scott, A.B. ( <i>Harvard Univ.</i> ),	New York, N. Y.
Cocker, Margaret Alice, <i>Teacher, Public School,</i>	Paterson, N. J.
Colton, Reuben, A.B. ( <i>Haverford Coll.</i> ),	Brookline.
Detter, David Fillmore, M.E. ( <i>Millersville State Normal School</i> ), <i>Principal, Public School,</i>	Tower City, Pa.
Hasbrouck, Anna Belle, <i>Teacher of Science, High School, Holyoke,</i>	Waterloo, N. Y.
Hawby, Mary Pope, A.B. ( <i>Wellesley Coll.</i> ), <i>Student,</i>	Malden.
Johnston, Emma L., <i>Instructor in English, Training School for Teachers, Brooklyn, N. Y.</i>	Paterson, N. J.

Moore, Mary C.,	Ocean City, N. J.
Morris, George E., <i>Teacher,</i>	Waltham.
Reynolds, Roberta, <i>Student, Radcliffe College,</i>	Buffalo, N. Y.
Warren, Henry Ellis, s.B. ( <i>Mass. Inst. of Tech.</i> ), <i>Student,</i>	Newton Centre.

## GEOLOGY.

Ayer, Waldo Emerson, <i>Army Officer,</i>	Delaware, O.
Cassidy, James Edwin, A.M. ( <i>Univ. of St. Mary's</i> ), <i>Professor of Physics, St. Joseph's Seminary,</i> <i>Yonkers, N. Y.</i>	Jamaica Plain.
Devlin, John Edward, <i>Student, Harvard University,</i>	Boston.
Frost, Donald McKay, <i>Student, Harvard University,</i>	Cambridge.
Hanna, Ina May, s.B. ( <i>Westminster Coll.</i> ), <i>Professor</i> <i>of Botany, Westminster College,</i>	New Wilmington,
Hathaway, George Adelbert, <i>Student, Harvard</i> <i>University,</i>	[Pa. Segreganset.
Hawkins, William Herrick, <i>Student, Harvard</i> <i>University,</i>	• Cambridge.
Heard, Edmund, <i>Student, Harvard University,</i>	Boston.
Hutchins, George Amasa, A.B. ( <i>Bates Coll.</i> ), <i>Teacher</i> <i>of Science, High School.</i>	Amesbury.
Hyde, F. E., <i>Student, Harvard University,</i>	New York, N. Y.
Jackson, Frederick Gibbs, A.B. ( <i>Harvard Univ.</i> ), <i>Head of Department of Physics and Chemistry,</i> <i>High School, Montclair, N. J.</i>	Dorchester.
Lee, Robert Emmons, <i>Student, Harvard University,</i>	Boston.
Lockwood, Cornelius Wygant, <i>Student, Harvard</i> <i>University,</i>	Newburgh, N. Y.
MacLeod, William Preston, <i>Student,</i>	Cambridge.
Nicoll, Leonard Francis,	New York, N. Y.
Packard, Frederic Henry, <i>Student, Harvard Uni-</i> <i>versity,</i>	Woburn.
Scott, Arthur Curtis, s.B. ( <i>Rhode Island State</i> <i>College</i> ), <i>Teacher, Rhode Island State College,</i>	Kingston, R. I.
Ullman, Albert Eckhardt, <i>Student, Harvard Uni-</i> <i>versity,</i>	New York, N. Y.
Well, Samuel Charles, <i>Student, Harvard Univer-</i> <i>sity,</i>	San Francisco, Ca.
Wiener, Clarence, <i>Student, Harvard University,</i>	Cambridge.

## GEOGRAPHY.

## GEOGRAPHY.

- Abbott, Abbie Goodnow, *Teacher, Dearborn Grammar School, Boston,*  
 Antill, Avis, *Teacher,*  
 Baber, Zonia, *Head of Department of Geography, Cook County Normal School,*  
 Barstow, Eloise, A., *Teacher,*  
 Barton, Annie J., *Principal, Colburn School,*  
 Brazer, Nellie F., *Teacher, Sherwin Grammar School,*  
 Brown, Bessie Hayner, *Principal, Washington School,*  
 Campbell, Elizabeth, *Assistant, Wells School, Boston,*  
 Carey, Margaret Ellen, *Assistant, Quincy School, Boston,*  
 Carss, Elizabeth, *PH.B. (Cornell Univ.), Instructor of Physiology, Teachers' College,*  
 Chapin, Mary Isabel, *Supervisor, State Normal School,*  
 Corr, Mary B., *Teacher, Mather Grammar School, Boston,*  
 Courtney, Catherine F., *Teacher,*  
 Crane, Eva Rosaline, *Teacher, Faulkner School, Malden,*  
 Cropsey, N., *Assistant Superintendent,*  
 Cummings, Mary F., *Teacher, Lowell Grammar School,*  
 Cunningham, Mary Veronica, *Teacher, Eliot School, Boston,*  
 Dame, Dana, P., *A.M. (Dartmouth Coll.), Superintendent of Schools,*  
 Davis, Ida Hale, *Teacher, Quincy School, Boston,*  
 Deming, Charlotte E., *Teacher, Rhode Island Normal School,*  
 Dillon, Grace C., *Teacher, Martin School, Boston,*  
 Doring, Jessie, *Teacher, Froebel Academy, Brooklyn, N. Y.*  
 Downes, Charles S., *S.B. (Cornell Univ.), Teacher, High School, Medford,*
- Dorchester.  
 Skowhegan, Me.  
 Chicago, Ill.  
 So. Boston.  
 W. Dedham.  
 Roxbury.  
 Winchester.  
 Everett.  
 Auburndale.  
 New York, N.Y.  
 Fitchburg.  
 Roxbury.  
 Indianapolis, Ind.  
 Melrose.  
 Indianapolis, Ind.  
 Boston.  
 No. Cambridge.  
 Greenfield.  
 Malden.  
 Providence, R. I.  
 Dorchester.  
 Perry, Me.  
 Frankestown, N. H.

Drake, Mrs. Laura Bell, <i>Teacher</i> ,	Auburndale.
Edwards, George G., <i>Sub-Master, Quincy School, Boston</i> ,	Jamaica Plain.
Grabau, Amadeus W., s.B. ( <i>Mass. Inst. Tech.</i> ), <i>Instructor in Palaeontology, Assistant in Geology, Mass. Institute of Technology</i> ,	Boston.
Gillmore, Gertrude Assheton, <i>Teacher, Froebel Academy</i> ,	Brooklyn, N. Y.
Grey, Evangeline, <i>Teacher</i> ,	Gloucester.
Haley, Charles W., <i>Superintendent of Schools</i> ,	Milford.
Hersey, Lizzie Mabel, <i>Teacher, Dearborn Grammar School, Boston</i> ,	Dorchester.
Hobart, Elsa L., <i>Assistant, Horace Mann School, Boston</i> ,	Roxbury.
Horton, Mary Snow, <i>Teacher, Dearborn-Morgan School, Orange, N. J.</i>	East Orange, N. J.
Hueston, Jessie Elliott, s.B. ( <i>Nat. Normal Univ.</i> ), <i>Supervisor, Training School, Bridgeport, Conn.</i>	Hamilton, O.
Johnson, Cara M., <i>Teacher, Grammar School, Somerville</i> ,	Cambridge.
Keenan, Joanna G., <i>Teacher, Gibson School, Dorchester</i> ,	Roxbury.
Kelton, Mary Elizabeth, <i>Supervisor of Geography, Adelphi Academy, Brooklyn, N. Y.</i>	Burlington, Vt.
Keyes, Mary Ellen, <i>Teacher, Brimmer School</i> ,	Boston.
Lakeman, Annie Maria, <i>Principal, Lane Grammar School</i> ,	Gloucester.
Leary, Katherine F., <i>Teacher, West School</i> ,	Naugatuck, Conn.
Lilley, Sarah Minerva, <i>Teacher, Perkins Institution</i> ,	South Boston.
Little, Robert Narvacz, A.B. ( <i>Nashville Univ.</i> ), <i>Principal, Taylor School</i> ,	Houston, Texas.
Lynch, Mary Elizabeth, <i>Teacher, Charles Sumner School, Roslindale</i> ,	Jamaica Plain.
McCambridge, Cora F., <i>Principal, Mt. Hope School</i> ,	North Attleboro.
Maher, Josephine A., <i>Teacher, Senior Grammar School</i> ,	Naugatuck, Conn.
Mann, Clausine, <i>Teacher of Geography, Dearborn-Morgan School</i> ,	Orange, N. J.
Mears, Louise W., <i>Critic Teacher, Nebraska State Normal School</i> ,	Peru, Neb.
Mellyn, Mary Catharine, <i>Teacher of Geography, Normal School, Boston</i> ,	Roxbury.
Mendum, Lydia, <i>Principal, Warren Street School</i> ,	Melrose Highlands.

Merrill, Addie B., <i>Assistant, Training School,</i>	Lowell.
Miller, Sarah Elizabeth, <i>Teacher, State Normal School,</i>	San Jose, Cal.
Mohan, Mary J., <i>Teacher, Hugh O'Brien School, Roxbury,</i>	Dorchester.
McKenna, Susie H., <i>Assistant, Dillaway Grammar School, Roxbury,</i>	Quincy.
McMorrow, Mary F., <i>Teacher, Harris Grammar School,</i>	Dorchester.
Morse, Eva S., <i>Teacher, Miss Curtis's School, Boston,</i>	Roxbury.
Morton, Harriet C., <i>Teacher,</i>	Providence, R. I.
Muckley, Henry Clinton, A.M. ( <i>Hiram Coll.</i> ), <i>Supervisor of English and Elementary Science,</i>	Cleveland, O.
Murphy, Ruth, <i>Supervisor, Training School, Bridgeport, Conn.</i>	Champlain, N. Y.
O'Brien, Elizabeth, <i>Teacher, Hancock School, Boston,</i>	N. Cambridge.
O'Hair, Alice, <i>Teacher, Grammar School,</i>	Indianapolis, Ind.
Page, Helen Frederika, <i>Teacher, Harvard (Preparatory) School, Chicago, Ill.</i>	Dedham.
Parker, Walter Scott, <i>Supervisor of Schools, Boston,</i>	Reading.
Phinney, William L., <i>Sub-Master, Dudley School,</i>	Roslindale.
Porter, Nellie M., <i>First Assistant, Lyman School,</i>	East Boston.
Reilly, Susan A., <i>Instructor in Geography and Methods, State Normal School,</i>	Trenton, N. J.
Riley, Elizabeth A., <i>Principal, Bank Street School,</i>	North Attleboro.
Seymour, Emily Ketchum. <i>Teacher, University School for Girls,</i>	Chicago, Ill.
Sinnott, Charles P., S.B. ( <i>Harvard Univ.</i> ), <i>Teacher, State Normal School,</i>	Bridgewater.
Snyder, Margaret, <i>Teacher, Public School,</i>	Greensburg, Pa.
Stavely, Margaret Cornell, <i>Teacher, Froebel Academy, Brooklyn, N. Y.</i>	Lahaska, Pa.
Taylor, Alice S., A.B. ( <i>Smith Coll.</i> ), <i>General Manager, Providence Society for Organizing Charity,</i>	Newton.
Thompson, Mary Helen, <i>Teacher, Lewis Grammar School,</i>	Boston.
Thorne, Virginia S., <i>Teacher, Dickinson School,</i>	Detroit, Mich.
Twiss, George R., S.B. ( <i>Ohio State Univ.</i> ), <i>Head Science Teacher (Physics), Central High School,</i>	Cleveland, O.
Walter, Sarah J., <i>Teacher, State Normal School, Willimantic, Conn.</i>	Pomeroy, O.

Whiton, Julia Frances, <i>Teacher of Geography, Institution for Deaf Mutes,</i>	Rochester, N. Y.
Wing, Ida Ceola Stratton, <i>Assistant, Frothingham Grammar School, Charlestown,</i>	Jamaica Plain.
Wiswell, Lillian A., <i>Teacher, Dearborn Grammar School,</i>	Boston.
Woods, Helen Adele, <i>Teacher, Henry L. Pierce School, Boston,</i>	Dorchester.

## ADVANCED GEOGRAPHY.

Allen, Lucy Mabel, <i>Teacher, Blossom Street School,</i>	Lynn.
Burr, Henry T., <i>Student, Harvard University,</i>	Malden.
Carss, Elizabeth, PH.B. ( <i>Cornell Univ.</i> ), <i>Instructor of Physiology, Teachers' College,</i>	New York, N. Y.
Cooper, H. Jane, <i>Teacher, Clay School,</i>	Detroit, Mich.
Emerson, Philip, <i>Principal, Eliot Grammar School, Natick,</i>	So. Natick.
Hobbs, William Crosby, A.B. ( <i>Bates Coll.</i> ), <i>Superintendent of Schools,</i>	North Attleboro.
Morrill, Charles Herbert, <i>Student, Harvard University,</i>	North Andover.
Patterson, Louise Cummings, <i>Teacher, Harvard School,</i>	Cambridge.
Peck, Georgianna E., <i>Teacher, Grammar School,</i>	Ansonia, Conn.
Pollard, Thomas Benjamin, <i>Teacher, Washington Grammar School,</i>	Quincy.
Wright, Caroline McLean, <i>Teacher of Geography, Semple Collegiate School,</i>	Louisville, Ky.

## ASTRONOMY.

Meador, Effie M., <i>Teacher, Public School, Lynn,</i>	Everett.
Parker, Grace Hopkins, A.B. ( <i>Boston Univ.</i> ), <i>Teacher, English High School,</i>	Providence, R. I.
Robinson, Julia A., <i>Teacher,</i>	Cambridge.

## ARCHITECTURAL DRAWING.

Farquhar, Frank Chapman, <i>Student, Harvard University,</i>	Newton.
Gilman, Roger, A.B. ( <i>Harvard Univ.</i> ), <i>Student, Harvard University,</i>	Cambridge.
Hollings, William French, <i>Student, Harvard University,</i>	Newtonville.

- Jones, Frederic Marshall, A.B. (*Harvard Univ.*),  
*Student, Harvard University,* Somerville.  
 Meader, Herman Lee, *Student, Harvard University,*  
 Thayer, Farwell Edward, New Orleans, La.  
 North Cambridge.

## PHYSICAL TRAINING.

- Adkins, Mary Ewart, A.B. (*Vassar Coll.*), *Assistant in Gymnasium, Vassar College,* Granville, O.  
 Adams, Cornelia J., *Gymnastic Instructor, Mult Nomale A. A. C.* Portland, Ore.  
 Adams, Kate L., *Teacher of Physical Training, Lasell Seminary, Auburndale,* Brookline.  
 Alexander, Mary Lee, *Teacher of Physical Culture, Semple Collegiate School,* Louisville, Ky.  
 Allen, Edward Ellis, A.B. (*Harvard Univ.*), *Superintendent, Pennsylvania Institution for the Blind,* Philadelphia, Pa.  
 Ayer, Abbie Baker, Cambridge.  
 Ballou, Belle, *Instructor, Public Schools, Pittsburg, Pa.* Newton.  
 Blake, Irene E., *Teacher, Public School; Student, Institute of Arts and Sciences,* Brooklyn, N. Y.  
 Blydes, Ira Miller, *Teacher of Elocution, Wesleyan College, Macon, Ga.* Louisville, Ky.  
 Bowne, Elizabeth J., *Student, Temple College,* Philadelphia, Pa.  
 Bremner, Elizabeth G., *Assistant Supervisor, Public Schools,* Brooklyn, N. Y.  
 Brick, Mary Katrina, *Teacher, High School,* Perry, N. Y.  
 Brockett, Zue Hunter, *Teacher of Physical Culture, Public Schools,* Washington, D. C.  
 Brown, Elias G., A.B. (*Columbia Coll.*), M.D. (*Columbia Coll. P. & S.*), *Assistant Surgeon, Presbyterian Hospital, and Physical Director, Washington Heights Branch, Y. M. C. A.* New York, N. Y.  
 Brown, Grace Evelyn, *Teacher of Calisthenics, Miss Spear's Private School,* Newton.  
 Bursaw, William J., *Physical Director, Y. M. C. A.* Somerville.  
 Carrett, Christina Josephine, *Teacher, Grammar School. Pepperell,* Roxbury.

- Carret, Edna P., *Teacher, Grammar School, Pepperell,*  
 Carter, Sara Evelyn, *Teacher,*  
 Carter, Vaula, *Director of Physical Training,*  
 Colburn, Bertha Louise, o.m. (*Emerson Coll.*)  
*Teacher of Elocution and Physical Culture,*  
*Public Schools, Concord, N. H.*  
 Crawford, May, *Student, Dr. Sargent's Normal*  
*School of Physical Training, Cambridge.*  
 Crittenden, Edith Vermilye, *Teacher, Public School,*  
 Dabney, Sarah H., *Student, Dr. Sargent's Normal*  
*School of Physical Training, Cambridge,*  
 Danforth, Agnes, A.B. (*Elmira Coll.*), *Instructor*  
*in English Literature and Director of Girls'*  
*Gymnasium, Thayer Academy,*  
 De Groot, Edward Burton, *Physical Director, Military*  
*Academy, Montclair, N. J.*  
 Dysart, Ida, *Teacher, Public Schools,*  
 Eastman, Mary Truxtun, *Teacher, Private School,*  
 Eleock, Mary S., *Teacher, Public School,*  
 Evans, David G., *Farmer,*  
 Farnham, Onsville M., *Teacher,*  
 Fish, Mary Coolidge, *Teacher in Kindergarten,*  
*Public Schools,*  
 Forsyth, Louise, *Teacher of Elocution, Private*  
*Schools,*  
 Frazer, Emily, *Teacher, Public School,*  
 Fuzzard, Marie Josephine, *Business Manager,*  
 Graves, Mary Frances,  
 Haggart, Alice Gertrude, *Student, Dr. Sargent's*  
*Normal School of Physical Training, Cambridge,*  
 Hafina, Ina M., B.S. (*Westminister Coll.*), *Professor*  
*of Botany, Westminister College,*  
 Harriman, Maude Evangeline,  
 Hasenwinkle, Madeline, *Teacher,*  
 Hawkins, Georgia Covell, *Student in Y. W. C. A.*  
 Hayes, Lillian B., *Teacher of Elocution and Physical*  
*Culture,*  
 Hazen, Charles Morse, M.D. (*Med. Coll. of Va.*),  
*Physician,*  
 Helme, Mary Alice, *Teacher, Grammar School,*
- Roxbury.  
 Washington, D. C.  
 Brooklyn, N. Y.  
 Hollis, N. H.  
 Rossville, Ind.  
 Brooklyn, N. Y.  
 Chicago, Ill.  
 Braintree.  
 Morristown, N. J.  
 Salt Lake City.  
 Washington, D. C.  
 Brooklyn, N. Y.  
 Pittston, Pa.  
 Lowell.  
 St. Louis, Mo.  
 New York, N. Y.  
 Boston.  
 Chelsea.  
 Upton.  
 Roxbury.  
 New Wilmington,  
 Arlington. [Pa.  
 St. Paul, Minn.  
 Worcester.  
 Le Roy, Minn.  
 Bon Air, Va.  
 Providence, R. I.



- Herbison, Jesse Jay, *Instructor in Gymnastics, Cayuga Lake Military Academy,* Rochester, N. Y.
- Hill, Edith Louise, *Instructor in Physical Training, Public Schools, Woonsocket,* Chelsea.
- Hinds, Annie Mason, Fall River.
- Hodgson, Edith, *Assistant Director in Physical Training, Public Schools,* Brooklyn, N. Y.
- Holmes, Rose E., *Teacher of Physical Culture, Public Schools,* Washington, D. C.
- Homburg, Fred, B.S. (*Cincinnati Coll.*), *Teacher, Woodward High School,* Cincinnati, O.
- Horton, Clara Judson, *Teacher, Private Gymnasium,* Washington, D. C.
- Howard, Florence Gertrude, *Student, Latin School,* Cambridge.
- Hoyt, Louise L., A.M. (*Univ. of Penn.*), *Private Teacher of Gymnastics,* New York, N. Y.
- Huntington, Theresa Lyman, A.B. (*Wellesley Coll.*) *Teacher of Gymnastics, High School,* Milton.
- Jewett, Nanette, *Director of Physical Culture, The Jacob Tome Institute, Port Deposit, Md.* Cadiz, O.
- Kelley, Mae Roslyn, *Student, Temple College,* Philadelphia, Pa.
- Krimmel, Fritz, *Instructor, Turnverein, Bloomingdale, and Drisler School,* New York, N. Y.
- Lash, Bertha Beatrice, B.O. (*Soper School of Oratory*), *Teacher of Oratory and Physical Education, Y. W. C. A.* Minneapolis, Minn.
- Lillis, Marguerite L., *Teacher, Washington Allston School, Boston,* Natick.
- Lincoln, Amy Crawford, Greendale.
- MacArthur, N. J., B.A. (*Toronto Coll.*), *Director of Physical Training, Normal School,* St. Cloud, Minn.
- McComber, Stewart Alfred, A.M. (*Brown Univ.*), *Physical Director, Worcester Academy,* Worcester.
- McElroy, Emily, *Assistant Director of Physical Training, Public School,* Brooklyn, N. Y.
- McGeorge, Mabel, *Student, Drexel Institute, Philadelphia Pa.* Cynwyd, Pa.
- Macomber, Mary Scattergood, *Student, Dr. Sargent's Normal School of Physical Training, Cambridge,* New Bedford.
- Mauthe, Otto C., *Instructor, Turnverein, West Minneapolis,* Dayton, O.

- May, Helen Frances, *Instructor in Gymnastics, Public Schools, Melrose,* Newton Highlands.
- Miles, Charles Harry, *Physical Director, Athletic Club,* Birmingham, Ala.
- Miles, James Edward, *Physical Instructor, University of the South,* Sewanee, Tenn.
- Miller, Caspar Wistar, M.D. (*Univ. of Penn.*), *Director of Physical Education, University of Pennsylvania,* Wallingford, Pa.
- Miller, Gertrude Louise, A.B. (*Bates Coll.*), *Teacher of English and Physical Culture, Bridgeton Academy,* Lewiston, Me.
- Moseley, Ada May, *Director of Physical Culture, The Berkeley Institute,* Brooklyn, N.Y.
- Musselman, Frances, M.E. (*Bloomsbury Coll.*), *Teacher, Grammar School,* Shamokin, Pa.
- Nelligan, Richard Francis, *Instructor, Amherst College,* Amherst.
- Noble, Frances, *Student, Temple College,* Philadelphia, Pa.
- Oberly, Ruth Mildred, *Teacher of Physical Culture, Public Schools,* Washington, D. C.
- Otis, Mabel Ingraham, *Supervisor of Physical Training, Public Schools, East Orange, N. J.* Newton.
- Oye, Andres A., *Instructor of Swedish Gymnastics,* New York, N.Y.
- Paige, Caroline May, O.M. (*Emerson Coll. of Oratory*), Springfield.
- Palmié, Therese K., *Teacher of Physical Culture,* Brooklyn, N.Y.
- Palmer, Caroline B., *Director of Physical Training, High School,* Oakland, Cal.
- Patten, Henry White, Ph.B. (*Yale Univ.*), *Instructor of Physical Training, State Normal School,* Geneseo, N.Y.
- Perin, Mrs. Keokee Monroe, Birmingham, Ala.
- Pistor, Mary Matilda, *Student,* Philadelphia, Pa.
- Pomeroy, Mary Moulton, *Instructor,* New York, N.Y.
- Printz, Benjamin Graeff, *Physical Instructor, Wittenberg College,* Springfield, O.
- Rose, Julius Townsend, *Teacher of Penmanship, Adelphi College, Brooklyn, N. Y.* Stephentown, N.Y.
- St. John, Ida M., *Student, High School,* Brooklyn, N.Y.
- Saltsman, Olivette Rebecca, M.E. (*Lock Haven Coll.*), *Teacher, Public School,* Renovo, Pa.
- Schetky, Mary Elizabeth, *Teacher of Physical Training, Temple College,* Philadelphia, Pa.

- Schofield, Blanche Adele, B.S. (*Univ. of So. Dak.*),  
*Student, Dr. Sargent's Normal School of Physical Training, Cambridge,* Mitchell, S. D.
- Seward, Mary, *Teacher of Physical Training, Teachers' College,* New York, N.Y.  
Somerville.
- Shepard, Fannie Whitney,
- Sherrard, Evelyn B., A.B. (*Elmira Coll.*), *Instructor in Hygiene, Wellesley College, Wellesley,* New York, N.Y.  
Waverley.
- Skarstrom, William, *Teacher of Gymnastics,*
- Smalls, Sarah Voorhes, *Instructor in Physical Culture and Physiology, State College,* Orangeburg, S. C.
- Smith, Katherine French, *Instructor in Gymnastics, Hartford, Conn.*
- Smith, Mrs. Daniel C., *Student,*
- Stevenson, Emile G., *Director of Physical Training, Rockford College, Ill.* Pittsfield, N. H.  
Brooklyn, N. Y.
- Street, Lionel Alexander Burnel, *Instructor in Swimming, Public Schools, Brookline,* Trenton, N. J.
- Svenson, Elin M., *Trained Nurse,* Boston.
- Tanner, Margaret Adeline, *Teacher, Primary School,* Roslindale.
- Thomas, Ellen Hawes, Renovo, Pa.
- Thomas, Edwin Stanton, Sandy Spring, Md.
- Thompson, Lizzie May, Memphis, Tenn.
- Treadwell, Flora Gertrude, *Teacher of Elocution, Berkeley Institute, Brooklyn; Teacher of Elocution and Physical Culture, Calhoun-Chamberlain School, Red Banks, N. J.* Birmingham, Ala.
- Turner, Anita Juburness, *Teacher, Public School,* Brooklyn, N. Y.
- Tyler, Marshall H., B.S. (*Amherst Coll.*), *Teacher, St. Mark's School, Southboro,* Washington, D. C.
- Tynes, Sarah Elizabeth, *Nurse,* Florence.
- Upham, Harry Shearman, *Business,* Boston.
- Walker, Frederick Bryant, B.A. (*Amherst Coll.*), *Instructor in Physical Culture and Athletics, Trinity and Columbia G. S.,* Brooklyn, N. Y.
- Walsh, James L., *Gymnastic Instructor, Wood Island Park, East Boston,* South Boston.
- Walton, Mrs. Elizabeth Ridgely, *Directress of Health Work, High Schools,* Washington, D. C.
- Warner, Elma Luola, *Teacher of Physical Training, Brooklyn Guild,* Brooklyn, N. Y.

Webber, Sarah Southworth, <i>Instructor, Private Gymnasium,</i>	West Newton.
Weicksel, Amelia, M.E. ( <i>Kutztown Coll.</i> ), <i>Director of Gymnasium, Friends' Select School, Washington, D. C.</i>	Shamokin, Pa.
White, Cornelia F., A.B. ( <i>Normal Coll.</i> ), <i>Teacher, Private School,</i>	New York, N. Y.
Whitney, Jessie A., <i>Student,</i>	Port Huron, Mich.
Williams, Sue Evelyn,	Philadelphia, Pa.
Williams, Sophia Wells,	Philadelphia, Pa.
Wilson, Edward Clarkson, B.S. ( <i>Swarthmore Coll.</i> ), <i>Instructor in Science, Friends' Select School,</i>	Washington, D.C.
Wood, Vinnie Clifton, A.B. ( <i>Vassar Coll.</i> ), <i>Teacher, Durfee High School,</i>	Fall River.
Wright, Herman Henry, <i>Student, Amherst College,</i>	Amherst.
Young, Frank Lester, A.B. ( <i>Harvard Univ.</i> ), <i>Student, Harvard University,</i>	Harvard, Ill.

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#### MEDICAL COURSES.

Bancroft, Irving Reed, PH.B. ( <i>Tufts Coll.</i> ) 1897,	Woburn.
Barry, Emmett William, M.D. ( <i>Coll. of P. &amp; S., Baltimore</i> ) 1897,	Oxford.
Batchelder, William Burdett, M.D. 1894,	Roxbury.
Bell, Robert, M.D. 1884,	Roxbury.
Bergengren, Charles Henry,	Lynn.
Birdseye, Fred Gould, M.D. ( <i>Coll. of P. &amp; S., Boston</i> ) 1893,	Boston.
Brenneman, Richard Emmor,	Congo, W. Va.
Burke, William Henry,	Watertown.
Call, Emma Louisa, M.D. ( <i>Univ. of Mich.</i> ) 1873,	Boston.
Callahan, Joseph Thomas,	Woburn.
Clarke, Edwin Augustus, M.D. ( <i>Boston Univ. Med. School</i> ) 1885,	Worcester.
Coolidge, Sumner, A.B. 1883,	Watertown.
Costello, John Henry, M.D. 1897,	Dorchester.
Crosby, Walter Theodore, B.P. ( <i>Brown Univ.</i> ) 1895,	Brockton.
Crowell, George Marcus, A.B. ( <i>Brown Univ.</i> ) 1894,	Providence, R. I.
Cutler, Charles Newton,	Chelsea.

Darling, Eugene Abraham, A.B. 1890, M.D., A.M. 1894,	Cambridge.
Davidson, Kallman Moyer, M.D. ( <i>Univ. of Königsberg</i> ) 1887,	Boston.
Davis, Lincoln, A.B. 1894,	Boston.
Dorr, James Frederick,	Oakdale.
Dray, Frank Raymond, A.B. ( <i>Leland Stanford Jr. Univ.</i> ) 1895,	Sacramento, Cal.
Duncan, Samuel White, Jr., A.B. ( <i>Brown Univ.</i> ) 1895,	Brookline.
Emerson, Charles Phillips, A.B. ( <i>Amherst Coll.</i> ) 1894,	Methuen.
Emerson, William Robie Patten, A.B. ( <i>Dart. Coll.</i> ) 1892,	Candia, N. H.
Enebuske, Cläes Julius, M.D. 1896,	Boston.
Fiske, Charles Norman,	Upton.
Forbes, Edwin Bannister,	Lawrence.
French, Charles Ephraim, M.D. ( <i>Univ. of Md.</i> ) 1893,	Lawrence.
Friedman, Leo Victor, A.B. 1895,	Cambridge.
Fulton, Dugal MacEachran.	Cambridge.
Gaylord, William Avery,	Pawtucket, R. I.
Geib, Frank Julius, A.B. 1895,	Cleveland, O.
Gerry, Edwin Peabody, A.B. ( <i>Dart. Coll.</i> ) 1869, M.D. 1874,	Boston.
Gleason, Edward Francis,	Hyannis.
Goddard, Henry Edward, A.B. ( <i>Brown Univ.</i> ) 1895, M.D. ( <i>Dart. Med. School</i> ) 1896,	Brockton.
Grady, Henry Matthew,	So. Natick.
Graves, Willam Phillips, A.B. ( <i>Yale Coll.</i> ) 1891,	Andover.
Gray, Hugh Barr,	Boston.
Greene, Daniel Crosby, Jr., A.B. 1895,	Boston.
Grimes, Jesse Rideout,	Franconia, N. H.
Hammond, William John,	Quincy.
Hancock, John Clifford, A.B. 1895,	Dubuque, Ia.
Hartwell, Harry Fairbanks, A.B. 1895,	Boston.
Hazen, Charles Morse, A.M. ( <i>Richmond Coll.</i> ) 1889, M.D. ( <i>Med. Coll. of Va.</i> ) 1897,	Richmond, Va.
Henderson, Charles Russell, M.D. ( <i>Boston Univ.</i> ) 1889,	Reading.
Hill, George Sumner,	Somerville.
Hinckley, James William,	Boston.
Hosmer, Alfred Grahame,	Watertown.

- Hurley, Daniel Breen,  
 Hyde, Ida Henriette, PH.D. (*Heidelberg Univ.*)  
 1896,  
 Johnson, Harold Abbott, A.B. (*Williams Coll.*)  
 1895,  
 Johnson, Philip Van Kuren,  
 Kelley, Joseph Henry Hart,  
 Kennedy, Arthur Lemuel,  
 King, Maxwell Benedict,  
 Kirk, Lucy Anne, M.D. (*Boston Univ.*) 1893,  
 Knickerbocker, Percy Gates,  
 Leighton, William Elston, A.B. (*Boston Coll.*)  
 1893,  
 Lentine, Gaspare Emanuel Salvador,  
 Lepper, David Barnard,  
 Lippincott, Walter Maynard,  
 Manahan, Thomas James, S.B. 1896,  
 Martin, John Brayton,  
 May, William Ropes, A.B. 1894,  
 McDonald, William Joseph, A.B. 1895,  
 McIntire, Herbert Bruce, M.D. (*Univ. of N. Y. City*) 1880,  
 Merrill, William Howe, M.D. (*Bowdoin Med. School*) 1888,  
 Mitchell, Arthur, M.D. (*Boston Univ.*) 1886,  
 Morris, John Joseph,  
 Musgrave, Percy, A.B. 1894,  
 O'Connell, Joseph Cyril,  
 Odiorne, Walter Burlingame, A.B. 1895,  
 Osgood, Robert Bayley, A.B. (*Amherst Coll.*)  
 1895,  
 Phillips, Charles Henry,  
 Potter, Alexander Carleton, A.B. 1895,  
 Pritchard, William Percival,  
 Raymond, Clarence Morse,  
 Reik, Henry Otridge, M.D. (*Univ. of Md.*) 1891,  
 Rich, Herbert Lowell, PH.B. (*Wesleyan Univ.*)  
 1888,  
 Richardson, William Shedd, M.D. 1884,  
 Roberts, Isaac Lincoln, A.B. (*Selma Univ.*)  
 1890, M.D. (*Leonard Med. Coll.*) 1894,  
 Rounds, Albert Waterman,  
 Rourke, Joseph Edward, A.B. 1890, M.D. 1894,
- Boston.*  
*Chicago.*  
*Brookfield.*  
*New York, N. Y.*  
*Charlestown.*  
*Boston.*  
*Boston.*  
*Dorchester.*  
*Boston.*  
*Dorchester.*  
*Boston.*  
*Dorchester.*  
*Boston.*  
*Madison, N. H.*  
*Chicago, Ill.*  
*Boston.*  
*Charlestown.*  
*Philadelphia, Pa.*  
*Charlestown.*  
*Cambridge.*  
*Lawrence.*  
*Medfield.*  
*E. Boston.*  
*Boston.*  
*Wakefield.*  
*Cambridge.*  
*Salem.*  
*Beverly.*  
*Boston.*  
*Fall River.*  
*Somerville.*  
*Baltimore, Md.*  
*Dorchester.*  
*Marlboro.*  
*Boston.*  
*Providence, R. I.*  
*Boston.*

Rood, Luther Colby,	<i>E. Boston.</i>
Sampson, John Albertson, A.B. ( <i>Williams Coll.</i> ) 1895,	<i>Troy, N. Y.</i>
Schallenberg, Ernest Bradford,	<i>Dorchester.</i>
Schuckmann, Frederick Augustus Leopold,	<i>Boston.</i>
Seelye, Walter Clark, A.B. ( <i>Amherst Coll.</i> ) 1895,	<i>Northampton.</i>
Serra, Julius Augustus,	<i>Melrose Highlands.</i>
Smith, Alfred Charles, PH.G. ( <i>Westminster Coll., London</i> ) 1887,	<i>Malden.</i>
Spalding, Basil Dennis. M.D. ( <i>Univ. of Md.</i> ) 1891,	<i>Richmond, Va.</i>
Spälter, Charles Marsh,	<i>Keene, N. H.</i>
Spaulding, Charles Lester, A.B. ( <i>Williams Coll.</i> ) 1890,	<i>Townsend Harbor.</i>
Sullivan, John Joseph,	<i>So. Boston.</i>
Thompson, Charles Arthur, M.D. ( <i>Coll. of P. &amp; S., Balt.</i> ) 1896,	<i>Brookline.</i>
Thompson, Peter Hunter,	<i>Boston.</i>
Tileston, Wilder, A.B. 1895,	<i>Milton.</i>
Tracy, Edward Aloysius, M.D. 1891,	<i>So. Boston.</i>
Tupper, Arthur Gordon,	<i>Rockport.</i>
Vaughan, Jonas Hobart, M.D. ( <i>Univ. of Vt.</i> ) 1880,	<i>Everett.</i>
Vogel, George Louis,	<i>Boston.</i>
Vogel, James Oswald,	<i>W. Quincy.</i>
Wales, Ernest de Wolfe,	<i>Braintree.</i>
Waterman, George Arthur, A.B. 1895,	<i>Malden.</i>
Wells, David Washburn, M.D. ( <i>Boston Univ.</i> ) 1897,	<i>Boston.</i>
Whittier, Frank Nathaniel, A.B. ( <i>Bowdoin Coll.</i> ) 1885, A.M. ( <i>Ibid.</i> ) 1888, M.D. ( <i>Ibid.</i> ) 1889,	<i>Brunswick, Me.</i>
Williams, Allen Hamilton, A.B. 1891,	<i>Fort Wayne, Ind.</i>
Wise, Arthur Mason,	<i>So. Boston.</i>
Withee, Frederick Elmarin, M.D. ( <i>Coll. of P. &amp; S., Balt.</i> ) 1892,	<i>Newton Highlands.</i>
Woodworth, Robert Sessions, A.M. 1897,	<i>Cambridge.</i>

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**DENTAL COURSES.**

Harvey W. Boyd,

*Randolph.*

SUMMARY.

SUMMER COURSES :—

English . . . . .	151
German . . . . .	14
French . . . . .	11
Greek for Teachers . . . . .	2
Latin for Teachers . . . . .	23
History and Government . . . . .	28
Psychology . . . . .	6
Education and Teaching . . . . .	31
Methods of Teaching Geometry, etc. . . . .	19
Mathematics . . . . .	46
Astronomy . . . . .	3
Engineering . . . . .	3
Architectural Drawing . . . . .	6
Physics . . . . .	42
Chemistry . . . . .	22
Botany . . . . .	11
Geology . . . . .	20
Geography . . . . .	89
Physical Training . . . . .	124
Medical School . . . . .	110
Dental School . . . . .	1

762

Deduct for names inserted more than once . . . . 45

— 717



## GENERAL SUMMARY.

### Officers of Instruction and Administration.

CORPORATION . . . . .		7
OVERSEERS . . . . .		31
<b>TEACHERS :—</b>		
Professors . . . . .		86
Associate Professors . . . . .		3
Assistant Professors . . . . .		37
Lecturers . . . . .		17
Tutors . . . . .		1
Instructors . . . . .		141
Demonstrators and Assistants . . . . .		119
		404
PREACHERS . . . . .		5
CURATORS AND LIBRARY OFFICERS . . . . .		14
PROCTORS AND OTHER OFFICERS . . . . .		30

### Students.

#### I. FACULTY OF ARTS AND SCIENCES :—

##### 1. COLLEGE :—

Senior Class . . . . .		342
Junior Class . . . . .		387
Sophomore Class . . . . .		450
Freshman Class . . . . .		471
Special Students . . . . .		169
		1819

##### 2. SCIENTIFIC SCHOOL :—

Fifth-Year . . . . .		1
Fourth-Year . . . . .		36
Third-Year . . . . .		44
Second Year . . . . .		106
First-Year . . . . .		132
Special . . . . .		91
		410

##### 3. GRADUATE SCHOOL :—

Resident . . . . .		272
Non-Resident . . . . .		15
		287

Whole No. of Students under Faculty of Arts and Sciences, 2516

<b>II. DIVINITY SCHOOL:—</b>	
Resident Graduates . . . . .	17
Senior Class . . . . .	4
Middle Class . . . . .	2
Junior Class . . . . .	11
Special . . . . .	6
	— 40
<b>III. LAW SCHOOL:—</b>	
Resident Bachelors of Laws . . . . .	2
Third-Year . . . . .	129
Second-Year . . . . .	159
First-Year . . . . .	217
Special . . . . .	41
	— 548
<b>IV. MEDICAL SCHOOL:—</b>	
In Courses for Graduates . . . . .	46
Fourth Class . . . . .	117
Third Class . . . . .	119
Second Class . . . . .	148
First Class . . . . .	158
	— 588
<b>V. DENTAL SCHOOL:—</b>	
Graduate Students . . . . .	2
Third-Year . . . . .	44
Second-Year . . . . .	38
First-Year . . . . .	46
	— 130
<b>VI. SCHOOL OF VETERINARY MEDICINE:—</b>	
Third Class . . . . .	10
Second Class . . . . .	11
First Class . . . . .	11
Special . . . . .	1
	— 33
<b>VII. BUSSEY INSTITUTION . . . . .</b>	<b>11</b>
	3866
Deduct for names inserted more than once . . . . .	7
Total for the Academic Year 1897-98 . . . . .	3859
<b>VIII. SUMMER SCHOOL OF 1897 . . . . .</b>	
	<b>717</b>
Total, including Summer School . . . . .	4576

# HOLDERS OF FELLOWSHIPS AND SCHOLARSHIPS

(Appointed in 1897.)

## HARVARD COLLEGE.

The names of holders of Scholarships in Harvard College are arranged in three groups, in accordance with recent votes of the Faculty of Arts and Sciences.

### Group I.

The first group of holders of Scholarships is made up of those undergraduates whose work in the preceding College year entitles them to "very high academic distinction." No student is admitted to this group until his record for the preceding year, in all his courses, has been carefully inspected and the question of his fitness has been submitted to every one of his teachers. Only very high grades in his studies and concurrent testimony in his favor from a sufficient number of his teachers enable the Committee on Scholarships and other Aids for Undergraduates to recommend him to the Faculty of Arts and Sciences for a position in the first group.

John Harvard Scholarships are given only to students deemed worthy of a position in the first group.

FREDERICK SHERMAN ARNOLD, '98,  
WILLIAM WILSON BAKER, '98,  
CLEMENT LINCOLN BOUVÉ, '99,  
ALMY MORRILL CARTER, '98,  
WILLIAM BAYARD CUTTING, '00,  
WALLACE BRETT DONHAM, '99,  
WILLIAM EDWIN DORMAN, '98,  
DURANT FORD DRAKE, '00,  
ARTHUR DRINKWATER, '00,  
JOHN WELLS FARLEY, '99,  
EDWARD WINSLOW FOX, '98,  
HENRY HAYWOOD FOX, '00,  
SAMUEL TUFTS FROST, '98,  
ARCHIBALD VICTOR GALBRAITH, '99.

NAME OF SCHOLARSHIP.  
Matthews.  
Ruluff Sterling Choate.  
Bowditch.  
John Harvard.  
John Harvard.  
Price Greenleaf.  
Bowditch.  
John Harvard.  
John Harvard.  
Price Greenleaf.  
John Harvard.  
John Harvard.  
John Harvard.  
Bowditch.

FRANCIS PAUL GARLAND, '98,	Class of 1856.
ERNEST THEODORE GUNDLACH, '98,	Morey.
WILLIAM HENRY PAINE HATCH, '98,	Matthews.
CHARLES BROOKS HERSEY, '00,	Price Greenleaf.
SAMUEL HUDSON HOLLIS, '98,	John Harvard.
CARL NEWELL JACKSON, '98,	Bowditch.
GUSTAV HERMAN KINNICUTT, '98,	John Harvard.
WELLES MERIAM, '99,	Price Greenleaf.
WILLIAM MORROW, '00,	Price Greenleaf.
GUY NEWHALL, '98,	Class of 1856.
RAMOND TASKER PARKE, '98,	John Harvard.
LANGDON PEARSE, '99,	John Harvard.
HAZEN PIERCE PHILBRICK, '98,	John Harvard.
BEVERLY RANDOLPH ROBINSON, '98,	John Harvard.
HERMAN FOSTER ROBINSON, '98,	John Harvard.
RALPH STOUT, '98,	Richard Augustine Gambrill.
JAMES BUTLER STUDLEY, '99,	Price Greenleaf.
CARLETON AMES WHEELER, '99,	Price Greenleaf.
EDWIN BIDWELL WILSON, '99,	Bowditch.
ALVIN WALTER WISE, '99,	John Harvard.
SAMUEL LAMSON WONSON, '99,	John Harvard.
HENRY AARON YEOMANS, '00,	John Harvard.

### Group II.

The second group is made up of students of marked excellence who have not attained a position in the first group.

EDWARD FRANKLIN ALEXANDER, '99,	Burr.
PERCY ARAD ATHERTON, '00,	Burr.
CHARLES HAMILTON AYERS, '98,	Bartlett.
WILLIAM GALLIFORD BALE, '00,	Bowditch.
WILLIAM LESTER BARNES, '00,	Class of 1817.
LYNN STALEY BEALS, '00,	Class of 1828.
LEON GAGE BEELEY, '00,	Sewall.
ALFRED ABRAHAM BENESCH, '00,	Price Greenleaf.
HAROLD BISBEE, '00,	Class of 1841.
EARL DANFORD BOND, '00,	Bowditch.
HARRY COOK BOYNTON, '00,	William Merrick.
RALPH FANNING BUTTS, '99,	Henry Bromfield Rogers.
ASHTON LIVERMORE CARR, '98,	Bright.
CHARLES FRANCIS CHESSMAN, '99,	Burr.
JOHN ALLAN CHILD, '00,	Sever.
RICHMOND LANE CHIPMAN, '98,	Orlando W. Doe.

JOHN TAGGART CLARK, '98,	Price Greenleaf.
LYMAN KENNETH CLARK, '00,	Sewall.
HARRY JUSTIN COLBURN, '00,	Sales.
WILLIAM EDWARD CONNOLLY, '98,	Burr.
ERASTUS PHILLIPS DEARBORN, '98,	Bright.
CARROLL GEORGE DOLMAN, '99,	Dana of the Class of 1852.
EDWARD EVERETT ELDER, '99,	Slade.
OWEN DAVID EVANS, '00,	Bowditch.
ANDREW MILLER FAIRLIE, '00,	William Whiting.
GEORGE IRVING FINLAY, '98,	Bowditch.
ALFRED LAWRENCE FISH, '99,	Bowditch.
DANIEL HOWARD FLETCHER, '99,	Hilton.
PETER FRANDSEN, '98,	Bowditch.
EDWARD DWIGHT FULLERTON, '98,	Bowditch.
JOHN SAYWARD GALBRAITH, '99,	Walcott.
FREDERIC CARLETON GULICK, '00,	Price Greenleaf.
JAMES GORDON GULICK, '98,	Bright.
FREDERICK LAWRENCE HAMMOND, '00,	Bowditch.
FERNALD LESTER HANSON, '98,	Lady Mowilson.
FRED WARREN HARRIS, '99,	Bassett.
JOHN BROMHAM HAWES, '00,	Bassett.
LAWRENCE JOSEPH HENDERSON, '98,	Browne.
FRANK WILSON CHENEY HERSEY, '99,	Levina Hoar.
JOHN ALEXANDER HULL KEITH, '01,	Burr.
CYRIL NORMAN KING, '98,	Matthews.
CHARLES JULIUS KULLMER, '00,	Pennoyer.
JOHN MILTON KULLMER, '00,	Bowditch.
FAY EDGERTON KUTSCHER, '00,	Class of 1835.
WALTER DAVIS LAMBERT, '00,	Story.
JOHN ERNEST LANSING, '98,	Pennoyer.
HARRY LINENTHAL, '00,	Class of 1814.
ARTHUR SUMNER MCDANIEL, '98,	Hollis.
GEORGE NELSON MCDANIELS, '99,	Kirkland.
WILLIAM GORDON STUART MCINTYRE, '98,	Bowditch.
JOHN ALBERT MACY, '99,	Bowditch.
FREDERIC WILLIAM MORRISON, '00,	Bowditch.
WILLIAM DONALDSON MURRAY, '99,	Farrar.
ALBERT HITCHINGS NEWHALL, '98,	Bowditch.
CARL SHEPARD OAKMAN, '00,	Bigelow.
JOHN ALVIN LAWSON ODDE, '98,	George Emerson Lowell.
LAWRENCE HENRY PARKHURST, '98,	Pennoyer.
STARR MACGREGOR PIERCE, '98,	Bassett.
CARLETON ESTEY PRESTON, '00,	William Whiting.

HENRY LATIMER SEAVER, '00,	Bigelow.
CLARENCE JAMES SMERDON, '99,	Burr.
VINE HAROLD SMITH, '98,	Hodges.
ARTHUR CUSHING SPALDING, '99,	Warren H. Cudworth.
ERIC ARTHUR STARBUCK, '98,	Saltonstall.
CHESTER ODIORNE SWAIN, '00,	George Emerson Lowell.
CHARLES MARSHALL UNDERWOOD, '00,	Bowditch.
DONALD FRASER URQUHART, '99,	William Samuel Eliot.
WALTER GUSTAVUS WAITT, '00,	Benjamin D. Greene.
JACOB WARSHAW, '00,	Rebecca A. Perkins.
LOUIS LINCOLN WHITNEY, '98,	Bowditch.
GEORGE ALBIN WHITEMORE, '00,	Sales.

### Group III.

The third group is made up of meritorious students to whom scholarships have been awarded on grounds of special claim.

HERBERT IRA ALLEN, '99,	Matthews.
HENRY FOSTER BEAL, '01,	Bright.
EDWIN BURT BECKWITH, '99,	Abbott.
EBEN CREIGHTON, '98,	Henry B. Humphrey.
FREDERICK HARRISON DANKER, '01,	Matthews.
FLETCHER DOBYNS, '98,	Wendell Phillips Memorial.
FRANCIS JOSEPH DOWD, '00,	Warren H. Cudworth.
ROBERT ELIOT GOODWIN, '01,	‡ Ebenezer Rockwood Hoar.
RICHARD HAUGHTON, '00,	Matthews.
EDMUND BAYFIELD HILLIARD, '00,	Matthews.
CHAUNCEY WRAY HOOD, '99,	Mary Saltonstall.
FRANKLIN GIBSON HOPKINS, '00,	Matthews.
CONSTANT DAVIS HUNTINGTON, '99,	Matthews.
ALLEN JACOBS, '98,	Matthews.
VIRGIL VICTOR JOHNSON, '99,	Mary Saltonstall.
FREDERIC CLINTON KIDNER, '00,	Matthews.
EDWARD FRANCIS LOUGHLIN, '00,	‡ Ebenezer Rockwood Hoar.
ROYAL RANSOM MILLER, '00,	Matthews.
FREDERIC PALMER, '00,	Matthews.
ROBERT EWART RAMSAY, '99,	Fall River.
GEORGE WASHINGTON SMITH, '01,	Matthews.
FREDERIC WILLIAM STONE, '01,	Bright.
HENRY SMITH THOMPSON, '99,	Julius Dexter.
CHARLES FREDERIC WELLINGTON, '00,	Class of 1802.
FREDERICK CHARLES WILLIAMS, '01,	Matthews.

**THE LAWRENCE SCIENTIFIC SCHOOL.**

*Scholarships.*

**University.**

WILL AUSTIN BASSETT.  
 GEORGE PETER CAMPBELL.  
 FRED VICTOR EDGELL.  
 JESSE BRIGGS CHURCHILL.  
 ALEXANDER FORSYTH.  
 HUGH FESSENDEN KENDALL.  
 JOSEPH HAROLD LIBBEY.  
 CHARLES HERBERT McNARY.  
 ROBERT FALCONER MASSA.  
 WILLIAM LUTHER MOWLL.  
 JOHN HICKOK PAGE.  
 EMANUEL VERVEER.  
 FREDERICK WILCOCK.  
 REUBEN IRVING WRIGHT.

**Eveleth.**

JAMES FORREST SANBORN.  
 EDWARD WINSLOW STEVENS.  
 JOHN WILLIAM WOOD.

**Hilton.**

JOHN GRAY CLARKE.

**Normal School.**

LYMAN RICHARDS ALLEN.  
 HENRY TURNER BURR.  
 GEORGE FRANCIS FIELD.  
 ALBERT SMITH HANNA.  
 FRANCIS ERASTUS HOLIDAY.  
 FRANK DUANE ROBINSON.  
 PAUL EDWARD RIEMAN.

**THE GRADUATE SCHOOL.**

**FELLOWSHIPS.**

*Harris Fellowship.*

JEREMIAH DENIS MATTHIAS FORD.

*Rogers Fellowships.*

ARTHUR STODDARD COOLEY.  
 OLIVER MITCHELL WENTWORTH SPRAGUE.  
 MACY MILLMORE SKINNER.

*Parker Fellowships.*

CHARLES LEONARD BOUTON.      HENRY AUGUSTUS TORREY.  
 REGINALD ALDWORTH DALY.      JOHN ALBRECHT WALZ.

*John Thornton Kirkland Fellowship.*

GEORGE DAVIS CHASE.

*James Walker Fellowship.*

WILLIAM BRIGGS SAVERY.

*Morgan Fellowships.*

FRANK WATTS BANCROFT  
CLARENCE POWERS BILL.

WILLIAM ALLAN NEILSON.  
ARTHUR MAYER WOLFSON.

*John Tyndall Scholarship.*

HARRISON HITCHCOCK BROWN.

*Robert Treat Paine Fellowship.*

JOHN EDWARD GEORGE.

*Henry Lee Memorial Fellowship.*

HERBERT CAMP MARSHALL.

*Ozias Goodwin Memorial Fellowship.*

ARTHUR LYONS CROSS.

*Henry Bromfield Rogers Memorial Fellowship.*

MORTON ARNOLD ALDRICH.

*Hemenway Fellowship.*

FRANK RUSSELL.

*Whiting Fellowships.*

JOHN EMERSON BURBANK.  
SILAS ELLSWORTH COLEMAN.  
HAROLD EDWARDS.

*John Harvard Fellowships.*

ABRAM PIATT ANDREW, JR.  
GEORGE HENRY CHASE.  
ALLERTON SEWARD CUSHMAN.

WALTON BROOKS MCDANIEL.  
JAMES KELSEY WHITTEMORE.

**SCHOLARSHIPS.****Shattuck.**

CHARLES HEYWARD BARNWELL.  
WILLIAM DEWEESE CAIRNS.  
GEORGE CONVERSE FISKE.  
EARLE RAYMOND HEDRICK.  
HERBERT MÜLLER HOPKINS.  
WILLIAM HENRY ROEVER.  
ASHLEY HORACE THORNDIKE.

**Thayer.**

RAYMOND CLARE ARCHIBALD.  
HARRY YANDELL BENEDICT.  
FREDERICK HORATIO BILLINGS.  
BENJAMIN OLIVER FOSTER.  
AMADEUS WILLIAM GRABAU.  
GEORGE RAPALL NOYES.  
RALPH BARTON PERRY.



**Thayer** (*continued*).

ISAAC KING PHELPS.  
FRANK BERRY SANBORN.  
NORMAN MACLAREN TRENHOLME.

**Townsend.**

ERNEST HAYCOCK.  
WILLIAM LYON MACKENZIE KING.  
DAVID MAYDOLE MATTESON.  
MURRAY ANTHONY POTTER.  
CHARLES WILLIAM PRENTISS.

**Gorham Thomas.**

LEON MENDEZ SOLOMONS.

**Toppan.**

WILLIAM DAWSON JOHNSTON.

**James Savage.**

EDWIN MEAD WILCOX.

**George and Martha Derby.**

GILBERT NEWTON LEWIS.

**Charles Haven Goodwin.**

HENRY WASHINGTON PRESCOTT.

**Virginia Barret Gibbs.**

HARRY GARDNER BARBER.

**Edward Russell.**

GEORGE WYLLYS BENEDICT.

**Leverett Saltonstall.**

FRANK WILLIAM TILDEN.

**Robert C. Winthrop.**

JOHN REED SWANTON.

**University.**

FRANKLIN BARBER.  
CAMPBELL BONNER.  
BURTIS BURR BREESE.  
ARTHUR ALEXIS BRYANT.  
FREDERICK ALEXANDER BUSHEÉ.  
RALPH WALDO CONE.  
GEORGE VAN NESS DEARBORN.  
THOMAS WALTON GALLOWAY.  
WALTER HAMILTON GILLESPIE.  
THOMAS LEGRAND HARRIS.  
JONATHAN BALCOM HAYWARD.  
RALPH BURNELL CALHOUN HICKS.  
WILL DAVID HOWE.  
ALFRED MONROE KENYON.  
CYRUS AMBROSE KING.  
ARTHUR ONCKEN LOVEJOY.  
GOODWIN VALENTINE MACLEAN.  
BENJAMIN SHORES MERIGOLD.  
WILLIAM KILBORNE STEWART.  
CHARLES ALFRED WEATHERBY.

**THE DIVINITY SCHOOL.**

(Appointments for 1896-97.)

*Williams Fellowships.*

ARTHUR JOHN COVELL.  
ARTHUR NEWTON PEASLEE.

*Edward Hopkins's Students of Divinity.*

ARTHUR HERBERT COAR.                      JOHN WESLEY RICE.  
TRUMAN ORVILLE DOUGLAS.              ALBURN EDWARD SKINNER.  
FRED RINALDO LEWIS.                      JAMES STERENBERG.

*Scholarships.*

LEROY FLETCHER SNAPP,	Chapman.
ROBERT CLARK SANGER,	Cary.
JOHN DASHIELL STOOPS,	Cary.
EDWARD EVERETT AYERS,	Jackson.
ANSON BARTIE CURTIS,	} Jackson.
HENRY CLOSSON GILBERT,	
ROBERT HALL,	Jackson.
HERMAN HARRELL HORNE,	Jackson.
FREDERICK TOWERS,	Clapp.
BERNARD ANTONY VAN SLUYTERS,	Kendall.
WALLACE NELSON STEARNS,	J. H. Kendall.
WILLIAM SAFFORD JONES,	Buttrick Fund.
HARRY SUMNER MITCHELL,	Buttrick Fund.
DAVID WILLIAM MYHRMAN,	Buttrick Fund.
ABEL MAYNARD RICE,	Buttrick Fund.
CHARLES ALPHEUS PLACE,	Pomroy Fund.

**THE LAW SCHOOL.***Faculty Scholarships.*

EDWARD ANTHONY ADLER.	PAUL MAURICE WHITE.
EDWARD KENT ARNOLD.	HOWARD WHITMORE.
CHESTER WILLARD BARROWS.	JOHN WINTHROP WORTHINGTON.
NORMAN LESLIE BASSETT.	IRVING LESTER FISK.
JOHN ELWOOD BLAIR.	ETHELBERT VINCENT GRABILL.
WILLIAM EDWARD HUTTON.	CHARLES OSBORN PARISH.
HERBERT CONRAD LAKIN.	WILLIAM WASHBURN MOSS.
LOYD WADDELL SMITH.	CLIFFORD BARTLETT SANBORN.
CHARLES STOREY THURSTON.	HAROLD GREGORY DONHAM.
JENS IVERSON WESTENGARD.	

**THE MEDICAL SCHOOL.***George Cheyne Shattuck Memorial Fellowship*

ALFRED SCHAPER.

*John Ware Memorial Fellowship.*

ALFRED WILLIAM BALCH.

*Charles Eliot Ware Fellowship.*

GEORGE BURGESS MAGRATH.

*Scholarships.*

WILLIAM PHILLIPS GRAVES,	Edward M. Barringer, No. 1.
MAYNARD LADD,	Edward M. Barringer, No. 2.
WALTER BRADFORD CANNON,	Isaac Sweetzer,
RICHARD COLLINS,	Claudius M. Jones.
GEORGE BURGESS MAGRATH,	Alfred Hosmer Linder.
FRANK HENRY HASKINS,	Edward Wigglesworth.
GEORGE CLARENCE WILKINS,	Orlando W. Doe.
CHARLES BURTON WORMELLE,	Charles Pratt Strong.
HENRY LINDSAY SANDFORD,	Joseph Eveleth.
LEROI GODDARD CRANFORD,	Joseph Eveleth.
WILLIAM HEALEY,	Joseph Eveleth.
JOSEPH THOMAS CALLAHAN,	Faculty.
DANIEL CROSBY GREENE, Jr.,	Faculty.
CHARLES HUMPHREY TURNER,	Faculty.
HARRY GAGE WYER,	Faculty.

**THE VETERINARY SCHOOL.***Faculty Scholarships.*

JOSEPH HAYDEN STIMSON.  
LAWRENCE LOCKE PIERCE.

# PRIZES, HONORS, AND DEGREES AWARDED IN 1896-97.

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## PRIZES.

### Deturs.

#### *Class of 1899.*

WALLACE BRETT DONHAM.                      JOHN WELLS FARLEY.  
EDWIN BIDWELL WILSON.

#### *Class of 1900.*

WILLIAM GALLIFORD BALE.	ARTHUR DRINKWATER.
LEON GAGE BEELEY.	LUCIEN EATON.
ALFRED ABRAHAM BENESCH.	OWEN DAVID EVANS.
EARL DANFORD BOND.	HENRY HEYWOOD FOX.
HARRY COOK BOYNTON.	APTHORP GOULD FULLER.
WILLIAM MERRIAM CHADBOURNE.	FREDERIC CARLETON GULICK.
WILLIAM BAYARD CUTTING.	FREDERIC LAWRENCE HAMMOND.
DURANT FORD DRAKE.	CHARLES BROOKS HERSEY.

### The Bowdoin Prizes.

#### I.

To FULLERTON LEONARD WALDO, of the Junior Class, a prize of \$50 for an essay entitled *Robert Louis Stevenson*. (Class **A**.)

To ARTHUR ALEXIS BRYANT, of the Senior Class, a prize of \$100 for an original essay in Latin entitled *De Demosthenis Atheniensis Prudentia Civili*. (Class **C**.)

#### II.

To JOHN ARCHIBALD FAIRLIE, of the Graduate School, a prize of \$100 for an essay entitled *The Monroe Doctrine*. (Class **A**.)

To FRED CLAYTON WAITE, of the Graduate School, a prize of \$100 for an essay entitled *Is the Cell Theory still tenable?* (Class **D**.)

*Judges:* Class A. Mr. THOMAS RUSSELL SULLIVAN, Mr. FREDERIC JESUP STIMSON, and Mr. ABBOTT LAWRENCE LOWELL.

Classes B and C. Professors JAMES BRADSTREET GREENOUGH and FREDERIC DEFOREST ALLEN and Mr. CHARLES POMEROY PARKER.

Class D. Professors WILLIAM GILSON FARLOW and EDWARD LAURENS MARK and Mr. SAMUEL HENSHAW.

### The Boylston Prizes in Elocution.

#### *First Prizes.*

To CHARLES GRILK, Junior.

To HENRY BARRETT HUNTINGTON, Senior.

#### *Second Prizes.*

To EDMUND BLAKE BARTON, Junior.

To SAMUEL ROBINSON, Junior.

To WILLIAM TAYLOR BURWELL WILLIAMS, Senior.

*Judges:* President ELIOT, Librarian WINSOR, Professor GEORGE H. PALMER, Professor FRANCIS G. PEABODY, Dean L. B. R. BRIGGS, Professor EUGENE WANBAUGH, Rev. SAMUEL M. CROTHERS, Mr. J. BERTRAM WILLIAMS, Mr. CHARLES F. MASON, Mr. JAMES A. NOYES.

### The Sargent Prize.

To JOHN ALBERT MACY, of the Sophomore Class, a prize of \$100 for *A metrical version from Horace.*

*Judges:* Professor HENRY WILLIAMSON HAYNES, formerly of the University of Vermont, Mr. JEFFERSON BUTLER FLETCHER, and Dr. RICHARD CLARKE MANNING.

### The George B. Sohler Prize.

To BEULAH MARIE DIX, of the Senior Class of Radcliffe College, a prize of \$250 for a thesis entitled *Published Collections of English and Scottish Ballads, 1765-1802.*

*Judges:* The Committee on Honors in English.

### The Sales Prize.

To CLARENCE KING MOORE, of the Senior Class, a prize of \$45 for proficiency in Spanish composition.

*Judges:* President ELIOT and Professor ARTHUR RICHMOND MARSH.

**The Ropes Prize.**

To SIDNEY BRADSHAW FAY, of the Graduate School, a prize of \$150 for an essay on *The Execution of the Duc d'Enghien*.

*Judges:* Professor EDWARD G. BOURNE, of Yale University, and Professor JAMES H. ROBINSON, of Columbia University.

**The Toppan Prize.**

To CLYDE AUGUSTUS DUNIWAY, of the Graduate School, a prize of \$150 for an essay entitled *Restrictions of the Press in Massachusetts*.

*Judges:* Mr. ANDREW MCFARLAND DAVIS and Mr. JAMES JEFFERSON MYERS.

**The Paine Prize.**

To HERBERT WARREN STEBBINS, of the Graduate School, a prize of \$50 for an essay entitled *Some Moral Limitations of Poverty*.

*Judges:* Mr. FRANK B. SANBORN and Professor SAMUEL McV. LINDSAY, of the University of Pennsylvania.

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The Dante, Sumner, and Bennett Prizes were not awarded.

# HONORS.

## SECOND-YEAR HONORS.

### *In Classics.*

#### *Juniors:*

WILLIAM HENRY PAINE HATCH,	Honors.
FRANK ALEXANDER KENNEDY (as of the year 1896),	Honors.
JOHN ALVIN LAWSON ODDE,	Honors.
EDWARD PEARCE SHAW,	Honors.
ERIC ARTHUR STARBUCK,	Honors.

#### *Sophomores:*

JOHN SAYWARD GALBRAITH,	Honors.
CHAUNCEY WRAY HOOD,	Honors.
CLARENCE JAMES SMERDON,	Honors.
JAMES BUTLER STUDLEY,	Honors.

### *In History and Government.*

#### *Juniors:*

ALBERT HITCHINGS NEWHALL,	Honors.
RALPH STOUT,	Honors.

#### *Sophomore:*

CARROLL GEORGE DOLMAN,	Honors.
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### *In Mathematics.*

#### *Senior:*

WILLIAM DEWEESE CAIRNS,	Highest Honors
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#### *Juniors:*

JAMES HEWINS,	Honors.
ROBERT BOWDITCH STONE,	Honors.

#### *Sophomores:*

EDWIN BIDWELL WILSON,	Highest Honors.
ARCHIBALD VICTOR GALBRAITH,	Honors.
ARTHUR VALERIUS AUGUSTUS BERNARD MCCAULEY,	Honors.
GEORGE NELSON MCDANIELS,	Honors.

## FINAL HONORS.

*In Semitic Studies.*

CLIFTON DAGGETT GRAY, Honors.

*In Classics.*

ARTHUR ALEXIS BRYANT, Honors.  
HERBERT THOMAS RICH, A.B., Honors.

*In English.*

JOHN STRONG PERRY TATLOCK, A.B., Honors.

*In Romance Languages.*

PRESCOTT ORDE SKINNER, A.B., Honors.

*In Philosophy.*

WILLIAM PEPPERRELL MONTAGUE, A.B., Highest Honors.  
ARTHUR ONCKEN LOVEJOY, A.B., Honors.  
ELMER ERNEST SOUTHARD, Honors.

*In History.*

HENRY WILLIAMSON BEAL, Highest Honors.  
NORMAN MACLAREN TRENHOLME, A.B., Highest Honors.  
WILLIAM WARREN BELL, Honors.  
SIDNEY BRADSHAW FAY, A.B., Honors.  
JOSEPH PARKER WARREN, A.B., Honors.

*In Music.*

JOHN ALDEN CARPENTER, Highest Honors.

*In Mathematics.*

WALTER BURTON FORD, Honors.  
EDWARD VERMILYE HUNTINGTON, A.B., Honors.

*In Geology.*

JOHN MASON BOUTWELL, Honors.  
GEORGE BUCKMAN, Honors.  
ALBERT PERCIVAL CHITTENDEN, Honors.



## HONORABLE MENTION.

- GEORGE WASHINGTON ABELE. *History.*  
 DOUGLAS HOWE ADAMS, A.B. *Greek.*  
 ELIOT ALDEN. *Chemistry.*  
 ROSWELL PARKER ANGIER. *History.*  
 FRANCIS MORRILL BABSON. *Economics.*  
 MELVIN SPAULDING BARBER. *German.*  
 CHARLES HULL BATCHELDER. *French.*  
 HENRY WILLIAMSON BEAL. *History; Economics.*  
 WILLIAM WARREN BELL. *History, bis.*  
 MILTON BETTMANN. *Chemistry.*  
 SCHUYLER COLFAX BLOSS, A.B. *Philosophy.*  
 STANLEY MARSHALL BOLSTER. *History; Government.*  
 JOHN MASON BOUTWELL. *Natural History, bis.*  
 BURTIS BURR BREESE, A.B. *Philosophy.*  
 AMMI BROWN. *History.*  
 ARTHUR ALEXIS BRYANT. *Greek, bis; Latin, bis.*  
 HENRY AUDUBON BUTLER. *German.*  
 WILLIAM BYRD. *History.*  
 WILLIAM DEWEESE CAIRNS, A.B. *Mathematics.*  
 GROSVENOR CALKINS. *History.*  
 HUBBARD FOSTER CARPENTER. *Natural History.*  
 JOHN ALDEN CARPENTER. *Music.*  
 ALFRED HENRY CHILDS. *Music.*  
 JOSEPH HODGES CHOATE. *History; English Composition; Music.*  
 LEON MONROE CLOSSON. *Natural History.*  
 WILFRED GEORGE GARNET COLE. *Greek.*  
 WILLIAM DUDLEY COTTON. *French.*  
 ELMER HERVEY DARLING. *History.*  
 HOWARD HITTINGER DAVENPORT. *Philosophy.*  
 IRVILLE FAY DAVIDSON. *Greek.*  
 ARTHUR URBANE DILLEY. *Philosophy.*  
 ROLAND BURRAGE DIXON. *Archaeology.*  
 GOLDTHWAITE MAYNARD HIGGINSON DORR. *History; Economics.*  
 MOSES HALE DOUGLASS, A.B. *English.*  
 JOHN WINTROP DOW. *Natural History, bis; Chemistry.*  
 WILLIAM EDMUND DOWTY. *Greek; Philosophy.*  
 MORSE STEWART DUFFIELD. *Philosophy, bis.*  
 FRANCIS BIRD DUTTON. *Chemistry.*  
 ADOLPH OSCAR ELIASON, L.B. *Economics.*

- MANUEL EMILIO FENOLLOSA. *French.*  
 HENRY METCALF FISKE. *French.*  
 WALTER BURTON FORD. *Mathematics, bis.*  
 JOSEPH SIDNEY FRANCIS. *Mathematics; Engineering.*  
 CHARLES FREDERICK FRENCH. *German; French.*  
 ROBERT WARREN FULLER. *Chemistry, bis.*  
 ALBERT MONTGOMERY FULTON. *History.*  
 WILLIAM LLOYD GARRISON. *History.*  
 FREDERICK PARKER GAY. *Italian; Spanish.*  
 OLIVER WILLIAM GILPIN. *History.*  
 GEORGE GLEASON. *Philosophy.*  
 CLIFTON DAGGETT GRAY. *Philosophy; Semitic, bis.*  
 EDWARD JAMES GREEN. *Economics.*  
 JAMES EDGAR GREGG. *Philosophy; History.*  
 WALTER ALDEN GRIFFIN. *Natural History.*  
 HENRY SEAVEY HACKETT. *English; Philosophy.*  
 GEORGE FRANKLIN HAGERMAN. *History; Government.*  
 ROBERT WILLIAM HALL. *Natural History, ter.*  
 CHARLES HENRY HARDWICK. *History.*  
 CHARLES CONANT HARRIMAN. *German.*  
 ARTHUR HARRINGTON. *Economics.*  
 ERNEST HAYCOCK. *Natural History.*  
 JONATHAN BALCOM HAYWARD. *Mathematics, bis; Physics.*  
 FREDERICK HEILIG. *Greek.*  
 FRANK HENDRICK. *Economics.*  
 LESTER ELLIOTT HERRICK. *German; History.*  
 ALFRED FABIAN HESS. *History.*  
 HARRY HOWARD HILL. *English Composition; Philosophy.*  
 VIRGIL MORES HILLYER. *Philosophy.*  
 GEORGE ERNEST HILLS. *Natural History.*  
 CHARLES WESLEY HOBBS. *Greek.*  
 ROBERT RUSSELL HOLLISTER. *Chemistry, bis.*  
 STANLEY HOLLISTER. *History.*  
 WILLIAM ABERNETHY HOLT. *French.*  
 JAMES ALBERT HOWELL. *German.*  
 HENRY BARRETT HUNTINGTON. *Philosophy.*  
 OWEN BENJAMIN HUNTSMAN, B.E. *Philosophy, bis.*  
 HOWARD BIGELOW JACKSON. *Natural History.*  
 MARK SYLVESTER WILLIAM JEFFERSON, A.B. *Natural History.*  
 ROBERT DARRAH JENKS. *Economics.*  
 CHARLES JENNEY. *Mathematics.*  
 WILLIAM BERNARD JOHNSTON. *Chemistry.*  
 ARTHUR MORSE JONES. *History.*



- FRANK ALEXANDER KENNEDY. *Greek.*  
 ALBERT EDWARD KING. *Chemistry.*  
 CYRUS AMBROSE KING. *Natural History.*  
 FRANK FITTS LAMSON. *Chemistry.*  
 WILLIAM WOART LANCASTER. *French; History.*  
 FREDERIC THOMAS LEWIS. *Natural History, bis.*  
 ROBERT RESTALRIG LOGAN. *French.*  
 ALBERT JAMES LONNEY. *Greek; Philosophy.*  
 HARRY MILLER LYDENBERG. *German; History.*  
 GEORGE RICHARD LYMAN. *Natural History.*  
 THEODORE LYMAN. *Physics; Chemistry.*  
 PERCY WALLACE MACKAYE. *English.*  
 JAMES EMERY McWHINNIE. *German.*  
 ROBERT ELWOOD MANLEY. *History; Philosophy.*  
 ARTHUR MOSS MARKS. *History.*  
 HIRAM STANLEY MARSH. *German; Music, bis.*  
 PHILIP DANA MASON. *French.*  
 DAVID EATON MITCHELL, A.B. *History.*  
 CLARENCE KING MOORE. *German.*  
 JOHN FREDERICK NEAL. *Philosophy; History.*  
 ROBERT EDWIN OLDS. *Philosophy; History.*  
 BERNARD SUTRO OPPENHEIMER. *Natural History, ter.*  
 WINFRED HORTON OSBORNE. *Mathematics, ter.*  
 WILLIAM BELMONT PARKER. *English Composition; Philosophy.*  
 DRAKE THORNDYKE PERRY. *Economics.*  
 JAMES DUNCAN PHILLIPS. *History.*  
 SAMUEL LENDALL PITTS. *French.*  
 HARRY CLARKE PLUM. *Philosophy.*  
 ROBERT BRASTOW PORTER. *French.*  
 HERBERT BANCROFT PRIEST. *History.*  
 HERBERT WILBUR RAND. *Natural History.*  
 CHARLES THRESHER RAWSON. *Government.*  
 WARREN WALES READ. *English.*  
 ALFRED ZANTZINGER REED. *Philosophy.*  
 EDWARD EGGLESTON RICE. *German; History.*  
 FREDERICK ALBERT RICHARDSON, A.B. *Philosophy.*  
 LOUIS SYDNEY BASSFORD ROBINSON. *Philosophy.*  
 HARRY SHERMAN ROWE. *Chemistry.*  
 CYRUS PETER MILLER RUMFORD. *Philosophy.*  
 WILLIAM LACY RUMSEY. *History.*  
 ARTHUR WILLIAM RYDER. *Greek.*  
 LORING PUTNAM SEARS. *History; Economics.*  
 WILHELM SEGERBLUM. *Chemistry.*

- SAMUEL CAMPBELL SELLERS. *French.*  
JAMES HERBERT SHANNON. *Chemistry; Natural History, bis.*  
JOSEPH WILLIAM SHARTS. *English Composition.*  
RALPH SIMPKINS. *Economics.*  
ELMER ERNEST SOUTHARD. *Philosophy, tex; Natural History.*  
RUFUS BATES SPRAGUE. *Economics.*  
HAROLD KING STANLEY. *Philosophy; Economics, bis.*  
PERCY SELDEN STRAUS. *Economics.*  
DANIEL SULLIVAN. *French.*  
ARCHIBALD GOURLIE THACHER. *History; French.*  
JAMES AUSTIN TIRRELL. *Economics.*  
RAYMOND TUCKER. *French.*  
HARRY ULYSSES WAGNER. *Philosophy.*  
JOSEPH WARREN. *History.*  
CHARLES ALFRED WEATHERBY. *Greek; English.*  
CHRISTOPHER MINOT WELD. *French.*  
FRANCIS MINOT WELD. *French, bis.*  
EDGAR HUIDEKOPER WELLS. *English; History.*  
STUART PULLMAN WEST. *Economics.*  
GEORGE BENSON WESTON. *Italian; Spanish.*  
PHILIP MANCHESTER WHEELER, S.B. *Chemistry, bis.*  
FREDERICK SMITH WILLIAMS. *Chemistry, bis.*  
HARVEY LADEW WILLIAMS. *Economics.*  
CHARLES STETSON WILSON. *French.*  
BEEKMAN WINTHROP. *History; Economics.*  
MOSES HANNIBAL WRIGHT, A.B. *Engineering.*  
SYDNEY RUSSELL WRIGHTINGTON. *History.*

## DEGREES.

On Commencement Day, 30 June 1897, degrees were conferred as follows:—

### A. B.

- |   |  |
|---|--|
| Gideon Beck Abbott.   | George Lovell Burditt.   |
| Douglas Howe Adams, A. B. ( <i>Haverford Coll.</i> ) 1896.    | Benjamin Thomas Burley.  |
| Walter Davenport Adams.                                       | Frederic Anson Burlingame.   |
| Hermann Morris Adler.   | Joseph Burnett.  |
| Henry Morgan Appleton.  | Henry Audubon Butler.  |
| Walter Tallmadge Arndt.                                       | William Deweese Cairns, A. B. ( <i>Ohio Wesleyan Univ.</i> ) 1892. |
| Harold Colburn Bailey.  | Edward William Capen.  |
| Benjamin Standish Baker.                                      | John Alden Carpenter.  |
| Charles Lester Barnard.                                       | Edward Parish Carr, A. B. ( <i>Univ. of No. Carolina</i> ) 1896.   |
| Michael Francis Barrett.                                      | James Weld Carret.   |
| Frederick Eugene Barry.                                       | Arthur Thomas Carter.  |
| Burnell Finley Bassett.                                       | Fenner Albert Chace.   |
| Arthur Messinger Beale.                                       | John Edwin Chatman.  |
| Frank Taber Bement, A. B. ( <i>Upper Iowa Univ.</i> ) 1896.   | Roger Clapp Chittenden.  |
| Horace Binney.  | Edmund Foster Clark.   |
| Arthur Walker Blakemore.                                      | Leon Monroe Closson.   |
| Cornelius Newton Bliss, Jr.                                   | Edward Russell Cogswell, Jr.                                       |
| Schuyler Colfax Bloss, A. B. ( <i>Univ. of Kansas</i> ) 1894. | Wilfred George Garnet Cole.  |
| DeWitt Clinton Bosler.  | Fred Boyden Cooley.  |
| Ingersoll Bowditch.   | James Horatio Cooper.  |
| Henry Irving Bowles.  | Herbert Cerda de Vilarrestau Cornwall.                             |
| Daniel Henry Bradley.   | John Archibald Coveney.  |
| Burtis Burr Breeze, A. B. ( <i>Kansas State Univ.</i> ) 1896. | Ernest Boyd Cresap.  |
| Hans von Briesen.   | Edgar Crocker.   |
| Ammi Brown.   | Atkins Buie Cunningham.  |
| Harold Winthrop Brown.  | Elmer Hervey Darling.  |
| Henry Douglas Buell.  | Howard Hittinger Davenport.  |
| Everett Chauncey Bumpus.                                      | Malcolm Brooks Davis.  |
| Isaiah Townsend Burden, Jr.                                   | Robert Charles Davis.  |
|   | James Dean.  |

- Karl De Laittre.  
 William James Denholm.  
 William Cullen Dennis, A.B. (*Earlham Coll.*) 1896.  
 Edmund Victor Dexter.  
 William Endicott Dexter.  
 Moses Hale Douglass A.B. (*Hobart Coll.*) 1892.  
 John William Dunlop.  
 Eugene DuPont, Jr.  
 Francis Bird Dutton.  
 Amasa Mason Eaton.  
 Edward Randall Elder.  
 Adolph Oscar Eliason, L.B. (*Univ. of Minn.*) 1896.  
 Henry Endicott, Jr.  
 David Fales, Jr.  
 Edward Nicoll Fenno, Jr.  
 Tylor Field.  
 Elmer Metcalf Fisher.  
 Thomas Francis Fitzgerald.  
 Henry Wilder Foote.  
 Allan Forbes.  
 Thomas Brattle Gannett, Jr.  
 Bertram Gardner.  
 Wilbert Andrew Garrison, A.M. (*Heidelberg Univ., O.*) 1893.  
 William Lloyd Garrison, Jr.  
 Ernest Lewis Gay.  
 Frederic Grosvenor Goodridge.  
 Frederic Coleman Gratwick.  
 John Clinton Gray.  
 Denis Francis Greany.  
 Edward James Green.  
 William Hearne Grimes, LL.M. (*Georgetown Univ.*) 1893.  
 George Franklin Hagerman.  
 James Frank Hall.  
 Eugene Samuel Halle.  
 Norwood Penrose Hallowell.  
 George Bernard Hanavan.  
 Lyman Sawin Hapgood.  
 Charles Ashley Hardy.  
 Arthur Harrington.  
 Arthur Thomas Harris.  
 George Bulkley Hastings.  
 Ernest Haycock, A.B. (*Acadia Coll.*) 1896.  
 John Robert Healy.  
 Virgil Mores Hillyer.  
 Evan Hollister.  
 Stanley Hollister.  
 Clement Elton Holmes, A.B. (*Franklin Coll., O.*) 1886, S.T.B. (*Boston Univ.*) 1890.  
 Charles Henry Hovey.  
 Henry Wainwright Howe.  
 Richard Harold Hunt.  
 Owen Benjamin Huntsman, B.E. (*State Normal, W. Chester, Pa.*) 1892.  
 James Sather Hutchinson.  
 Mark Sylvester William Jefferson, A.B. (*Boston Univ.*) 1879.  
 Charles Jenney.  
 William Bernard Johnston.  
 William Wentworth Kennard.  
 Sinclair Kennedy.  
 Francis Kernan Kernan.  
 Cyrus Ambrose King, A.B. (*Indiana Univ.*) 1893.  
 Alexander Haven Ladd.  
 Frank Fitts Lamson.  
 Samuel Walter Ross Langdon.  
 Frederick Adams Laws.  
 Henry LeDaum, A.B. (*Ohio Wesleyan Univ.*) 1896.  
 Oliver Granville Lentz.  
 James Lovell Little, Jr.  
 John Mason Little, Jr.  
 Frederick Taylor Lord.  
 George Richard Lyman, A.B. (*Beloit Coll.*) 1894.  
 Thomas Joseph Henry McCormick.  
 Samuel James McDonald.

- Herbert Butler Mackintosh.  
 Florence Joseph Mahoney.  
 Frederick Whiting Mansur.  
 Robert Marcy.  
 Wylie Churchill Margeson, A.B. (*Acadia Coll.*) 1896.  
 Arthur Moss Marks.  
 Isaac Edward Marks.  
 Napoleon Bonaparte Marshall.  
 Philip Dana Mason.  
 Henry Wise Miller.  
 Alfred Keane Moe.  
 Franklyn Stanley Morse, A.B. (*Acadia Coll.*) 1896.  
 Ernest Denman Mulford.  
 Daniel Fenton Murphy.  
 Joseph Lewis Nace, A.B. (*Carthage Coll.*) 1895.  
 William Gibbs Nash.  
 Lewis Ogden O'Brien.  
 Charles Jackson Paine, Jr.  
 Augustin Hamilton Parker, Jr.  
 James Horace Patten, A.B. (*Kansas State Univ.*) 1896.  
 Henry Alexander Phillips.  
 Harry Edward Pickering.  
 Samuel Lendall Pitts.  
 Willard Norman Poland.  
 Robert Brastow Porter.  
 Joseph Potts.  
 Edwin Bartlett Pratt.  
 Carl Francis Prescott.  
 George Selby Prouty.  
 Herbert Wilbur Rand, A.B. (*Allegheny Coll.*) 1892, C.E. (*ibid.*) 1893.  
 Ralph Ranlet.  
 Edward Lambert Rantoul.  
 Herbert Frederick Reynolds.  
 Warren Wales Read, Ph.B. (*St. Lawrence Univ.*) 1896.  
 George Edmund Reynolds.  
 Frederick Albert Richardson, A.B. (*Univ. of Vermont*) 1895.  
 John Howland Ricketson, Jr.  
 George Newman Roberts.  
 Harry Stout Roberts.  
 Gorham Rogers, Jr.  
 Henry Hall Rogers.  
 Harry Francis Ross.  
 Harry Sherman Rowe.  
 Frank Bailey Rowell.  
 Cyrus Peter Miller Rumford.  
 Chester Chapin Rumrill.  
 Roger Livingston Scaife.  
 Joseph Henry Scattergood, A.B. (*Haverford Coll.*) 1896.  
 Herbert Schurz.  
 Arnold Scott.  
 Henry Russell Scott.  
 Harry Franklin Sears.  
 Wilhelm Segerblom.  
 Samuel Campbell Sellers.  
 Francis George Shaw.  
 William Trull Sheppard.  
 Walter Herman Sides.  
 Ralph Simpkins.  
 Roy Churchill Skinner.  
 Clement Lawrence Smith, Jr.  
 Maxwell Tappan Smith.  
 Phillip Lees Smith.  
 Edward Franklin Southworth.  
 Pierpont Langley Stackpole.  
 Richard Livingston Stafford.  
 Francis Manning Stanwood, Jr.  
 Arthur Wesselhoft Stevens.  
 Robert Hooper Stevenson, Jr.  
 Frank Victor Stone.  
 Melville Edwin Stone.  
 Percy Selden Straus.  
 Arthur Frederic Street.  
 James Amory Sullivan.  
 Charles Valentine Taylor.  
 Harvey Clinton Taylor.  
 George Leonard Teeple, M.E. (*Cornell Univ.*) 1889.  
 Arthur Frank Stockdale Thomas.

Phillips Blagden Thompson.	Stuart Pullman West.
Frank Graham Thomson.	George Benson Weston.
James Austin Tirrell.	Gilbert Dodge Weston.
Frank Hale Touret.	Harold Tredway White.
Raymond Tucker.	Charles Frederick Whiting.
Lucius Cary Tuckerman.	William Whitman, Jr.
Hunt Turner.	Richard Merrill Whitney.
Loring Underwood.	Richard Whoriskey.
Henry Asa Vanlandingham, A.B.	Henry Jason Wilder.
( <i>Miss. Coll.</i> ) 1893.	Stillman Pierce Williams.
William Howard Vincent.	Nathaniel Knight Wood.
Harry Ulysses Wagner.	Malcolm Carr Woods, A.M. ( <i>Wof-</i>
Wallis Dunlap Walker.	<i>ford Coll.</i> ) 1896.
Charles Henry Warren.	Edgar Newcomb Wrightington.
Harward Warren-Cram.	Enrique Arcadio Zanetti.
Walter Coates Webster, S.B.	
( <i>Haverford Coll.</i> ) 1895.	

## A. B. cum laude.

[Assigned a Disquisition on Commencement Day.]

George Washington Abele.	Charles Frederick French.
Eliot Alden.	Herbert Jacob Friedman.
Francis Morrill Babson.	Robert Warren Fuller.
Melvin Spaulding Barber.	Albert Montgomery Fulton, Jr.
Frank Sawyer Bayley.	Frederick Parker Gay.
Milton Bettman.	Oliver William Gilpin.
Stanley Marshall Bolster.	Henry Gunther Gray.
Sydney Howard Borden.	Henry Seavey Hackett.
Henry Charles Burnstine.	Robert William Hall, Ph.B. ( <i>Yale</i>
William Byrd.	<i>Univ.</i> ) 1895.
Grosvenor Calkins.	Charles Henry Hardwick.
Hubbard Foster Carpenter.	Charles Conant Harriman.
John Taylor Clark.	Richard Huson Haywood Hart.
William Edward Collins.	George Ernest Hills.
William Dudley Cotton, Jr.	Robert Russell Hollister.
Charles Henry Cronin.	William Abernethy Holt, Jr.
Robert Bayard Cutting.	Howard Bigelow Jackson.
Arthur Urbane Dilley.	Robert Darrah Jenks.
Roland Burrage Dixon.	Frederic William Johnston.
John Winthrop Dow.	Arthur Morse Jones.
Charles Davis Drew.	Francis Harrison Kinnicutt.
George Peters Drury.	George Washington Knoblauch.
Morse Stewart Duffield.	Albert James Lonney.



Theodore Lyman.  
 Clarence Alan McGrew.  
 Percy Wallace MacKaye.  
 James Emery McWhinnie.  
 Robert Elwood Manley.  
 John May Meserve.  
 Frederick Pray Miller.  
 David Eaton Mitchell.  
 Frank Nash Morrill.  
 Michael Francis Phelan.  
 Harry Clarke Plum.  
 Herbert Bancroft Priest.  
 Charles Thresher Rawson.  
 Alfred Zantzinger Reed.  
 Reginald Lauran Robbins.  
 Watkins William Roberts.  
 William Lacy Rumsey.  
 Harry Everett Safford.

David Daniel Scannell.  
 Loring Putnam Sears.  
 Lincoln Fleetford Sise.  
 Rufus Bates Sprague.  
 Harold King Stanley.  
 Charles Livingston Stebbins.  
 John Benjamin Sullivan, Jr.  
 Waldo Bromley Truesdell.  
 Philip Keyes Walcott.  
 Joseph Warren.  
 Howard Wayne Waterman.  
 Philip Manchester Wheeler, s.b.  
*(Brooklyn Pol. Inst.)* 1894.  
 Harvey Ladew Williams.  
 William Taylor Burwell Williams.  
 Charles Stetson Wilson.  
 Moses Hannibal Wright.

#### A. B. magna cum laude.

[Assigned a Dissertation on Commencement Day.]

Roswell Parker Angier.  
 Hugh Bancroft.  
 Charles Hull Batchelder.  
 William Warren Bell.  
 John Mason Boutwell.  
 Charles Ernest Brown.  
 Arthur Alexis Bryant.  
 David Cheever.  
 Alfred Henry Childs.  
 Albert Percival Chittenden.  
 Joseph Hodges Choate, Jr.  
 Irvile Fay Davidson.  
 Goldthwaite Maynard Higginson  
 Dorr.  
 William Edmund Dowty, Jr.  
 Manuel Emilio Fenollosa.  
 Irving Lester Fisk.  
 Henry Metcalf Fiske.  
 Walter Burton Ford.  
 Joseph Sidney Francis.  
 George Gleason.

Clifton Daggett Gray.  
 James Edgar Gregg.  
 Walter Alden Griffin.  
 Jonathan Balcom Hayward.  
 Frank Hendrick.  
 Lester Elliott Herrick.  
 Alfred Fabian Hess.  
 Harry Howard Hill.  
 Charles Wesley Hobbs.  
 James Albert Howell.  
 Henry Vincent Hubbard.  
 Henry Barrett Huntington.  
 Frank Alexander Kennedy.  
 Albert Edward King.  
 William Woart Lancaster.  
 Frederic Thomas Lewis.  
 Robert Restalrig Logan.  
 Henry Miller Lydenberg.  
 Hiram Stanley Marsh.  
 Clarence King Moore.  
 John Frederick Neal.

John Noble, Jr.	Joseph William Sharts.
Bernard Sutro Oppenheimer.	Leonard Kingsley Smith.
Winfred Horton Osborne.	Elmer Ernest Southard.
Herbert Sumner Packard.	Daniel Sullivan.
William Belmont Parker.	Archibald Gourlie Thacher.
Drake Thorndyke Perry.	Christopher Minot Weld.
James Duncan Phillips.	Francis Minot Weld.
Edward Eggleston Rice.	Edgar Huidekoper Wells.
Louis Sydney Bassford Robinson.	Frederick Smith Williams.
Arthur William Ryder.	Beekman Winthrop.
James Herbert Shannon.	Sidney Russell Wrightington.

**A. B. summa cum laude.**

[*Assigned an Oration on Commencement Day.*]

Henry Williamson Beal.	Robert Edwin Olds.
Charles Alfred Weatherby.	

**A. B. (*Out of Course.*)**

William Henry Ker, as of the class of 1862.  
 Henry Waller Brinckerhoff, as of the class of 1866.  
 Thomas Wren Ward, as of the class of 1866.  
 Thomas Brattle Gannett, as of the class of 1870.  
 Frank Staples Sherburne, as of the class of 1872.  
 August Belmont, as of the class of 1874.  
 John Hamilton Morse, as of the class of 1889.  
 Theodore Chapin Beebe, as of the class of 1896.  
 Frederick August Donaldson, as of the class of 1896.  
 Henry Friedberg, as of the class of 1896.  
 Watson Edward Goodyear, as of the class of 1896.  
 Orlando Davis Hammond, as of the class of 1896.  
 William Wescott Howell, as of the class of 1896.  
 Lawrence Waters Jenkins, as of the class of 1896.  
 Elliot Chamberlain Kimball, as of the class of 1896.  
 Herbert La Forrest Morse, as of the class of 1896.  
 George Edward Smith, as of the class of 1896.  
 David Townsend, as of the class of 1896.  
 John Herman Trybom, as of the class of 1896.

## S. B.

Alton Dermont Adams.	Warren Partridge.
Carl Stephen Dow.	Eduardo Egberto Saldaña.
Dick Grant.	Allan Bartlett Souther.
Samuel Skerry Montague.	William Freeman Stevenson.
Samuel Roosevelt Outerbridge.	Chan Loon Teung.

## S. B. cum laude.

Lucian Everett Gibbs.	Edward Eugene McCarthy.
Arthur Webster Hodges.	Davis Harrington Morris.
Allen Howe Knapp, M.E. ( <i>State Normal School, Mansfield, Pa.</i> )	Ernest Maeby Moses.
1888.	Arthur William Percival.

## S. B. magna cum laude.

George Buckman.	Arthur Orlo Norton.
Merritt Lyndon Fernald.	Clarence Snow.
Stephen Upshur Hopkins.	Charles Henry White, S.B. ( <i>Univ. of No. Carolina</i> ) 1894.
Merton Channing Leonard.	
Fred Charles Lewis.	

S. B. (*Out of Course.*)

John Bigelow Chamberlin, as of the class of 1896.  
 Arthur Clinton Wadsworth, as of the class of 1896.

## A. M.

Joseph Dana Allen, A.B. (*Univ. of Vermont*) 1893.  
 Raymond Clare Archibald, A.B. (*Mt. Allison Univ., N. B.*) 1894, A.B. (*Harvard Univ.*) 1896.  
 Francis Noyes Balch, A.B. 1896.  
 Frank Watts Bancroft, S.B. (*Univ. of California*) 1894, S.M. (*ibid.*) 1896.  
 Gregory Paul Baxter, A.B. 1896.  
 Charles Beardsley, Jr., A.B. 1892.  
 Archibald Belcher, A.B. (*Emory Coll., Ga.*) 1892, A.M. (*ibid.*) 1896.  
 George Wyllys Benedict, A.B. (*Univ. of Vermont*) 1893.  
 Frederick Horatio Billings, A.B. (*Leland Stanford Jr. Univ.*) 1896.  
 Gilbert Sykes Blakely, A.B. (*Dartmouth Coll.*) 1888, A.M. (*ibid.*) 1891.  
 Ernest Brehaut, A.B. (*Dalhousie Univ., N. S.*) 1894, A.B. (*Harvard Univ.*) 1896.  
 Sears Wilson Cabell, A.B. (*Miami Univ.*) 1895, A.B. (*Harvard Univ.*) 1896.  
 Walter Bradford Cannon, A.B. 1896.

- Paul Capron, A.B. 1896.
- Charles Cestre, LITT. B. (*Faculté des Lettres de Paris, France*) 1889,  
Licencié-ès-lettres (*ibid.*) 1893, Agrégé d'Anglais (*ibid.*) 1895.
- George Henry Chase, A.B. 1896.
- Edward Conner Chickering, A.B. (*Yale Univ.*) 1896.
- William Dennis Collins, A.B. 1895.
- Edwin Henry Colpitts, A.B. (*Mt. Allison Univ., N. B.*) 1893, A.B. (*Harvard Univ.*) 1896.
- Ralph Waldo Cone, A.B. (*Univ. of Kansas*) 1895, A.B. (*Harvard Univ.*) 1896.
- Thornton Cooke, A.B. (*Univ. of Kansas*) 1893.
- Joseph Potter Cotton, Jr., A.B. 1896.
- Arthur John Covell, A.B. (*Univ. of Mich.*) 1887, (*Andover Theol. Sem.*) 1890.
- Truman Orville Douglass, Jr., A.B. (*Iowa Coll.*) 1894.
- Frank Farnum Dresser, A.B. 1894.
- Arthur Durward, S.B. (*Univ. of Colorado*) 1893, S.B. (*Harvard Univ.*) 1895.
- Horace Ainsworth Eaton, A.B. 1893.
- Thomas Hooper Eckfeldt, A.B. (*Wesleyan Univ., Conn.*) 1881.
- Sidney Bradshaw Fay, A.B. 1896.
- George Converse Fiske, A.B. 1894.
- Benjamin Oliver Foster, A.B. (*Leland Stanford Jr., Univ.*) 1895.
- Alex Everett Frye, LL.B. 1890.
- John Edward George, PH.B. (*Northwestern Univ., Ill.*) 1895.
- Lincoln Robinson Gibbs, A.B. (*Wesleyan Univ., Conn.*) 1892, A.M. (*ibid.*) 1893.
- Henry Closson Gilbert, A.B. (*Trinity Coll., Conn.*) 1893, D.B. (*Episcopal Theol. School, Camb.*) 1896.
- Russell Thomas Greene, Jr., A.B. 1896.
- John Galentine Hall, A.B. (*Univ. of Kansas*) 1895, A.B. (*Harvard Univ.*) 1896.
- Hutchins Hapgood, A.B. 1892.
- Louis Clinton Hatch, A.B. (*Bowdoin Coll.*) 1895, A.B. (*Harvard Univ.*) 1896.
- Joseph Henry Hathaway, A.B. (*Iowa Coll.*) 1894, A.B. (*Harvard Univ.*) 1896.
- Ralph Burnell Calhoun Hicks, A.B. 1896.
- Lewis Dana Hill, A.B. 1894.
- Archie Livingston Hodges, A.B. 1883.
- Willis Boit Holmes, A.B. 1896.
- Herman Harrell Horne, A.B. (*Univ. of No. Carolina*) 1895, A.M. (*ibid.*) 1895.

- Thomas Carr Howe, PH.B. (*Univ. of Indianapolis*) 1889, A.M. (*ibid.*) 1893.
- Will David Howe, A.B. (*Univ. of Indianapolis*) 1893, A.B. (*Harvard Univ.*) 1895.
- Ray Greene Hüling, A.B. (*Brown Univ.*) 1869, A.M. (*ibid.*) 1872, S.D. Honorary (*ibid.*) 1894.
- Edward Vermilye Huntington, A.B. 1895.
- Thornton Jenkins, A.B. 1896.
- Henry Johnston, A.B. (*Univ. of New Brunswick*) 1892, A.B. (*Harvard Univ.*) 1896.
- David Kimball, A.B. 1893.
- Samuel Wardwell Kinney, A.B. (*Princeton Univ.*) 1894.
- William Hector Saunderson Kollmyer, A.B. (*McGill Univ.*) 1892.
- Norris Hastings Laughton, A.B. 1895.
- Clarence Woodbury Leach, PH.B. (*Univ. of California*) 1893.
- Henry Barrett Learned, A.B. 1890, A.M. (*Univ. of Chicago*) 1894.
- Jonathan Leonard, A.B. 1896.
- Arthur Gardner Lewis, A.B. 1896.
- Ernest Dorman Lewis, A.B. (*Leland Stanford Jr. Univ.*) 1892, A.M. (*ibid.*) 1893.
- Fred Rinaldo Lewis, A.B. 1896.
- George Luther Lincoln, A.B. 1896.
- Bertram French Linfield, A.B. 1894.
- Arthur Oncken Lovejoy, A.B. (*Univ. of California*) 1895.
- Albert Morton Lythgoe, A.B. 1892.
- James McGiffert, C.E. (*Rensselaer Pol. Inst., N. Y.*) 1891.
- Martin Raphael Marshall, PH.B. (*Oberlin Coll.*) 1892.
- Benjamin Shores Merigold, A.B. 1896.
- Roger Bigelow Merriman, A.B. 1896.
- William Pepperrell Montague, A.B. 1896.
- David William Myhrman, (*Bethel Baptist Theol. Seminary, Stockholm, Sweden*) 1892, PH.B. (*Univ. of Chicago*), 1896.
- Chauncey Williams Norton, A.B. 1896.
- Edwin Lee Norton, A.B. (*Amherst Coll.*) 1893.
- Edgar William Olive, S.B. (*Wabash Coll.*) 1893, S.M. (*ibid.*) 1895.
- George Lyman Paine, A.B. 1896.
- Arthur Newton Peaslee, A.B. (*Bates Coll.*) 1890, D.B. (*Episcopal Theol. School, Cambridge*) 1896.
- Ralph Barton Perry, A.B. (*Princeton Univ.*) 1896.
- Murray Anthony Potter, A.B. 1895.
- Henry Alfred Preston, A.B. (*Adelbert Coll.*) 1893.
- Charles Lincoln Reed, PH.B. (*Tufts Coll.*) 1889.
- Herbert Thomas Rich, A.B. 1896.

- Winfield Scott Rich, s.B. 1896.  
 Frank Russell, s.B. (*State Univ. of Iowa*) 1892, s.M. (*ibid.*) 1895.  
 William Briggs Savery, A.B. (*Brown Univ.*) 1896.  
 Alfred Dwight Sheffield, A.B. (*Oberlin Coll.*) 1895, A.B. (*Harvard Univ.*) 1896.  
 Andrew Rothwell Sheriff, LL.B. (*Georgetown Univ.*) 1892, LL.B. (*Harvard Univ.*) 1894, A.B. (*ibid.*) 1896.  
 Prescott Orde Skinner, A.B. 1896.  
 Louis Palmer Slade, A.B. (*Williams Coll.*) 1893.  
 Charles Lester Spaulding, A.B. (*Williams Coll.*) 1890.  
 Wallace Nelson Stearns, A.B. (*Ohio Wesleyan Univ.*) 1891, A.B. (*Harvard Univ.*) 1893, A.M. (*Ohio Wesleyan Univ.*) 1894, D.B. (*Harvard Univ.*) 1896.  
 James Sterenberg, A.B. (*Hope Coll.*) 1893, (*Princeton Theol. Sem.*) 1896.  
 William Earl Stilson, A.B. (*Allegheny Coll.*) 1894.  
 John Dashiell Stoops, A.B. (*Dickinson Coll.*) 1894.  
 John Reed Swanton, A.B. 1896.  
 John Strong Perry Tatlock, A.B. 1896.  
 Albert Welcome Thayer, A.B. (*Wesleyan Univ., Conn.*) 1887, A.M. (*ibid.*) 1890.  
 Edward Lee Thorndike, A.B. (*Wesleyan Univ., Conn.*) 1895, A.B. (*Harvard Univ.*) 1896.  
 Frank William Tilden, A.B. (*Hamilton Coll., N. Y.*) 1892, A.M. (*ibid.*) 1895.  
 Norman Maclaren Trenholme, A.B. (*McGill Univ.*) 1895.  
 Jonas Viles, A.B. 1896.  
 Joseph Parker Warren, A.B. 1896.  
 Alvin Sawyer Wheeler, A.B. (*Beloit Coll.*) 1890.  
 John Arlington White, A.B. 1896.  
 Henry George Whitman, A.B. (*Cambridge Univ., Eng.*) 1894.  
 Robert Sessions Woodworth, A.B. (*Amherst Coll.*) 1891, A.B. (*Harvard Univ.*) 1896.  
 Bruce Wyman, A.B. 1896.  
 Arnold Anton Ferdinand Züllig.

A. M. (*Out of Course.*)

- Mark Bailey, Jr., as of the class of 1891.  
 Joseph Almarin Capps, as of the class of 1895.

## Ph. D.

- John Henry Boynton, A.B. 1890, A.M. 1894.  
*Department*, Philology. *Subject*, English Philology.  
*Thesis*, "Studies in the English Ballad Refrain."
- Guy Stevens Callender, A.B. (*Oberlin Coll.*) 1891, A.B. (*Harvard Univ.*) 1893, A.M. (*ibid.*) 1894.  
*Department*, Political Science. *Subject*, Economics.  
*Thesis*, "English Capital and American Resources."
- George Davis Chase, A.B. 1889, A.M. 1895.  
*Department*, Philology. *Subject*, Comparative Philology.  
*Thesis*, "The Origin of Roman Praenomina."
- Herbert Ernest Cushman, A.B. (*Bates Coll., Me.*) 1887, D.B. (*Tufts Coll.*) 1890, A.M. (*ibid.*) 1890, A.B. (*Harvard Univ.*) 1895, A.M. (*ibid.*) 1896.  
*Department*, Philosophy. *Subject*, Metaphysics.  
*Thesis*, "The Historical Development of the Concepts of Causality."
- Clyde Augustus Duniway, A.B. (*Cornell Univ., N. Y.*) 1892, A.M. (*Harvard Univ.*) 1894.  
*Department*, Political Science. *Subject*, Economics and History.  
*Thesis*, "Restrictions upon the Freedom of the Press in Massachusetts."
- Frank Edgar Farley, A.B. 1893, A.M. 1894.  
*Department*, Philology. *Subject*, English Philology.  
*Thesis*, "Scandinavian Influences in the English Romantic Movement."
- Jeremiah Denis Matthias Ford, A.B. 1894, A.M. 1895.  
*Department*, Philology. *Subject*, Romance Philology.  
*Thesis*, "The Old Spanish Sibilants."
- Frank Bernard Gallivan, A.B. 1893.  
*Department*, Chemistry. *Subject*, Organic Chemistry.  
*Thesis*, "On Certain Derivatives of Benzol containing Bromine."
- John Irvin Hamaker, A.B. (*Univ. of Kansas*) 1893, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1895.  
*Department*, Biology. *Subject*, Zoölogy.  
*Thesis*, "The Nervous System of *Nereis virens* Sars."
- Albert Elmer Hancock, S.B. (*Wesleyan Univ., Conn.*) 1891, A.M. (*Harvard Univ.*) 1895.  
*Department*, Philology. *Subject*, English Philology.  
*Thesis*, "The French Revolution and the English Poets."
- Alfred Le Roy Hodder.  
*Department*, Philosophy. *Subject*, Metaphysics.  
*Thesis*, "The Metaphysics of the Specious Present."

- Thomas Augustus Jaggar, Jr., A.B. 1893, A.M. 1894.  
*Department, Geology. Subject, Dynamic and Experimental Geology.*  
*Thesis, I. "A Microsclerometer for determining the Hardness of Mineral Thin Sections."*  
 II. "On the Geologic Evidence from Fragmental Inclusions contained in certain Dikes of the Boston Basin."
- Gaillard Thomas Lapsley, A.B. 1893, A.M. 1894.  
*Department, History. Subject, Constitutional History of England to 1377.*  
*Thesis, "The County Palatine of Durham in the Middle Ages."*
- Henry Richardson Linville, A.B. (*Univ. of Kansas*) 1893, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1895.  
*Department, Biology. Subject, Zoölogy.*  
*Thesis, "Maturation and Fertilization in Pulmonate Gasteropods."*
- Charles Whitney Mixter, A.B. (*Johns Hopkins Univ., Md.*) 1892, A.M. (*Harvard Univ.*) 1893.  
*Department, Political Science. Subject, Economics.*  
*Thesis, "Overproduction and Overaccumulation."*
- Milton Brockett Porter, S.B. (*Univ. of Texas*) 1892, A.M. (*Harvard Univ.*) 1895.  
*Department, Mathematics. Subject, Higher Analysis.*  
*Thesis, "On the Roots of the Hypergeometric and Bessel's Functions."*
- Frederick Hollister Safford, S.B. (*Mass. Inst. of Tech.*) 1888, A.M. (*Harvard Univ.*) 1894.  
*Department, Mathematics. Subject, Higher Analysis.*  
*Thesis, "Systems of Revolution and their relation to Conical Systems, in the theory of Lamé's Products."*
- Boris Sidis, A.B. 1894, A.M. 1895.  
*Department, Philosophy. Subject, Psychology.*  
*Thesis, "The Psychology of Suggestion."*
- Macy Millmore Skinner, A.B. 1894, A.M. 1895.  
*Department, Philology. Subject, Semitic Languages and History.*  
*Thesis, "Aramaisms in Isaiah."*
- Roscoe Addison Small, A.B. (*Bates Coll., Me.*) 1892, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1895.  
*Department, Philology. Subject, English Philology.*  
*Thesis, "The Stage Quarrel between Ben Jonson and the so-called Poetasters."*
- Oliver Mitchell Wentworth Sprague, A.B. 1894, A.M. 1895.  
*Department, Political Science. Subject, Economic History.*  
*Thesis, "The English Woolen Industry in the Seventeenth and Eighteenth Centuries."*



- Henry Augustus Torrey, A.B. (*Univ. of Vermont*) 1892, A.M. (*Harvard Univ.*) 1896.  
*Department*, Chemistry. *Subject*, Organic Chemistry.  
*Thesis*, "The Oxide of Dichlorodimethoxybenzol Dibenzoate."
- George Ole Virtue, A.B. (*Univ. of Kansas*) 1892, A.B. (*Harvard Univ.*) 1892, A.M. (*ibid.*) 1893.  
*Department*, Political Science. *Subject*, Economics.  
*Thesis*, "Two Features of the Anthracite Coal Industry."
- John Albrecht Walz, A.B. (*Northwestern Univ., Ill.*) 1892, A.M. (*Harvard Univ.*) 1895.  
*Department*, Philology. *Subject*, Germanic Philology.  
*Thesis*, "The Foundation Sacrifice and Kindred Rites."
- Raymond Weeks, A.B. 1890, A.M. 1891.  
*Department*, Philology. *Subject*, Romance Philology.  
*Thesis*, "Aliscans and the Nerbonesi."

## S. D.

- Alfred Goldsborough Mayer, M.E. (*Stevens Inst. of Tech., N. J.*) 1889.  
*Department*, Natural History. *Subject*, Zoölogy.  
*Thesis*, "The Development of the Wing Scales and their Pigment in Butterflies and Moths."

## D. B.

- Arthur Herbert Coar, A.B. (*Williams Coll.*) 1894.  
 Daniel James Fraser, A.B. (*McGill Univ.*) 1890, A.M. (*ibid.*) 1893, D.B. (*Presbyterian Coll., Montreal*) 1893.  
 Robert Hall, A.B. (*Univ. of Indianapolis*) 1891, A.M. (*ibid.*) 1892, PH.D. (*ibid.*) 1895.  
 John Wesley Rice, A.B. 1891, D.B. (*Yale Univ.*) 1895, A.M. (*Harvard Univ.*) 1896.

## LL. B.

- Gardner Beals, A.B. 1894.  
 Edward Mellen Bennett, A.B. 1893.  
 Elias Bullard Bishop, A.B. 1894.  
 Emmett Warren Blackhurst, A.B. (*N. Ind. Nor. School*) 1890.  
 Henry Park Brown, S.B. (*Centre Coll.*) 1893.  
 John Stewart Bryan, A.B., A.M. (*Univ. of Virginia*) 1893.  
 Chandler Bullock, A.B. 1894.  
 Louis Mayer Cahn, A.B. 1895.  
 James Shaw Campbell, A.B. (*Princeton Coll.*) 1894.  
 Albert Paine Carter, A.B. 1894.  
 John Newton Conger, S.B. (*Lombard Univ.*) 1893.

- John Francis Crosby, A.B. 1894.  
George Marston Cushing, A.B. 1894.  
Frederick William Dallinger, A.B. 1892, A.M. 1894.  
William Denman, L.B. (*University of California*) 1894.  
Nathan Philips Dodge, Jr., A.B. 1895.  
Eugene Clement Donworth.  
Charles Howard Dow, A.B. 1892.  
McCoy Fitzgerald, A.B. (*Univ. of California*) 1894.  
Richard Leslie Fortney, A.B. (*Nat. Normal Univ.*) 1888.  
Charles Bemis Gleason, A.B. 1894.  
Moses Montefiore Goldstein.  
Clarence Norton Goodwin, A.B. (*Syracuse Univ.*) 1894.  
Frank William Goreth, A.B. (*Syracuse Univ.*) 1891, A.M. (*ibid.*) 1894.  
Jesse Peter Gram, Ph.B. (*Oberlin Coll.*) 1892.  
Arthur Dustan Greenfield, A.B. 1894.  
Ralph La Forest Hathorn, Ph.B. (*Univ. of California*) 1893.  
Ernest Bernard Herald.  
Everett Pray Hervey, A.B. 1894.  
Holden Howard Hurt, A.B. (*William Jewell Coll.*) 1894.  
Charles Edward Ingersoll.  
Marcellus Lindsey Joslyn, S.B. (*Notre Dame Univ.*) 1892.  
John Patrick Kirby.  
John Bayard Kirkpatrick, A.B. 1894.  
Eric Alfred Knudsen, A.B. 1894.  
Henry Crawford Long, B.S.D. (*Mo. State Normal School*) 1884, M.S.D. (*ibid.*) 1888, M.S. (*Drake Univ.*) 1890.  
Patrick Emmett McKilip, A.B. (*Creighton Univ.*) 1894.  
Edwin Toil McKnight, A.B. (*Univ. of New Brunswick*) 1894.  
William Gelon McKnight, S.B. (*Rutgers Coll.*) 1893.  
Matthias Mahorner, Jr., A.B. (*St. Joseph's Coll.*) 1894.  
Bradley Martin, Jr., A.B. (*Oxford Univ., Eng.*) 1894.  
John Edward Morley, A.B. (*Yale Univ.*) 1894.  
Charles John Morrison, A.B. 1895.  
Daniel Joseph Mulqueeney, A.B. 1894.  
George Snow Taft Newell, Jr., A.B. 1895.  
Edward Samuel Page, A.B. 1895.  
Henry Francis Parmelee, Ph.B. (*Yale Univ.*) 1894.  
Percy Grosvenor Parsons.  
John Aubrey Pew, A.B. 1894.  
Samuel Hale Pillsbury.  
Ernest Kilburn Piper, A.B. (*Dartmouth Coll.*) 1894.  
Frederic Sherman Porter, A.B. (*Michigan Univ.*) 1892.  
Charles Anthony Poth, A.B. 1895.

- Charles Anderson Proctor.  
 Edward Everett Reardon.  
 Marshall Prettyman Richards, A.B. (*Western Maryland Coll.*) 1891.  
 Emmet Lee Richardson, A.B. (*Indiana Univ.*) 1891, A.M. (*Leland Stanford Jr. Univ.*) 1892.  
 Everett Clifton Roché, A.B. 1894.  
 Endicott Peabody Saltonstall, A.B. 1894.  
 Sheffield Shumway Sanborn, A.B. (*Univ. of California*) 1894.  
 Emmett Latty Savage, A.B. (*Univ. of Wooster*) 1893.  
 Clifford Seasingood, A.B. 1894.  
 Alexander Hamilton Sibley, A.B. (*Trinity Coll.*) 1892.  
 Harry Upson Sims, A.B. (*Univ. of Virginia*) 1894.  
 Vernon Villiers Skinner.  
 Thorndike Spalding, A.B. 1895.  
 Samuel Romney Spring, A.B. (*Williams Coll.*) 1894.  
 George Stern, A.B. (*Lehigh Coll.*) 1893.  
 Edward James Stevens, PH.B. (*Beloit Coll.*) 1894.  
 Edward Merrell Stothers, A.B. (*Yale Univ.*) 1994.  
 Robert Eugene Swezey, A.B. (*Polytechnic Inst., Brooklyn*) 1894.  
 William Ariel Talcott, Jr., A.B. (*Amherst Coll.*) 1893.  
 Harry Winslow Thayer.  
 Marshall Putnam Thompson, A.B. (*Dartmouth Coll.*) 1892.  
 Charles Cobb Walker, A.B. 1892.  
 Henry Weber.  
 George Thomas Weitzel, A.B. 1894.  
 Francis Horace Welch, A.B. (*Univ. of Texas*) 1893.  
 Henry George Whitman, A.B. (*Cambridge Univ., Eng.*) 1894.  
 Charles Edward Whitmore, Jr., A.B. 1893.

## LL. B. cum laude.

- Edward Brinley Adams, A.B. 1892.  
 Franklin Morse Archer, A.B. (*Princeton Coll.*) 1894.  
 Russ Avery, L.B. (*Univ. of California*) 1894.  
 William Friend Corliss, A.B. 1894.  
 William Washburn Cutler, A.B. 1894.  
 Robert Gray Dodge, A.B. 1893, A.M. 1895.  
 David Jacque Gallert, A.B. 1894.  
 Elias Gates, PH.B. (*Univ. of Pennsylvania*) 1894.  
 James Parker Hall, A.B. (*Cornell Univ.*) 1894.  
 James Ambrose Halloran.  
 Livingston Ham, A.B. (*Brown Univ.*) 1894.  
 Logan Hay, A.B. (*Yale Univ.*) 1893.

Robert Homans, A. B. 1894.  
 Matt Bushnell Jones, A. B. (*Dartmouth Coll.*) 1894.  
 William Hector Saunderson Kollmyer, A. B. (*McGill Univ.*) 1892.  
 James Athanasius McDonald, A. B. 1894.  
 William Beard Perry, A. B. (*Amherst Coll.*) 1892.  
 James Aldrich Pirce, A. B. (*Brown Univ.*) 1892.  
 Edward Sanford, A. B. (*Columbia Coll.*) 1894.  
 Clarence Bishop Smith, A. B. (*Columbia Coll.*) 1894.  
 Frederick Townsend, Jr., A. B. 1893.  
 Eliot Tuckerman, A. B. 1894.

LL. B. (*Out of Course.*)

Charles Addison Foss, as of the class of 1896.  
 Maurice Vincent Joyce, as of the class of 1896.

M. D.

Three Years' Course.

Clarence Francis Desmond.                      Albert Augustine Judge.

Four Years' Course.

John Alfred Barton.	Albert Anthony McCauley, A. B.
John Hammond Blodgett.	( <i>Holy Cross Coll.</i> ) 1892.
Fred Grant Burrows, A. B. ( <i>Leland</i>	Thomas Henry McCormick.
<i>Stanford Jr. Univ.</i> ) 1892, A. M.	Charles Wood McMurtry.
( <i>ibid.</i> ) 1893.	Charles Francis Maguire, A. B.
John Henry Costello, Jr.	( <i>Boston Coll.</i> ) 1893.
Timothy Joseph Daly.	Adolph Antone Maulhardt.
John Malachi Donlan.	Butler Metzger.
Charles Dudley.	José Maria Montoya.
George Edwin Emery.	John Henry Moore.
Thomas Patrick Fitzgerald, A. B.	Edgar Thomas Newsome.
( <i>Boston Coll.</i> ) 1893.	Arthur Holmes Parker.
Robert Workman Guiler.	Stephen Kerr Patten.
Ignatius Haines.	Richard Mills Pearce, Jr., M. D.
Harry Tucker Handy.	( <i>Tufts Coll.</i> ) 1894.
Edwin Colfax Hixon.	John Combe Pogram, Jr., A. B.
Joseph Ambrose Hogan.	( <i>Brown Univ.</i> ) 1892.
David Joseph Johnson.	John Harris Pettee.
Frederick Ellis Jones.	Victor Augustus Reed.
Francis Parker Tays Logan.	Edwin Warner Ryerson.

Frank Everard Smart.  
 Charles James Smyzer.  
 Henry Garrettson Spooner.  
 Frank Eliot Stetson, A.B. 1893.  
 John Thomas Sullivan, Jr.

William Joseph Walton, D.M.D.  
 1894.  
 William Joshua Weeks.  
 Charles Austin Willis, Ph.B. (*Tufts  
 Coll.*) 1892.

**M. D. cum laude.**

**Four Years' Course.**

William Gray Adams.  
 Seabury Wells Allen, A.B. 1891.  
 George Sherwin Clarke Badger,  
 A.B. (*Yale Univ.*) 1892, A.M.  
 (*ibid.*) 1894.  
 Charles Edwin Briggs, A.B. (*Ober-  
 lin Coll.*) 1893.  
 Arthur Nicholson Broughton, A.B.  
 1893.  
 Herbert Edward Buffum.  
 Ernest Gisborne Burke, A.M. 1894.  
 Sanford Robinson Catlin, Ph.B.  
 (*Beloit Coll.*) 1893.  
 Weston Percival Chamberlain, A.B.  
 (*Bowdoin Coll.*) 1893.  
 William Horace Davis, A.B. 1893.  
 James Crowley Donoghue.  
 Louis Whitmore Gilbert, A.B. 1893.  
 Randolph Campbell Hurd.  
 Ralph Clinton Larrabee, A.B. 1893.

Walter Augustus Lecompte, A.B.  
 1893.  
 Henry Orlando Marcy, Jr., A.B. 1893.  
 George Wilton Moorehouse, L.B.  
 (*Univ. of Wisconsin*) 1891, L.M.  
 (*ibid.*) 1893.  
 Richard Frothingham O'Neil.  
 Simon Richmond.  
 Frank Lee Drummond Rust.  
 John Joseph Shea.  
 William Henry Smith, A.B. (*Brown  
 Univ.*) 1892.  
 Fred Maurice Spalding, A.B. 1893.  
 Frederick Winslow Stetson, A.B.  
 1894.  
 Ralph Emerson Stevens.  
 Frank Raymond Stubbs, A.B. 1893.  
 Howard Townsend Swain.  
 George Shattuck Whiteside.  
 Harry Edwin Williams.

**M. D. (*Out of Course.*)**

John Thomas Cahill (three years), as of the class of 1896.  
 Charles Frederick Mains (four years), as of the class of 1896.

**D. M. D.**

Fred Wilde Allen.  
 Frank Pliny Barnard.  
 Roy Keney Belden.  
 Harry Ernest Belyea.  
 Charles William Berry, S.B. (*Dart-  
 mouth Coll.*) 1894.

Ralph Vincent Blake, Ph.G. (*Mass.  
 Coll. of Pharm.*) 1890.  
 Harold Edgeworth Davis.  
 Robert Irving Davis.  
 Walter Sheldon Davis.  
 John Dana Dickinson.

Harold Watson Estey.  
 Walter Joseph Faunce.  
 George Lincoln Forrest.  
 Leo Green, A. B. (*College of the City  
 of New York*).  
 George True Greenwood.  
 Francis Herbert Harding.  
 Edward Everett Henry.  
 Arland Martin Kenney.  
 Charles Ansel Lakin.  
 William Lunan, Jr.  
 Raimond Edgar McDonough.  
 Thomas Richard McMahon.  
 Joseph Thomas Mooney.

Charles Erwin Parkhurst, A. B. (*Boston Univ.*)  
 Harry Carlton Spencer.  
 Joseph Herman Stromier, D. D. S.  
 (*Univ. of Michigan*) 1895, L. D. S.  
 (*Faculty of Physicians and Surgeons of Glasgow*) 1896.  
 David Pickard Thomas.  
 Clarence Bartlett Vaughan.  
 Frank Hosea Veo.  
 George Alfred Warren.  
 Walter Harris White.  
 Herbert Clarence Woodman.

**M. D. V.**

Frank Jerome Babbitt.  
 Elmer Warren Babson.  
 Clarence Edward Burchstead.  
 Howard Montgomery Burgess.  
 Cornelius Cronan.  
 Frederick Thomas Dolan.  
 Clement Arthur Hamblet.  
 Edward Ambrose Madden.  
 Arthur Winthrop May.  
 William Augustine Nannery.

Charles Herbert Perry.  
 Ellis Peterson, Jr.  
 Thomas Joseph Shinkwin.  
 Frank Benjamin Stratton.  
 Berton Amasa Thissell.  
 Pell Fletcher Wallingford.  
 Lewis Cummings Weeks.  
 Daniel George White.  
 William Tisdale White.  
 Alexander Eames Wight.

**B. A. S.**

Elisha Wilson Morse.

William Edward Coffin Nazro.

**HONORARY DEGREES.****A. M.**

Charles Edward Faxon.  
 Franklin William Hooper.

Rudolph Chambers Lehmann.  
 Caleb Benjamin Tillinghast.

**D. D.**

Charles Cuthbert Hall.

**LL. D.**

Jacob M DaCosta.

John Codman Ropes.

Augustus St. Gaudens.



**PART II**

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**THE UNIVERSITY  
AND ITS DEPARTMENTS**





# HARVARD UNIVERSITY.

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## HISTORY AND GOVERNMENT.

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HARVARD COLLEGE was founded in 1636, by a vote passed at an adjourned meeting (October 28, Old Style) of the General Court of the Colony of Massachusetts Bay which convened on September 8th of that year.

The language of the vote was as follows:—

“The Court agree to give Four Hundred Pounds towards a *School or College*, whereof Two Hundred Pounds shall be paid the next year, and Two Hundred Pounds when the work is finished, and the next Court to appoint where and what building.”

The ensuing year (1637) the General Court appointed twelve of the most eminent men of the colony (among whom were John Cotton and John Winthrop) “to take order for a college at Newtown.” The name, “Newtown,” was soon afterwards changed by the General Court to *Cambridge*, in recognition of the English University where many of the colonists had been educated.

The following year (1638) John Harvard, a non-conforming clergyman of England, who had been in the colony about one year, died at Charlestown, leaving half of his whole property and his entire library (about 300 volumes) to the institution. The value of this bequest was more than double the entire sum originally voted by the Court, and it was resolved to open the College at once, and to give it the name of *Harvard*. The first class was formed in the same year.

In 1642, during the administration of the first President, Henry Dunster, the general government of the College and the management of its funds were placed in the hands of a *Board of Overseers* established and empowered by the following Act of the General Court:—

### “THE ACT

#### “ESTABLISHING THE OVERSEERS OF HARVARD COLLEGE.

“At a General Court held at Boston on the 8th of September, in the Year 1642.

“WHEREAS, through the good hand of God upon us, there is a College founded in Cambridge, in the county of Middlesex, called HARVARD COLLEGE, for the encouragement whereof this Court has given the sum of four hundred pounds, and also the revenue of the ferry betwixt Charles-

town and Boston, and that the well ordering and managing of the said College is of great concernment, —

“It is therefore ordered by this Court and the authority thereof, that the Governor and Deputy-Governor for the time being, and all the magistrates of this jurisdiction, together with the teaching elders of the six next adjoining towns, — viz. Cambridge, Watertown, Charlestown, Boston, Roxbury, and Dorchester, — and the President of the said College for the time being, shall, from time to time, have full power and authority to make and establish all such orders, statutes, and constitutions as they shall see necessary for the instituting, guiding, and furthering of the said College and the several members thereof, from time to time, in piety, morality, and learning; as also to dispose, order, and manage, to the use and behoof of the said College and the members thereof, all gifts, legacies, bequeaths, revenues, lands, and donations, as either have been, are, or shall be conferred, bestowed, or any ways shall fall or come to the said College.

“And whereas it may come to pass that many of the said magistrates and elders may be absent, or otherwise employed in other weighty affairs, when the said College may need their present help and counsel, — it is therefore ordered, that the greater number of magistrates and elders which shall be present, with the President, shall have the power of the whole. *Provided*, that if any constitution, order, or orders, by them made, shall be found hurtful unto the said College, or the members thereof, or to the weal public, then, upon appeal of the party or parties grieved unto the company of Overseers first mentioned, they shall repeal the said order or orders, if they shall see cause, at their next meeting, or stand accountable thereof to the next General Court.”\*

The Board of Overseers appears to have been found too large a body to have the immediate direction of the College, and in 1650, through the efforts of President Dunster and others, a charter was granted to the College by the General Court, by which the College was made a *Corporation*, consisting of the President, five Fellows, and a Treasurer, or Bursar, to have perpetual succession by the election of members to supply vacancies, and to be called by the name of the *President and Fellows of Harvard College*. The powers conferred by this Act were accompanied with a provision which required that all Orders and By-Laws of the Corporation should have the consent of the Overseers before they went into operation. This provision was found inconvenient and embarrassing in practice, and in 1657 a law was passed, called “An Appendix to the College Charter,”

\* This Act is copied from “The General Laws of the Massachusetts Colony, revised and published by order of the General Court in October, 1658,” which was the second edition of the Laws of the Colony, and was printed in 1660. It varies slightly in phraseology from the Act contained in the Records of the General Court, Vol. II, page 24.

by which the acts of the Corporation were declared to have immediate force and effect, and to be merely "alterable" by the Overseers, to whom the Corporation was to be "responsible."

The text of the College Charter, and of the appendix to the same, is as follows:—

#### “THE CHARTER

“OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE, UNDER THE SEAL OF THE COLONY OF MASSACHUSETTS BAY, AND BEARING DATE MAY 31, A.D. 1650.

“WHEREAS, through the good hand of God, many well-devoted persons have been, and daily are, moved and stirred up to give and bestow sundry gifts, legacies, lands, and revenues, for the advancement of all good literature, arts, and sciences, in HARVARD COLLEGE, in Cambridge, in the county of Middlesex, and to the maintenance of the President and Fellows, and for all accommodations of buildings, and all other necessary provisions that may conduce to the education of the English and Indian youth of this country in knowledge and godliness, —

“It is therefore ordered and enacted by this Court and the authority thereof, that for the furthering of so good a work, and for the purposes aforesaid, from henceforth that the said College in Cambridge, in Middlesex, in New England, shall be a Corporation, consisting of seven persons, to wit, a President, five Fellows, and a Treasurer or Bursar; and that HENRY DUNSTER shall be the first President, SAMUEL MATHER, SAMUEL DANFORTH, Masters of Art, JONATHAN MITCHELL, COMFORT STARR, and SAMUEL EATON, Bachelors of Art, shall be the five Fellows, and THOMAS DANFORTH to be present Treasurer, all of them being inhabitants in the Bay, and shall be the first seven persons of which the said Corporation shall consist; and that the said seven persons, or the greater number of them, procuring the presence of the Overseers of the College, and by their counsel and consent, shall have power, and are hereby authorized, at any time or times, to elect a new President, Fellows, or Treasurer, so oft, and from time to time, as any of the said person or persons shall die or be removed; which said President and Fellows for the time being shall forever hereafter, in name and fact, be one body politic and corporate in law, to all intents and purposes, and shall have perpetual succession, and shall be called by the name of *President and Fellows of Harvard College*, and shall from time to time be eligible as aforesaid; and, by that name, they and their successors shall and may purchase and acquire to themselves, or take and receive upon free gift and donation, any lands, tenements, or hereditaments, within this jurisdiction of the Massachusetts Bay, not exceeding the value of five hundred pounds per annum, and any goods and sums of money whatsoever to the use and behoof of the said Presi-

dent, Fellows, and scholars of the said College; and also may sue and plead, or be sued and impleaded, by the name aforesaid, in all courts and places of judicature within the jurisdiction aforesaid.

“And that the said President, with any three of the Fellows, shall have power, and are hereby authorized, when they shall think fit, to make and appoint a common seal for the use of the said Corporation. And the President and Fellows, or the major part of them, from time to time, may meet and choose such officers and servants for the College, and make such allowance to them, and them also to remove, and, after death or removal, to choose such others, and to make from time to time such orders and by-laws, for the better ordering and carrying on the work of the College, as they shall think fit; *provided* the said orders be allowed by the Overseers. And also that the President and Fellows, or major part of them, with the Treasurer, shall have power to make conclusive bargains for lands and tenements, to be purchased by the said Corporation for valuable considerations.

“And, for the better ordering of the government of the said College and Corporation, — Be it enacted by the authority aforesaid, that the President and three more of the Fellows shall and may from time to time, upon due warning or notice given by the President to the rest, hold a meeting for the debating and concluding of affairs concerning the profits and revenues of any lands, and disposing of their goods (provided that all the said disposings be according to the will of the donors), and for direction in all emergent occasions, execution of all orders and by-laws, and for the procuring of a general meeting of all the Overseers and Society, in great and difficult cases, and in cases of non-agreement; in all which cases aforesaid, the conclusion shall be made by the major part, the said President having a casting voice, the Overseers consenting thereunto. And that all the aforesaid transactions shall tend to and for the use and behoof of the President, Fellows, scholars, and officers of the said College, and for all accommodations of buildings, books, and all other necessary provisions and furnitures as may be for the advancement and education of youth in all manner of good literature, arts, and sciences.

“And, further, be it ordered by this Court and the authority thereof, that all the lands, tenements, or hereditaments, houses, or revenues, within this jurisdiction, to the aforesaid President or College appertaining, not exceeding the value of five hundred pounds per annum, shall from henceforth be freed from all civil impositions, taxes, and rates; all goods to the said Corporation, or to any scholars thereof, appertaining, shall be exempted from all manner of toll, customs, and excise whatsoever; and that the said President, Fellows, and scholars, together with the servants, and other necessary officers to the said President or College appertaining, not exceeding ten, — viz. three to the President and seven to the College belonging, — shall be exempted from all per-

sonal civil offices, military exercises or services, watchings and wardings; and such of their estates, not exceeding one hundred pounds a man, shall be free from all country taxes or rates whatsoever, and none others.

"In witness whereof, the Court has caused the seal of the Colony to be hereunto affixed. Dated the one and thirtieth day of the third month, called May, anno 1650.

"[L. S.]

THO. DUDLEY, *Governor.*"\*

"AN APPENDIX TO THE COLLEGE CHARTER, GRANTED BY AN ACT OF THE GENERAL COURT OF THE COLONY, PASSED A.D. 1657.

"*At a General Court held at Boston, the 14th of October, 1657.*

"In answer to certain proposals presented to this Court by the Overseers of HARVARD COLLEGE, as an appendix to the College Charter, it is ordered, —

"The Corporation shall have power, from time to time, to make such orders and by-laws, for the better ordering, and carrying-on of the work of the College, as they shall see cause, without dependence upon the consent of the Overseers foregoing. *Provided always*, that the Corporation shall be responsible unto, and those orders and by-laws shall be alterable by, the Overseers, according to their discretion.

"And when the Corporation shall hold a meeting, and agreeing with college servants, for making of orders and by-laws, for debating and concluding of affairs concerning the profits and revenues of any lands or gifts, and the disposing thereof (provided that all the said disposals be according to the will of the donors), for management of all emergent occasions, for the procuring of a general meeting of the Overseers and Society in great and difficult cases, and in cases of non-agreement, and for all other college affairs to them pertaining, — in all these cases the conclusion shall be valid, being made by the major part of the Corporation, the President having a casting vote. *Provided always*, that, in these things also, they be responsible to the Overseers as aforesaid.

"And in case the Corporation shall see cause to call a meeting of the Overseers, or the Overseers shall think good to meet of themselves, it shall be sufficient unto the validity of college acts, that notice be given to the Overseers in the six towns mentioned in the printed law anno 1642, when the rest of the Overseers, by reason of the remoteness of their habitations, cannot conveniently be acquainted therewith." †

The Corporation and the Board of Overseers remain to the present time the governing powers of the University; and this charter with its appendix

\* The above is a copy of the original Charter, engrossed on parchment, under the signature of Governor Dudley, with the Colony seal appendant, in the custody of the President and Fellows of Harvard College. The Charter, varying slightly in phraseology, is also contained in the Records of the General Court, Vol. IV, page 10.

† This act is taken from the Records of the General Court, Vol. IV, page 265.

is now in force precisely as first drafted, notwithstanding that several attempts were made, during the first fifty years of its existence, to alter it or to substitute another in its place. Several new charters which would have essentially changed the organization of the College passed both branches of the Colonial Legislature, but failed to receive the sanction of the King or Governor, and none of the proposed changes ever actually went into operation. The last attempt to obtain a new college charter from the Crown was in 1700, when a draft of a charter was prepared "to be solicited for to his Majesty," which passed both branches of the Legislature, but was never presented to the King.

After the constitution of the College had been for a number of years in this unsettled condition, the General Court in 1707 passed the following vote, reasserting the integrity and force of the charter of 1650, and it remains "the venerable source of collegiate authority" to this day.

"EXTRACT FROM A RESOLVE OF THE PROVINCIAL GENERAL COURT, PASSED A.D. 1707, DECLARING THE COLLEGE CHARTER OF 1650 NOT REPEALED, AND DIRECTING THE PRESIDENT AND FELLOWS OF THE COLLEGE TO EXERCISE THE POWERS GRANTED BY IT.

*"At a Great and General Court for her Majesty's Province of the Massachusetts Bay, begun and held at Boston upon the 28th of May, 1707, and continued by several prorogations unto the 29th of October following, being the third session.*

"IN COUNCIL.

*"Thursday, December 4, 1707.*

"And inasmuch as the first foundation and establishment of that House [Harvard College, in Cambridge], and the government thereof, had its origin from an act of the General Court, made and passed in the year 1650, which has not been repealed or nulled, — the President and Fellows of the said College are directed, from time to time, to regulate themselves according to the rules of the Constitution by the said Act prescribed, and to exercise the powers and authorities thereby granted for the government of that House, and the support thereof.

*"Saturday, December 6, 1707.*

"The Representatives returned the Vote passed in Council, the 4th current, referring to the College, with their concurrence thereunto.

"By his Excellency the Governor, consented to,

"JOSEPH DUDLEY." \*

In 1780, when a Constitution was framed for the new Commonwealth of Massachusetts, the following Articles were introduced, securing to the

\* This resolve is taken from the Records of the General Court, Vol. VIII, page 344.

President and Fellows of Harvard College the perpetual enjoyment of all their vested rights and powers, and providing for the organization of the Board of Overseers.

“THE ARTICLES OF THE CONSTITUTION OF THE COMMONWEALTH OF MASSACHUSETTS, CONFIRMING AND SECURING TO HARVARD COLLEGE THE PERPETUAL POSSESSION AND ENJOYMENT OF ALL ITS ESTATES, RIGHTS, POWERS, AND PRIVILEGES.

#### “CHAPTER V.

##### “SECT. I. — *The University.*

“ARTICLE 1. —Whereas our wise and pious ancestors, so early as the year one thousand six hundred and thirty-six, laid the foundation of HARVARD COLLEGE, in which University many persons of great eminence have, by the blessing of God, been initiated in those arts and sciences which qualified them for public employments both in Church and State; and whereas the encouragement of arts and sciences and all good literature tends to the honor of God, the advantage of the Christian religion, and the great benefit of this and the other United States of America, — It is declared that the *President and Fellows of Harvard College* in their corporate capacity, and their successors in that capacity, their officers and servants, shall have, hold, use, exercise, and enjoy all the powers, authorities, rights, liberties, privileges, immunities, and franchises which they now have, or are entitled to have, hold, use, exercise, and enjoy; and the same are hereby ratified and confirmed unto them, the said President and Fellows of Harvard College, and to their successors, and to their officers and servants respectively, for ever.

“ART. 2. — And whereas there have been at sundry times, by divers persons, gifts, grants, devises of houses, lands, tenements, goods, chattels, legacies, and conveyances, heretofore made either to Harvard College, in Cambridge, in New England, or to the President and Fellows of Harvard College, or to the said College by some other description, under several charters successively, — It is declared that all the said gifts, grants, devises, legacies, and conveyances are hereby for ever confirmed unto the President and Fellows of Harvard College, and to their successors in the capacity aforesaid, according to the true intent and meaning of the donor or donors, grantor or grantors, deviser or devisors.

“ART. 3. — And whereas, by an Act of the General Court of the Colony of Massachusetts Bay, passed in the year one thousand six hundred and forty-two, the Governor and Deputy-Governor for the time being, and all the magistrates of that jurisdiction, were with the President, and a number of the clergy in the said Act described, constituted the Overseers of Harvard College; and it being necessary, in this new Constitution of govern-



ment, to ascertain who shall be deemed successors to the said Governor, Deputy-Governor, and magistrates, — It is declared that the Governor, Lieutenant-Governor, Council, and Senate of this Commonwealth are and shall be deemed their successors; who with the President of Harvard College for the time being, together with the ministers of the Congregational churches in the towns of Cambridge, Watertown, Charlestown, Boston, Roxbury, and Dorchester, mentioned in the said Act, shall be, and hereby are, vested with all the powers and authority belonging or in any way appertaining to the Overseers of Harvard College. *Provided*, that nothing herein shall be construed to prevent the Legislature of this Commonwealth from making such alterations in the government of the said University as shall be conducive to its advantage, and the interests of the republic of letters, in as full a manner as might have been done by the Legislature of the late Province of the Massachusetts Bay.”

On February 12, 1814, the Senate and House of Representatives of the State of Massachusetts passed the following Act, relating to the Power of the President and Fellows of Harvard College of holding Real Estate: —

“AN ACT

“TO ENLARGE THE POWER OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE OF HOLDING REAL ESTATE.

“*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same:*

That the President and Fellows of Harvard College and their successors in office, be and they are hereby authorized to purchase, accept, take and hold lands, tenements and hereditaments within this Commonwealth to the clear yearly value of twelve thousand dollars, in addition to what they now are by law authorized to hold, and in addition to the public buildings of said University occupied by the students and for other public purposes.”

Passed 12th February, 1814.

The previous limitations on the power of the President and Fellows to accept and hold real estate were removed March 13, 1889, by the following Act of the Senate and House of Representatives of Massachusetts: —

“AN ACT

“TO ENLARGE THE POWER OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE TO HOLD TAXABLE REAL ESTATE.

“*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

SECTION 1. The President and Fellows of Harvard College may accept, take and hold, and may sell at their discretion, unless expressly forbidden

by the terms of gift, any real estate within or without this Commonwealth which has been or may hereafter be given or devised to them for educational purposes; and they may, from time to time, invest any portion of the property held by them, as they may think judicious, in productive real estate within the Commonwealth, and may sell any such estate at their discretion: *provided, however*, that nothing herein contained shall be construed to give the said corporation any claim to greater exemption from taxation than it now has under the constitution and laws of this Commonwealth.

“SECT. 2. This Act shall take effect upon its passage.”

Approved March 13, 1889.

It remains to notice certain changes in the constitution of the Board of Overseers, relating to eligibility to office, mode of appointment or election, and the connection between the College and the Commonwealth.

The first important change occurred in the year 1810. Under the Act of 1642 and the clauses of the State Constitution of 1780, the Board was composed of the Governor, Lieutenant-Governor, Council, and Senate of Massachusetts, and the Congregational ministers of certain specified towns. In the early days of the College this enumeration included almost all the educated men of the Colony; but in the course of time other classes rose to power and influence, and it became desirable that the Overseers should be able to place among their number other persons eminently qualified for such a position, and that the right to a seat at the Board should be no longer incidental and casual, but be made elective and permanent. Many of the members of the Senate also desired to be relieved of their duties towards the College.\* Accordingly in March, 1810, an Act was passed by the State Legislature entitled “An Act to alter and amend the Constitution of the Board of Overseers of Harvard College,” and consisting of six sections. By the first it is enacted that “The Governor, Lieutenant-Governor, Counsellors, President of the Senate, and Speaker of the House of Representatives of the Commonwealth, and the President of Harvard College for the time being, with fifteen ministers of Congregational churches and fifteen laymen, all inhabitants within the State, to be elected as is hereafter mentioned, shall for ever hereafter constitute the Board of Overseers of Harvard College.”

The second and fifth sections provide for the election of the ministers and laymen, the said elections being made by the ballots of the major part of the Overseers present at a legal meeting.

The third section relates to the choice and duties of a Secretary, the time and manner of meeting, and the duty of presiding at the meetings.

\* See Quincy's *History of Harvard University*, ii, 204.

The fourth section specifies when the seat of a minister or of a member shall become vacant, and confers the power of removal from office in certain cases.

The sixth and last section is as follows : —

“ This Act shall be in force when the Overseers of Harvard College, as heretofore constituted, and the President and Fellows of Harvard College, shall agree to accept the provisions in this Act contained.”

The principle that the Commonwealth could not change the constitution of the College, without the consent of the Corporation and Overseers, was thus distinctly recognized; and the chartered rights of the College were respected and maintained, at the same time that a more efficient organization was established for the Board of Overseers.

The provisions of this Act were accepted by the President and Fellows on the 16th of March, 1810; and by the Overseers on the 12th of April, in the same year.

In 1812, the Legislature, in direct opposition to a memorial from the Corporation, and without making any provision for the consent of the Corporation or Overseers, repealed this Act, and restored the former organization of the Board; but in 1814, the Act of 1812 was itself repealed, and that of 1810 re-enacted with the addition that the Senate of the Commonwealth should in future form part of the Board of Overseers. This Act also contained the provision that it should not take effect until it was accepted by the Overseers and by the President and Fellows of Harvard College. The Act was accepted by both Boards in March of the same year.

Until 1834, clergymen, to be eligible to the Board of Overseers, must be Congregationalists; but an Act was passed by the Legislature of that year opening the Board to clergymen of all denominations, — the Act to take effect whenever accepted by both branches of the College government. It was accepted by them in 1843.

Another Act, “ to change the organization of the Board of Overseers,” was passed in 1851. It made the Board to consist of, —

“ The Governor, Lieutenant-Governor, President of the Senate, and Speaker of the House of Representatives of the Commonwealth, the Secretary of the Board of Education, and the President and Treasurer of Harvard College, for the time being, together with thirty other persons, as hereinafter defined and described, and no others.”

The Act also divided the Board into six equal classes, to be elected and to go out of office in rotation, as described in the following sections : —

“ SECT. 3. — The thirty persons, who, in addition to the *ex-officio* members thereof, now constitute the Board of Overseers, shall be divided into three classes of ten each, by lot or otherwise, as they themselves may determine; and the persons of the first class shall go out of office on the day

of the next annual meeting of the General Court, and their places be supplied by joint ballot of the Senators and Representatives of the Commonwealth, assembled in one room; and the persons of the second class shall go out of office on the day of the annual meeting of the General Court, which will be in the year one thousand eight hundred and fifty-three, and their places be supplied in like manner by joint ballot of the Senators and Representatives; and the persons of the third class shall go out of office on the day of the annual meeting of the General Court, which will be in the year one thousand eight hundred and fifty-four, and their places be supplied in like manner by joint ballot of the Senators and Representatives. *Provided* that the persons of each of the said outgoing classes shall continue in office for two months after the day of the said annual meeting of the General Court, unless their successors shall have been sooner chosen by the Senators and Representatives."

"SECT. 4. — When the Board of Overseers shall have been wholly renewed in the manner prescribed in the foregoing section, the members thereof shall be divided into six equal classes, by subdivision of the previous classes into two each, according to lot or otherwise, as the Board may determine, and having regard to seniority of service among the said previous classes in arranging the order of precedence of the new series; and the said six classes shall thereafter go out of office in rotation, and in order of precedence as thus defined, one at each successive annual meeting of the General Court, and their places be supplied by joint ballot of the Senators and Representatives."

"SECT. 7. — No member of the General Court which elects shall be eligible to a place in the said Board of Overseers; and no person shall be re-eligible for more than one term immediately succeeding that for which he shall have been first elected."

This Act was not to go into effect until "the Board of Overseers, as heretofore constituted, and the President and Fellows of Harvard College respectively, at meetings held for that purpose during the present session of the General Court, shall by vote have assented to the same." The two Boards concurred as required.

Meanwhile an opinion was everywhere gaining ground that it would be better for the community and the interests of learning, as well as for the University, if the power to elect the Overseers were transferred from the Legislature to the graduates of the College. A bill to this effect was introduced into the Senate in 1854, which passed through most of the preliminary stages, but failed to be enacted; partly, as it was thought at the time, from the pressure of business at the close of the session. The purpose was finally carried out in 1865, by the passage of the following Act in relation to the Board of Overseers of Harvard College: —

## "AN ACT

## "IN RELATION TO THE BOARD OF OVERSEERS OF HARVARD COLLEGE.

"SECTION 1. — The places of the successive classes in the Board of Overseers of Harvard College, and the vacancies in such classes, shall hereafter be annually supplied by ballot of such persons as have received from the College a degree of Bachelor of Arts, or Master of Arts, or any honorary degree, voting on Commencement Day in the city of Cambridge: such election to be first held in the year eighteen hundred and sixty-six; *provided, however*, that no member of the Corporation, and no officer of government or instruction in said College, shall be eligible as an Overseer, or entitled to vote in the election of Overseers; and *provided, further*, that no person who has received from said College the degree of Bachelor of Arts shall be entitled to vote for Overseers before the fifth annual election after the graduation of his class.

"SECT. 2. — The Board of Overseers shall annually appoint one principal and two or more assistant-inspectors of polls, who shall, on Commencement Day, from the hour of ten in the forenoon to the hour of four in the afternoon, at some place in said city of Cambridge, fixed by said Board, receive the votes for Overseers, and they shall sort and count such votes, and make public declaration thereof, after the closing of the polls; and said inspectors shall be provided with a complete list of the persons qualified to vote at such election, and no person shall vote until the inspectors find and check his name upon such list. The names of the persons voted for, the number of votes received for each person, and the vacancy or place in said Board for which he is proposed, shall be entered in words at length, by said inspectors, upon a record kept by them for that purpose, which shall, after such election, be forthwith made up, signed, and delivered by them to the Board of Overseers. The persons who shall receive the highest number of votes for the places or vacancies in said Board shall, to the number of Overseers to be elected, be deemed and shall be declared by said Board elected to be members thereof.

"SECT. 3. — The Board of Overseers shall give notice of the place of the polls, the hours during which they are open, and the number of Overseers to be elected, by publishing the same at least ten days before Commencement Day in some newspaper printed in the city of Boston.

"SECT. 4. — The terms of office of the existing classes of Overseers are extended to the close of Commencement Day of the year in which such terms severally expire; the terms of office of the classes hereafter elected shall successively expire at the close of Commencement Day each year in their order; and the persons elected Overseers on any Commencement Day shall supply the places of the class of Overseers which goes out of office at the close of that day, and the vacancies then existing in said Board.

“SECT. 5.—Whenever there shall be a failure on Commencement Day to supply any places or vacancies in the Board of Overseers, the same may be filled by vote of the remaining Overseers; and any person elected to fill a vacancy shall be deemed to be a member of and to go out of office with the class to which his predecessor belonged.

“SECT. 6.—The Governor, Lieutenant-Governor, President of the Senate, Speaker of the House of Representatives, and Secretary of the Board of Education shall not be *ex-officio* members of the Board of Overseers of Harvard College after this Act shall be in force.

“SECT. 7.—This Act shall be in force when the Board of Overseers and the President and Fellows of Harvard College, respectively, at meetings held for that purpose, shall by vote have assented to the same.

“SECT. 8.—This Act shall not be construed as in the nature of a contract or a charter, but may at any time be repealed at the pleasure of the Legislature.” [April 28, 1865.]

This Act, having been duly assented to by the Overseers on the 21st of September, 1865, and by the President and Fellows on the 15th of December of the same year, is now the law.

In the Act of 1810 it is specified that the members of the Board of Overseers shall be “all inhabitants within the State.” This restriction was removed by the following Act in 1880:—

“AN ACT

“TO PROVIDE FOR THE ELIGIBILITY OF PERSONS NOT INHABITANTS OF THIS COMMONWEALTH AS OVERSEERS OF HARVARD COLLEGE.

“SECTION 1.—Persons not inhabitants of this Commonwealth and otherwise qualified shall be eligible as Overseers of Harvard College.

“SECT. 2.—This Act shall take effect on its acceptance by the President and Fellows and by the Board of Overseers of Harvard College, respectively, at meetings held for that purpose.” [March 5, 1880.]

This Act was accepted by the President and Fellows on May 31, 1880, and by the Overseers on June 2, 1880.

The method of election of Overseers of Harvard College, described in Section 2 of the Act of 1865, was amended by the following Act in 1889:—

“AN ACT

“TO AMEND CHAPTER 173 OF THE ACTS OF THE YEAR 1865 IN RELATION TO THE BOARD OF OVERSEERS OF HARVARD COLLEGE.

“*Be it enacted, etc., as follows:*

“SECTION 1. Section 2 of Chapter 173 of the Acts of the year 1865 is amended by striking out all of said section after the word “list” in the

eleventh line thereof, and by inserting in place thereof the following: The names of the persons voted for, and the number of votes received for each person, shall be entered in words at length by said inspectors upon a record kept by them for that purpose, which shall, after such election, be forthwith made up, signed and delivered by them to the Board of Overseers. The persons who shall receive the highest number of votes for the places in said board shall, to the number of overseers to be elected, be deemed and declared by said board elected to be members thereof for the following terms, to wit: The five persons receiving the highest number of votes shall be declared elected to the class having the longest term, and in case any vacancy or vacancies exist in any other class or classes, the person voted for shall be declared elected to such vacancy or vacancies according to the number of votes received by them, the person or persons receiving the next highest number of votes being declared elected to the class having the next longest term to run, and so on in order for other vacancies. In case, by reason of a tie, it should be uncertain to which class any person shall be declared elected, the Board of Overseers shall by vote determine to which classes the persons receiving the same number of votes shall be assigned."

"SECT. 2. This Act shall take effect upon its passage."

This Act was approved March 19, 1889.

## STATUTES.

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1. **THE UNIVERSITY.** Harvard University comprehends the following departments: Harvard College, the Lawrence Scientific School, the Graduate School, the Divinity School, the Law School, the Medical School, the Dental School, the School of Veterinary Medicine, the Bussey Institution (a School of Agriculture), the Arnold Arboretum, the University Library, the Museum of Comparative Zoölogy, the Peabody Museum of American Archaeology and Ethnology, the University Museum, the Botanic Garden, the Gray Herbarium, and the Astronomical Observatory.

2. **PRESIDENT.** It is the duty of the President of the University to call meetings of the Corporation, and preside at the same; to act as the ordinary medium of communication between the Corporation and the Overseers, and between the Corporation and the Faculties; to make an annual report to the Overseers on the general condition of the University; to preside on public academic days; to preside over the several Faculties; to direct the official correspondence of the University; to acquaint himself with the state, interests, and wants of the whole institution; and to exercise a general superintendence over all its concerns. For the better discharge of these duties, he must live in Cambridge.

3. **TREASURER.** The Treasurer has the custody of all the property of the University. He is required to submit his accounts, and all evidences of the property under his charge, to the committees of inspection appointed by the Corporation and Overseers severally, and to make annually to the Overseers a statement of the receipts and expenditures of the University.

The Treasurer of the College may from time to time, and for periods of time while he holds the office, nominate a Deputy Treasurer, who, if appointed by the Corporation, and confirmed by the Overseers, shall have such of the powers and perform such of the duties of the Treasurer as the Corporation shall think fit, except the powers and duties of the Treasurer as a member of the Corporation, and of the Board of Overseers. A Deputy Treasurer shall receive such portion of the Treasurer's salary as the Corporation shall approve, and the Treasurer and Deputy Treasurer shall give to the Corporation their joint and several bond in the sum of one hundred thousand dollars for the faithful performance of his duties by the Deputy Treasurer.



The Bursar and the Superintendent of Buildings are under the direction of the Treasurer, and are his agents in Cambridge.

All officers who are intrusted with property belonging to the University are required to keep inventories of the same, which are subject to the inspection of the Treasurer; and to have all such property designated as University property by suitable marks.

4. **TENURES OF OFFICE.** In all departments of the University, professorships are held without express limitation of time. Assistant professorships are held for five years, and tutorships for not more than three years. At the end of the term of an Assistant Professor or Tutor, his connection with the University ceases, unless he be reappointed. Lecturers are appointed for not more than one year. Instructors are appointed for such terms as convenience may require. Tutors and Instructors are responsible, in regard to their subjects and methods of teaching, to the Professors in their respective branches of study. Proctors are appointed for not more than one year, to assist the Faculties in the conduct of examinations, and in the preservation of order and decorum within the University precincts. All officers of instruction and government are subject to removal for inadequate performance of duty, or for misconduct.

5. **UNIVERSITY COUNCIL.** The University Council consists of the President, Professors, and Assistant Professors of the University and such other University officials as the Corporation with the consent of the Overseers may appoint members of the Council. It is the function of the Council to consider questions which concern more than one Faculty, and questions of University policy.

6. **FACULTIES.** Harvard College, the Lawrence Scientific School, and the Graduate School are together under the immediate charge of a Faculty, — the Faculty of Arts and Sciences. The other Schools of the University are each under the immediate charge of a Faculty. Each Faculty is composed of all the Professors, Assistant Professors, and Tutors, and of all the Instructors appointed for a term longer than one year, who teach in the department or departments under the charge of that Faculty. The President is a member of each Faculty.

A Faculty may, at its discretion, delegate any of its powers relating to ordinary matters of administration and discipline, except the power to inflict the penalties of dismissal and expulsion, to Administrative Boards, nominated from among its members by the President, and appointed by the Corporation with the consent of the Overseers. Every such Board shall be subject to the authority of the Faculty from which it is appointed. Any Administrative Board established for Harvard College shall consist of not less than fifteen members.

7. **DEANS.** Each Faculty has a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty. Harvard College, the Lawrence Scientific School, and the Graduate School also have each a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty of Arts and Sciences. Each Dean is the chief executive officer of his Faculty, College, or School, is responsible for the proper preparation and conduct of its business, and makes an annual report to the President.

8. **ACADEMIC YEAR.** The Academic Year begins on the Thursday following the last Wednesday in September. The annual Commencement is held on the last Wednesday in June. The vacation begins at Commencement and ends on the last Wednesday in September. The Christmas recess begins on the 23d of December, and ends on the 2d of January. The Spring recess begins on the Sunday next preceding the 19th of April, or on Sunday the 19th of April when that day falls on Sunday, and ends on the following Saturday, both days inclusive. The twenty-second day of February, the thirtieth day of May, and Thanksgiving day are holidays.

9. **DEGREES.** The ordinary degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Civil Engineer, Doctor of Philosophy, Doctor of Science, Bachelor of Divinity, Bachelor of Laws, Doctor of Medicine, Doctor of Dental Medicine, Doctor of Veterinary Medicine, and Bachelor of Agricultural Science are conferred, after recommendation by the several Faculties, by vote of the Corporation, with the consent of the Overseers. It is required that no candidate for the ordinary degrees be recommended, except after thorough public examination, and a residence at the University of at least one year. There are four grades of the degree of Bachelor of Arts and of the degree of Bachelor of Science, and two grades of the degree of Bachelor of Laws and of the degree of Doctor of Medicine. Honorary degrees are conferred by vote of the Corporation, with the consent of the Overseers. The degrees conferred by the University are announced at Commencement.

10. **STUDENTS NOT CANDIDATES FOR A DEGREE.** Persons who are not candidates for a degree may be admitted to any of the courses of instruction given in the University, provided that they satisfy the appropriate Faculty of their fitness to pursue the particular courses which they elect. The several Faculties have the right to deprive any such student of his privileges, if he abuse or fail to use them.

11. **BONDS AND REGISTRATION.** Every student must, on his admission to any department of the University, give a bond to the Treasurer or the Bursar, in such a sum as shall from time to time be determined by the Corporation, for the payment of his dues to the University; or he must

make payment in advance, or secure payment by a deposit. He must then enter his name, and such other particulars as may be required by the several Faculties, respectively, with the Dean of his Faculty.

12. **DISCIPLINE.** The several Faculties have authority to impose fines and levy assessments for damage done to property; to inflict, at their discretion, the penalties of admonition, suspension, dismissal, and expulsion; and to use all other appropriate means of discipline; but no student shall be dismissed or expelled from the University except by a vote of at least two thirds of the members of his Faculty present and voting thereon. Suspension is a separation from the University for a fixed period of time. It may be accompanied with a requirement of residence in a specified place, and of the performance of specified tasks. Dismissal closes a student's connection with the University, without necessarily precluding his return. Expulsion is the highest academic censure, and is a final separation from the University.

13. **PARIETAL BOARD.** The proctors and the officers of instruction who reside in University buildings, or in buildings to which the superintendence of the University extends, constitute the Parietal Board. It is their duty, under the direction of the Regent, to prevent offences against order and decorum within the University precincts, and to assist the Regent in his supervision of the buildings in which they live.

14. **REGENT.** The Regent is a University officer who exercises a general supervision over the conduct and welfare of the students. It is his duty to direct the proctors who reside in University buildings, or in buildings to which the superintendence of the University extends. He is expected to inform himself of the condition and management of all buildings in which five or more students are lodged, or in which students' societies meet. He is also expected to inform himself fully about all students' societies and clubs, and to enforce the responsibility of the officers and members thereof for their proceedings.

15. **UNIVERSITY PREACHERS.** Five preachers to the University are annually appointed by the President and Fellows, with the consent of the Board of Overseers, who, in conjunction with the Plummer Professor of Christian Morals, arrange and conduct the religious services of the University.

16. **RELIGIOUS SERVICES.** Daily prayers are held in the Chapel during term time.

Seats are provided, at the expense of the College, for all students who attend the Sunday services of the several religious denominations having established places of worship in the immediate vicinity of the College.

17. **DIVINITY SCHOOL.** No assent to the peculiar doctrines or practices of any denomination of Christians is required of instructors or students in the Divinity School.

18. **LIBRARY.** The Library in Gore Hall is for the use of the whole University. Its privileges are also granted, under special regulations, to persons not connected with the University.

The Librarian and the Assistant Librarians are chosen in the same manner as officers of instruction and government, and are under the same liability to removal.

The Librarian has the care and custody of the Library. It is his duty to superintend its internal administration, enforce the rules, and conduct the correspondence; and to make annually a written report on the condition of the Library to the Library Committee of the Overseers and to the President.

19. **COUNCIL OF THE LIBRARY.** The general control and oversight of the Library is committed to the Council of the Library, consisting of the President, the Librarian, and six other persons, who are appointed by the Corporation, with the consent of the Overseers, for the term of three years. Any vacancy occurring in the Council is filled in the same manner for the unexpired portion of the term.

It is the duty of the Council to make rules for the administration of the Library; to direct the purchase of books, to the extent of the funds applicable for that purpose; and to visit and inspect the Theological, Law, Medical, and other special libraries.

20. **APPOINTMENT OF OFFICERS WITH THE CONSENT OF THE OVERSEERS.** The following officers are appointed by the Corporation with the consent of the Overseers: President, Treasurer, and Fellows; Deputy Treasurer; Professors; Professors Emeriti; Associate Professors; Assistant Professors; Preachers to the University; Deans; Tutors, Instructors, and Demonstrators for terms exceeding one year, and all other officers of instruction for terms exceeding one year; Regent; Secretary of the University; Members of the Administrative Boards; Members of the University Council, other than the President, Professors, and Assistant Professors; Members of the Council of the Library, other than the President and Librarian; Director of the Observatory; Director of the Botanic Garden; Director of the Arnold Arboretum; Director of the Chemical Laboratory; Director of the Jefferson Physical Laboratory; Director of the Museum of Comparative Zoology; Director of the Hemenway Gymnasium; Librarian (College); Librarian of the Divinity School; Librarian of the Law School; Medical Visitor; Trustees of the Museum of Fine Arts.

## COMMITTEES APPOINTED BY THE BOARD OF OVERSEERS.

1898

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ON ELECTIONS. — Moorfield Storey, Edmund Wetmore, Robert M. Morse, George F. Hoar, James J. Storrow.

ON REPORTS AND RESOLUTIONS. — Moses Williams, Francis Rawle, Augustus Hemenway, Arthur T. Lyman, Edwin P. Seaver, William A. Bancroft, Charles F. Adams.

### ON DEPARTMENTS : —

*To visit the Divinity School.* — Arthur T. Lyman, William Lawrence, George A. Gordon, Francis B. Hornbrook, Alexander McKenzie, Charles F. Dole, Archibald M. Howe, Bradley Gilman, George Batchelor.

*To visit the Law School.* — Charles J. Bonaparte, Charles C. Beaman, James C. Carter, Robert M. Morse, Robert Grant, James J. Storrow, Louis D. Brandeis, Joseph B. Warner, Henry W. Putnam.

*To visit the Medical and Dental Schools.* — George B. Shattuck, Samuel A. Green, Charles F. Folsom, David W. Cheever, Henry F. Sears, Morrill Wyman, John S. Billings, William Sturgis Bigelow, Henry H. Sprague.

*To visit the Veterinary School.* — George G. Crocker, Augustus Hemenway, Albert S. Bigelow, Lamont G. Burnham, George G. Kennedy, Samuel A. Hopkins, J. Arthur Beebe, E. Pierson Beebe, Edwin D. Morgan, Wallace L. Pierce, John E. Thayer, Robert M. Burnett.

*To visit the Bussey Institution.* — Francis H. Appleton, Augustus Hemenway, Francis Shaw, Nathaniel I. Bowditch, C. Minot Weld, Lawrence Brooks.

*To visit the Library.* — George E. Adams, Samuel A. Green, Charles F. Adams, Stephen Salisbury, Charles C. Smith, Julius Dexter, Elihu Chauncey, Herbert Putnam.

*To visit the Observatory.* — T. Jefferson Coolidge, Edwin P. Seaver, Charles R. Codman, Simon Newcomb, John C. Palfrey, Robert Treat Paine, Charles F. Choate, Frederick O. Prince, Francis H. Peabody, Charles P. Bowditch, George I. Alden, Joseph E. Davis.

*To visit the Botanic Garden and Botanical Museum.* — Henry Lee, Hollis H. Hunnewell, Augustus Lowell, John L. Gardner, David Pingree, George A. Nickerson.

*To visit the Gray Herbarium.* — Francis L. Higginson, Francis H. Peabody, Charles F. Sprague, George G. Kennedy, Nathaniel T. Kidder, Eugene Van R. Thayer, Emile F. Williams, Edwin H. Abbott, Walter Deane.

*To visit the Museum of Comparative Zoölogy.* — Charles F. Folsom, Theodore Roosevelt, Francis L. Higginson, Abbott Lawrence Lowell, Louis Cabot, Dudley L. Pickman, William Brewster.

*To visit the Peabody Museum.* — Augustus Hemenway, Francis L. Higginson, Charles P. Bowditch, Henry W. Haynes, Jesse W. Fewkes, Clarence J. Blake, George A. Nickerson, S. Van Rensselaer Thayer.

*To visit the Arnold Arboretum.* — Thomas L. Livermore, Stephen M. Weld, Walter Hunnewell, George W. Vanderbilt, Henry G. Russell, Morris K. Jessup, Charles F. Sprague.

*To visit the Lawrence Scientific School.* — Robert S. Peabody, Morrill Wyman, Eliot C. Clarke, Erasmus D. Leavitt, John Lawrence, Abbott Lawrence Rotch, Charles H. Manning.

*To visit the Physical Laboratory and Department of Physics.* — Francis Blake, Edmund Wetmore, T. Jefferson Coolidge, Elihu Thomson, Erasmus D. Leavitt, Frederick P. Fish.

*To visit the Chemical Laboratory.* — Stephen M. Weld, Wolcott Gibbs, Nathaniel Thayer, Edward D. Pearce, Alexander Cochrane, Samuel Cabot, Edward R. Squibb.

ON PHYSICAL TRAINING, ATHLETIC SPORTS, AND SANITARY CONDITION OF ALL BUILDINGS. — Augustus Hemenway, Robert Bacon, Theodore Roosevelt, Charles F. Adams, 2d, George W. Weld, Robert F. Clark, Edwin Farnham, Maurice H. Richardson, William Hooper, Clarence J. Blake, Henry W. Putnam.

ON THE ADMINISTRATION OF THE UNIVERSITY CHAPEL. — Arthur T. Lyman, William Lawrence, George A. Gordon, Frank H. Johnson, Howard N. Brown, S. McChord Crothers, E. Winchester Donald, George Wigglesworth.

ON THE TREASURER'S ACCOUNTS. — Moses Williams, Robert Bacon, Francis L. Higginson, T. Jefferson Coolidge, Charles H. Parker, Israel M. Spelman, Jacob C. Rogers, John L. Gardner.

FOR THE COLLEGE:—

*On Government.* — William A. Bancroft, Stephen M. Weld, Moorfield Storey, Robert Grant, David W. Cheever, Charles R. Codman, Gardiner M. Lane.

## FOR THE COURSES OF INSTRUCTION:—

*On the Semitic Languages.*—Jacob H. Schiff, Stephen Salisbury, George Wigglesworth, Isidor Straus.

*On the Indo-Iranian Languages.*—Edward J. Young, George F. Moore, Edward W. Hopkins, A. V. Williams Jackson.

*On the Classics.*—Gardiner M. Lane, Prentiss Cummings, Henry W. Haynes, Edmund L. Baylies, Edwin H. Abbott, Babson S. Ladd.

*On English Literature.*—Horace E. Scudder, Robert Grant, Henry A. Clapp, Charles E. L. Wingate, T. Wentworth Higginson.

*On Composition and Rhetoric.*—Charles F. Adams, Edwin L. Godkin, George R. Nutter.

*On German.*—Carl Schurz, Charles E. Grinnell, Henry W. Putnam, Denman Ross.

*On French.*—T. Jefferson Coolidge, J. Templeman Coolidge, Jr., Nathan Appleton.

*On Italian.*—William R. Thayer, T. Wentworth Higginson, William C. Lane.

*On Spanish.*—George B. Shattuck, J. Randolph Coolidge, Stephen Salisbury.

*On Romance Philology.*—Henry R. Lang, Justin H. Smith, Henry Alfred Todd.

*On Philosophy.*—George B. Dorr, William Sturgis Bigelow, Richard H. Dana, Joseph B. Warner.

*On Political Economy.*—Arthur T. Lyman, Henry Lee, T. Jefferson Coolidge, John L. Gardner, Howard Stockton.

*On Ancient History, Mediaeval History, and Roman Law.*—Henry H. Sprague, Roger F. Sturgis, Arthur P. Stone.

*On Modern History and International Law.*—Moorfield Storey, William F. Wharton, James S. Russell, A. Lawrence Lowell, William G. Peckham.

*On Fine Arts.*—Robert S. Peabody, James A. Garland, Edmund M. Wheelwright, Frederick P. Vinton, Samuel D. Warren, Edward Robinson.

*On Music.*—Horatio A. Lamb, John Fiske, Arthur Foote.

*On Mathematics.*—George V. Leverett, Seth C. Chandler, Percival Lowell.

*On Botany.*—Walter Hunnewell, Nathaniel C. Nash, Charles E. Faxon, Henry Champion Jones.

*On Zoölogy.*—Clarence J. Blake, Edward G. Gardiner, William Brewster.

*On Geology.*—Charles Fairchild, George P. Gardner, Raphael Pumpelly.

# DEPARTMENTS

UNDER THE CHARGE OF THE

## FACULTY OF ARTS AND SCIENCES

NAMELY

### HARVARD COLLEGE THE LAWRENCE SCIENTIFIC SCHOOL THE GRADUATE SCHOOL

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HARVARD COLLEGE, from its foundation in 1636 until the establishment of professorships in Medicine in 1782, comprised the whole of the institution now called Harvard University. It conferred the degrees of Bachelor and Master of Arts. The term University was applied to it in 1780, in the Constitution of the Commonwealth of Massachusetts; and this designation acquired a wide currency and official sanction. Harvard College is now, by the Statutes, the name of a single department of Harvard University. But the whole University is governed by the President and Fellows and the Board of Overseers of Harvard College. Students in Harvard College may attain the degree of Bachelor of Arts.

The SCIENTIFIC SCHOOL was instituted by the Corporation and Overseers of Harvard College in February 1847. It took its present name—LAWRENCE SCIENTIFIC SCHOOL—at the following Commencement, in recognition of a gift of fifty thousand dollars from the Hon. Abbott Lawrence, of Boston. It was opened to students in February 1848. It was at first announced as an advanced school in Science and Literature, for graduates and other sufficiently qualified persons, of not less than eighteen years of age, and was, therefore, in its origin, a forerunner of the Graduate School. Most of its early students were college graduates or men of mature age who came to the School for the professional study of a special subject. The instruction originally proposed in Literature was, however, never organized. It is now a school which receives suitably prepared graduates of secondary schools, as well as older students, and offers chiefly training in the various branches of natural and applied science. Its students may attain the degree of Bachelor of Science.



The GRADUATE SCHOOL has come into existence as a result of action taken in January 1872 by the Corporation and Overseers of Harvard College, in the establishment of higher degrees in Arts, Science, and Philosophy, to follow upon the degrees of Bachelor of Arts and Bachelor of Science, and has had for its object the development of instruction suited to the needs of persons qualifying themselves for such higher degrees, or otherwise engaged in advanced study. Until 1890, it had little formal organization, and was known as the Graduate Department. In 1890, it was more solidly established under the name of the Graduate School. Many students come to the Graduate School for the sake of instruction only, and do not apply for a degree. Students in the School may attain the degree of Bachelor of Arts, Master of Arts, Master of Science, Doctor of Philosophy, or Doctor of Science, on satisfying the conditions of admission to candidacy, and fulfilling the requirements for the degree, in each case.

The FACULTY OF ARTS AND SCIENCES was instituted in 1890, and is invested by the Statutes of the University with the immediate charge of Harvard College, the Lawrence Scientific School, and the Graduate School, which were, before that date, under the government of the College Faculty, the Scientific Faculty, and the Academic Council, respectively.

For each of these three departments, there is an Administrative Board, which is appointed from among the members of the Faculty of Arts and Sciences, and is subject to the authority of that Faculty. All powers relating to ordinary matters of administration and discipline, except the power to inflict the penalties of dismissal and expulsion, are delegated by the Faculty to the Administrative Boards.

The Faculty of Arts and Sciences exercises directly, for the three departments of the University under its charge, all powers not delegated by it to the Administrative Boards or to Standing Committees; including those of instituting requirements for admission and for the several degrees, of laying out courses of instruction and establishing regulations concerning the choice of studies, of framing rules of discipline, of making recommendations for degrees to the President and Fellows of Harvard College, of administering prizes, and of making nominations for fellowships and scholarships.

The degrees under the charge of the Faculty of Arts and Sciences are the ordinary degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Doctor of Philosophy, and Doctor of Science.

# THE FACULTY OF ARTS AND SCIENCES WITH ITS COMMITTEES AND BOARDS.

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## FACULTY OF ARTS AND SCIENCES.

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WILLIAM JAMES, M.D., PH. et LITT.D., *Professor of Philosophy.*  
CHARLES LORING JACKSON, A.M., *Professor of Chemistry.*

- FRÉDÉRIC CÉSAR DE SUMICHRAST, *Assistant Professor of French.*  
JOHN WILLIAMS WHITE, PH.D., LL.D., *Professor of Greek.*  
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EDWARD LAURENS MARK, PH.D., LL.D., *Professor of Anatomy.*  
EDWARD STEVENS SHELDON, A.B., *Professor of Romance Philology.*  
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CHARLES GROSS, PH.D., *Assistant Professor of History.*  
PAUL HENRY HANUS, S.B., *Assistant Professor of the History and Art of Teaching.*  
IRA NELSON HOLLIS, *Professor of Engineering.*  
HUGO KARL SCHILLING, PH.D., *Assistant Professor of German.*  
FRANK WILLIAM TAUSSIG, PH.D., LL.B., *Professor of Political Economy.*  
JOHN ELIOT WOLFF, PH.D., *Professor of Petrography and Mineralogy, and Curator of the Mineralogical Museum.*  
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- HERBERT LANGFORD WARREN, *Assistant Professor of Architecture.*  
 WILLIAM JAMES ASHLEY, A.M., *Professor of Economic History.*  
 MORRIS HICKY MORGAN, PH.D., LL.D., *Assistant Professor of Latin.*  
 JOSEPH HENRY BEALE, JR., A.M., LL.B., *Professor of Law.*  
 CHARLES TOWNSEND COPELAND, A.B., *Instructor in English, and  
 Lecturer on English Literature.*  
 ALBERT ANDREW HOWARD, PH.D., *Assistant Professor of Latin.*  
 GEORGE LYMAN KITTREDGE, A.B., *Professor of English.*  
 ROLAND THAXTER, PH.D., *Assistant Professor of Cryptogamic Botany.*  
 EDWARD CUMMINGS, A.M., *Assistant Professor of Sociology.*  
 CHARLES HALL GRANDGENT, A.B., *Professor of Romance Languages.*  
 ARTHUR RICHMOND MARSH, A.B., *Assistant Professor of Comparative  
 Literature.*  
 HUGO MÜNSTERBERG, PH.D., M.D., *Professor of Psychology.*  
 HENRY LLOYD SMYTH, A.B., C.E., *Assistant Professor of Mining.*  
 HEINRICH CONRAD BIERWIRTH, PH.D., *Instructor in German.*  
 LEWIS EDWARDS GATES, A.B., *Assistant Professor of English.*  
 ROBERT TRACY JACKSON, S.D., *Instructor in Palaeontology.*  
 JAMES LEE LOVE, A.M., *Instructor in Mathematics.*  
 MAX POLL, PH.D., *Instructor in German.*  
 JOSEPH TORREY, JR., PH.D., *Instructor in Chemistry.*  
 JOHN HAYS GARDINER, A.B., *Instructor in English.*  
 JOHN WINTHROP PLATNER, A.B., *Assistant Professor of Ecclesiastical  
 History.*  
 WILLIAM FOGG OSGOOD, PH.D., *Assistant Professor of Mathematics.*  
 THEODORE WILLIAM RICHARDS, PH.D., *Assistant Professor of Chemistry.*  
 WALLACE CLEMENT SABINE, A.M., *Assistant Professor of Physics.*  
 GEORGE SANTAYANA, PH.D., *Instructor in Philosophy.*  
 GEORGE PIERCE BAKER, A.B., *Assistant Professor of English.*  
 ARCHIBALD CARY COOLIDGE, PH.D., *Instructor in History.*  
 GEORGE WELLS FITZ, M.D., *Assistant Professor of Physiology and  
 Hygiene, and Medical Visitor.*  
 JEFFERSON BUTLER FLETCHER, A.M., *Instructor in English.*  
 BYRON SATTERLEE HURLBUT, A.M., *Instructor in English, and  
 Recording Secretary.*  
 LEWIS JEROME JOHNSON, A.B., C.E., *Assistant Professor of Civil  
 Engineering.*  
 GEORGE HOWARD PARKER, S.D., *Instructor in Zoölogy.*  
 MAXIME BÔCHER, PH.D., *Assistant Professor of Mathematics.*  
 WALTER SAFFORD BURKE, *Instructor in Mechanical Engineering.*  
 RICHARD CLARKE MANNING, JR., PH.D., *Tutor in Latin.*  
 FRANK BEVERLY WILLIAMS, A.M., LL.B., *Assistant Professor of Law.*  
 CHARLES BENEDICT DAVENPORT, PH.D., *Instructor in Zoölogy.*

ALFRED COPE GARRETT, PH.D., *Instructor in English.*

JAMES HARDY ROPES, A.B., *Instructor in New Testament Criticism and Interpretation.*

ROBERT DECOURCY WARD, A.M., *Instructor in Climatology.*

CHARLES BURTON GULICK, PH.D., *Instructor in Greek.*

COMFORT AVERY ADAMS, JR., S.B., *Assistant Professor of Electrical Engineering.*

FRED NORRIS ROBINSON, PH.D., *Instructor in English.*

DANIEL LAWRENCE TURNER, C.E., *Instructor in Surveying and Hydraulics.*

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Professors SMITH and SHELDON and Assistant Professors HANUS, SCHILLING, and THAXTER have leave of absence from the University for the academic year 1897-98.

See pages 16-21 for the names of Lecturers, Instructors, and Assistants, associated with the Faculty of Arts and Science.

## DIVISIONS AND DEPARTMENTS.

- I. SEMITIC LANGUAGES AND HISTORY. Professor Lyon, chairman.
- II. ANCIENT LANGUAGES. Professor Goodwin, chairman.
- Departments:
- A. *Indo-Iranian Languages*. Professor Lanman, chairman.
- B. *The Classics (Greek, Latin)*. Professor White, chairman.
- III. MODERN LANGUAGES. Professor Kittredge, chairman.
- Departments:
- A. *English*. Asst. Professor Wendell, chairman.
- B. *Germanic Languages and Literatures*. Professor Francke, chairman.
- C. *French*. Asst. Professor de Sumichrast, chairman.
- D. *Italian and Spanish*. Asst. Professor Marsh, chairman.
- E. *Germanic and Romance Philology*. Asst. Professor von Jagemann, chairman.
- IV. HISTORY AND POLITICAL SCIENCE. Professor Taussig, chairman.
- Departments:
- A. *History and Government*. Asst. Professor Gross, chairman.
- B. *Political Economy*. Professor Ashley, chairman.
- V. PHILOSOPHY. Professor Royce, chairman.
- VI. FINE ARTS. Professor Moore, chairman.
- VII. MUSIC. Professor Paine, chairman.
- VIII. MATHEMATICS. Professor Byerly, chairman.
- IX. ENGINEERING. Professor Hollis, chairman.
- X. PHYSICS. Professor Hall, chairman.
- XI. CHEMISTRY. Professor Jackson, chairman.
- XII. BIOLOGY. Professor Farlow, chairman.
- Departments:
- A. *Botany*. Professor Goodale, chairman.
- B. *Zoölogy*. Professor Mark, chairman.
- XIII. GEOLOGY. Professor Shaler, chairman.
- Departments:
- A. *Geology and Geography*. Professor Davis, chairman.
- B. *Mineralogy and Petrography*. Professor Wolff, chairman.
- XIV. AMERICAN ARCHAEOLOGY AND ETHNOLOGY. Professor Putnam, chairman.

In each of the twelve Divisions, a Division Committee, consisting of all the regular teachers in the Division who are members of the Faculty, is appointed. But, in any Division which is composed of Departments, the Division Committee may, at its discretion, divide itself into Department Committees; may transfer to the Department Committees any part or the whole of the ordinary administration of their respective Departments, as defined below; and may empower the Department Committees to report directly to the Faculty.

The ordinary administration of a Division or Department includes: the proposal of courses of instruction to the Committee on Instruction; the examination of candidates for Second-Year Honors, if such honors are offered, and the nomination of students to the Faculty for Second-Year Honors; the preparation of papers for the admission examinations, when required; the care of departmental libraries; the supervision of departmental publications, when specially referred to the Division or Department; the arrangement and regulation (when combined action seems desirable) of seminaries, conferences, clubs, reading-courses, lectures, and the like; the supervision of holders of fellowships, pursuing studies in Cambridge or elsewhere; and the general promotion and usefulness of the Division or Department.

In each of the twelve Divisions in which either Final (Baccalaureate) Honors or the degree of Doctor of Philosophy or the degree of Doctor of Science may be attained, the Division Committee, with such additional members as may be appointed, is organized as the *Committee on Honors and Higher Degrees* in that Division, and has charge (under the regulations of the Faculty) of fixing the requirements, examining candidates, and making nominations, for Final Honors and for the degrees of Ph.D. and S.D., and in special cases for that of A.M. But the Department Committee for the Department of English has the charge of Honors in English, and for this purpose has the organization and duties of a Committee on Honors.

Every Committee on Honors and Higher Degrees must consist of at least five members; and may include, besides the members of the Division Committee, not more than two members of the Faculty who are not teachers in the Division, and also not more than two persons who are not members of the Faculty; the additional members selected to be approved, before their appointment, by the Division Committee.

Every Committee on Honors and Higher Degrees acts without division into Departments. It may delegate the actual minute examination of candidates and theses to special sub-committees, for which it may obtain the services of any suitable persons, whether members of the Faculty or not; but the Committee is held responsible for all nominations for Honors and Degrees.

Every student who means to be a candidate for the degree of Ph.D. or S.D. must carry on his studies with the approval and under the direction of the Committee on Honors and Higher Degrees in the Division to which his studies belong.

## STANDING COMMITTEES.

ADMISSION EXAMINATIONS.—Professors Briggs (*Chairman*), de Sumichrast, Gross, Schilling, Morgan, Howard, Osgood, Sabine; Messrs. Torrey, Hurlbut, Gulick.

ADMISSION FROM OTHER COLLEGES.—Professors von Jagemann (*Chairman*), Wendell, Wolff, Marsh, M. Bôcher.

ADMISSION FROM OTHER SCIENTIFIC SCHOOLS.—Professors Shaler (*Chairman*), Hanus, Hollis.

OPENING OF THE COLLEGE YEAR.—Professor Morgan (*Chairman*); Messrs. Torrey, Hurlbut.

RECEPTION OF STUDENTS.—Professors Shaler (*Chairman*), de Sumichrast, Peabody, Cummings, Williams; Messrs. Coolidge, Ropes.

INSTRUCTION.—Professors J. M. Peirce (*Chairman*), A. S. Hill, Shaler, Bartlett, James, Jackson, Mark, Wright, Hall, Gross, Taussig.

STUDIES OF THE SCIENTIFIC SCHOOL.—Professors Shaler (*Chairman*), H. B. Hill, Mark, B. O. Peirce, Hollis, Fitz; Mr. Hurlbut.

SUMMER COURSES OF INSTRUCTION.—See page 382.

SCHOLARSHIPS AND OTHER AIDS FOR UNDERGRADUATES.—Professors Briggs (*Chairman*), Howard; Messrs. Nichols, Coolidge, Hurlbut.

FELLOWSHIPS AND OTHER AIDS FOR GRADUATE STUDENTS.—Professors J. M. Peirce (*Chairman*), Farlow, Emerton, Wright, Hall, Royce, Wolff, Kittredge, Cummings.

COMMENCEMENT PARTS.—Professors A. S. Hill (*Chairman*), Everett, Wright, Mark, Taussig, Beale, Marsh.

TABULAR VIEW.—Professors Macvane (*Chairman*), Sabine, Johnson.

FRESHMAN ADVISERS.—Professors de Sumichrast (*Chairman*), Howard, Gates, Platner, Osgood; Messrs. C. P. Parker, Nichols, Bierwirth, Torrey, Gardiner, Coolidge, Fletcher, Hurlbut, Garrett, Gulick, F.-N. Robinson, Abbott, Ashton, Cummings, C. H. C. Wright, H. L. Prescott.

ADVISERS TO SCIENTIFIC STUDENTS.—Professors Shaler (*Chairman*), Hanus, Wolff, Warren, Smyth, Fitz, Adams; Messrs. Willson, Davenport, Moses, Turner.

SPECIAL STUDENTS.—Professors Davis (*Chairman*), Grandgent, Sabine, Baker, M. Bôcher; Messrs. Love, Poll, G. H. Parker.

APPOINTMENT COMMITTEE.—See page 488.

PUBLIC ENTERTAINMENTS.—Dr. Marcou (*Chairman*); Professors Howard, Baker.



**THE ADMINISTRATIVE BOARD OF HARVARD COLLEGE.**

- LEBARON RUSSELL BRIGGS, A.M., DEAN, and *Professor of English.*  
 JAMES BRADSTREET GREENOUGH, A.B., *Professor of Latin.*  
 GEORGE ALONZO BARTLETT, A.M., *Associate Professor of German.*  
 FRÉDÉRIC CÉSAR DE SUMICHRAST, *Assistant Professor of French.*  
 JOHN WILLIAMS WHITE, LL.D., *Professor of Greek.*  
 WILLIAM MORRIS DAVIS, S.B., M.E., *Professor of Physical Geography.*  
 EDWARD CHANNING, PH.D., *Professor of History.*  
 ALFRED BUELL NICHOLS, A.B., *Instructor in German.*  
 CHARLES HALL GRANDGENT, A.B., *Professor of Romance Languages.*  
 JOSEPH TORREY, JR., PH.D., *Instructor in Chemistry.*  
 JOHN HAYS GARDINER, A.B., *Instructor in English.*  
 WALLACE CLEMENT SABINE, A.M., *Assistant Professor of Physics.*  
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 BYRON SATTERLEE HURLBUT, A.M., *Instructor in English.*  
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CHARLES LORING JACKSON, A.M., *Professor of Chemistry.*

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HANS CARL GÜNTHER VON JAGEMANN, PH.D., *Assistant Professor of Germanic Philology.*

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Raymond C. Archibald, A.B.

Burtis B. Breese, A.B.

Guy S. Callender, PH.D.

Walter B. Cannon, A.M.

Edwin H. Colpitts, A.M.

Ralph W. Cone, A.M.

Edwin R. Douglas, M.E.

Sidney B. Fay, A.M.

Charles S. Griffin, A.M.

Frederick O. Grover, A.M.

Robert W. Hall, A.B.

Henry B. Huntington, A.B.

Harry B. Learned, A.M.

William E. McElfresh, A.M.

Frederick C. McLaughlin, A.M.

Vernon F. Masters, A.B.

William J. Miller, A.M.

George T. Moore, A.M.

John F. Neal, A.B.

George R. Noyes, A.B.

W. Maxwell Reed.

Henry L. Sanford, A.B.

Charles E. Seaman, A.B.

Alfred D. Sheffield, A.M.

James Sullivan, Jr., A.M.

Frederick C. Waite, A.M.

Edward H. Warren, A.M.

Harry White, A.M.

## PARIETAL BOARD.

George A. Bartlett, A.M. <i>Chair-</i>		Pierre la Rose, A.B. Apley Court 1
<i>man,</i>	Beck 26	Archibald C. Coolidge, PH.D. Ware 15
Charles L. Jackson, A.M.	H'y 11	Guy Murchie, A.B. Ware 43
Alfred B. Nichols, A.B.	H'y 20	Henry L. Prescott, A.B. Little's 7
John Cummings, PH.D.	T. 7	Thomas Hall, Jr., A.B. } Little's 18
Frank B. Williams, LL.B.	T. 29	John G. Hart, A.M. }
John P. Sylvester, A.M.	T. 54	Joseph D. Allen, A.M. } Hilton
Robert J. Forsythe, A.M.	W. 7	George W. Benedict, A.M. } 4
H. Conrad Bierwirth, PH.D.	W. 36	Ralph W. Cone, A.M. Hilton 23
William G. Howard, A.M.	G. 5	Vernon F. Marsters, A.B. } Felton
Fred N. Robinson, PH.D.	G. 24	Frederick C. Waite, A.M. } 18
Charles S. Griffin, A.M.	G. 43	William J. Miller, A.M. Warland 3
Guy S. Callender, PH.D.	M. 7	Frederick C. McLaughlin, A.M. Read's 4
Lewis E. Gates, A.B.	M. 40	Frederick O. Grover, A.M. Read's 24
Byron S. Hurlbut, A.M.	H. 7	Frank C. Babbitt, PH.D. Craigie 202
Charles T. Copeland, A.B.	S. 7	William E. McElfresh, A.M. Craigie 106
James Sullivan, Jr., A.M.	S. 21	Edward H. Warren, A.B. Craigie 503
James E. Lough, A.M. } W. H. 52		Charles E. Seaman, A.M. Shepherd 2
S. U. Hopkins, S.B. }		Montague Chamberlain. Quincy 6
William H. Schofield, PH.D. H'ke 7		John F. Neal, A.B. Cowdin Building
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Francis E. Holiday, B.S.D. } C. 17		George W. Cram, A.B. } Dunster 21
Lewis F. Crawford, B.S.D. }		H. M. Richards, PH.D. } Brewster Building
Prescott O. Skinner, A.M. C. 56		Henry B. Learned, A.M. Trinity 6
Frank L. Kennedy, A.B. } P. 27		
W. Maxwell Reed, }		
Charles Palache, PH.D. } P. 60		
Thomas A. Jaggard, Jr., PH.D. }		
Lionel S. Marks, M.M.E. C't 17		
Harry A. Bigelow, A.B. } F. 2		
Walter B. Cannon, A.M. }		
Harry White, A.M. D. 15		
_____ Claverly 11		
Hollis Webster, A.M. Claverly 18		

## ADMISSION TO HARVARD COLLEGE AND TO THE LAWRENCE SCIENTIFIC SCHOOL.

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A student who wishes to become a candidate for the degree of Bachelor of Arts or of Bachelor of Science may obtain admission to Harvard College or the Lawrence Scientific School by passing an examination; or if he comes from another college or scientific school, he may be admitted without complete examination. Special Students, that is, students not candidates for a degree, are admitted also without complete examination. For the admission of students from other colleges and scientific schools see pages 280, 281. For the admission of Special Students see page 310.

Examinations for admission to Harvard College and the Lawrence Scientific School are held in June both at Cambridge and at the places named on pages 284, 285; in September at Cambridge only. For the regulations concerning the division of the examination into a Preliminary and a Final Examination, taken in two different years, or—in the case of a student who takes the whole examination in *one* year—of the Final Examination between June and September of that year, see pages 282, 283. For the hours set for examinations, see page 286.

### GENERAL REGULATIONS CONCERNING ADMISSION.

#### Testimonials and References.

Every candidate for admission to Harvard College or the Lawrence Scientific School is required to furnish a testimonial of honorable dismissal from the school or college which he has attended, or from the tutor with whom he has studied. Testimonials may be presented at the time of the Final Examination. When a candidate has been in regular attendance at a school or academy for any part of the year preceding his Final Examination, a testimonial from a private tutor is not in itself sufficient.

A candidate for admission to Harvard College must also refer to two persons, preferably his teachers or employers, from whom information about him may be obtained. References should be sent to the Corresponding Secretary of the University a month before the examination.

#### Certificates of Preparation.

Every candidate for a Preliminary Examination, whether for Harvard College or the Scientific School, must present a certificate of prepara-

tion in the subjects in which he offers himself. Every candidate for a Final Examination for admission to Harvard College who divides the examination between June and September of the same year must present a certificate that he takes the Final Examination in that year with his teacher's consent and approval. (For the prescribed forms of these certificates, see page 283.)

No certificate of preparation is required of a candidate for a Final Examination for Harvard College who does not divide the examination between June and September of the same year; nor of any candidate for a Final Examination for the Scientific School.

#### Required Notice of Place of Examination.

Candidates who wish to be examined in any place other than Cambridge are required to give notice to the Corresponding Secretary. The notice must be in the Secretary's hands not later than *June 10*. Candidates who intend to take any of the examinations of the first day must mention this intention in the notice. No notice is required from candidates who mean to be examined in Cambridge.

#### Fees.

No fee is charged for examination in Cambridge.

A fee of five dollars must be paid *in advance* by every candidate who is examined at any place other than Cambridge. The whole fee of a candidate who purposes to divide his examination is to be paid before his first examination: it should be sent by check, post-office order, or registered letter, to CHARLES F. MASON, Bursar, Cambridge, Mass., and should be in the Bursar's hands not later than *June 10*.

Persons who do not intend to enter the University will be admitted to the examinations at places other than Cambridge on payment of a fee of five dollars; and, if successful in fulfilling the requirements either for Harvard College or for the Lawrence Scientific School, will receive certificates to that effect.

#### STUDIES IN WHICH ADMISSION EXAMINATIONS ARE HELD.

Admission examinations are held in the studies named in the following list. For admission examinations in prescribed Freshman studies and in elective courses, see pages 279, 287.

The requirements for admission to the Freshman Class of Harvard College and to the First-Year Class of the Lawrence Scientific School are stated below (see pp. 277, 281).

The examinations for admission embrace two classes of studies, *Elementary* and *Advanced*.

The Elementary Studies are not treated as equivalent. The Advanced Studies are regarded as occupying equal amounts of time in school, and are of equal importance in the examinations.

### Elementary Studies.

1. *English*.—The examination will occupy two hours and will consist of two parts, which, however, cannot be taken separately:—

I. The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number—perhaps ten or fifteen—set before him on the examination paper. In 1898 the topics will be drawn from the following works:—

Milton's *Paradise Lost*, Books I and II; Pope's *Iliad*, Books I, VI, and XXII; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of the Seven Gables*.

The candidate is expected to read intelligently *all* the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important parts. In every case the examiner will regard knowledge of the book as less important than ability to write English.

As additional evidence of preparation, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work.

The works prescribed for this part of the examination in 1899, 1900, and 1901 are as follows:—

In 1899: Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; De Quincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of the Seven Gables*.

In 1900: Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; De Quincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*.

In 1901: Shakspeare's *Merchant of Venice*; Pope's *Iliad*, Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

II. A certain number of books are prescribed for careful study. This part of the examination will be upon subject-matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy.

The books prescribed for this part of the examination are :

In 1898 : Shakspeare's *Macbeth* ; Burke's *Speech on Conciliation with America* ; De Quincey's *Flight of a Tartar Tribe* ; Tennyson's *Princess*.

In 1899 : Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I and II ; Burke's *Speech on Conciliation with America* ; Carlyle's *Essay on Burns*.

In 1900 : Shakspeare's *Macbeth* ; Milton's *Paradise Lost*, Books I and II ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

In 1901 : Shakspeare's *Macbeth* ; Milton's *Lycidas*, *Comus*, *L'Allegro and Il Penseroso* ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation, grammar, or division into paragraphs.

In connexion with the reading and study of the prescribed books, parallel or subsidiary reading should be encouraged, and a considerable amount of English poetry should be committed to memory. The essentials of English grammar should not be neglected in preparatory study.

The English written by a candidate in any of his examination-books may be regarded as part of his examination in English, in case the evidence afforded by the examination-book in English is insufficient.

The attention of candidates who have passed in English at the Preliminary Examination is called to the subject of Optional Examinations for the Anticipation of College Studies (see p. 278).

2. *Greek*. — The translation at sight of simple Attic prose (with questions on the usual forms and ordinary constructions of the language).

3. *Latin*. — The translation at sight of simple prose (with questions as in Greek).

The passages set for translation must be rendered into simple and idiomatic English. Teachers are requested to insist on the use of good English as an essential part of the candidate's training in translation.

In Latin the following pronunciation is recommended : — *ā* as in *father*, *a* the same sound but shorter ; *ē* like *è* in *fête*, *è* as in *set* ; *ī* as in *machine*, *ī* as in *sit* ; *ō* as in *hole*, *ō* as in *nor* ; *ū* as in *rude*, *ū* as in *put* ; *j* like *y* in *year*, *c* and *g* like Greek *κ* and *γ*.

Instructors are requested to teach their pupils in pronouncing Greek to use the *Greek accents*, and to give (for example) *a* the sound of *a* in *father*, *η* that of *a* in *fate*, *i* that of *i* in *machine*, etc.

It is further recommended that pupils be accustomed, from the beginning of the preparatory course in Greek and Latin, to translate into those languages, both orally and in writing, passages prepared by the teacher on the basis of the prose authors read.

*A. German.* — The translation at sight of simple prose.

*5. French.* — The translation at sight of ordinary prose.

The passages set for translation in 4 and 5 will be similar to those set at the final examinations in German *A* and French *A* respectively, — College courses, each having three hours of instruction a week through the year. The passages set for translation must be rendered into simple and idiomatic English. A knowledge of the language itself, rather than of the grammar, is expected; but proficiency in elementary grammar, or facility in writing the language, will be accepted as an offset for some deficiency in translation. It is recommended that from the outset attention be given to pronunciation. Wherever possible, care should be taken, during the whole course of preparation, to accustom the pupil to hear and understand spoken German and French.

*6. History (including Historical Geography).* — Either (1) History of Greece and Rome; or (2) History of the United States and of England.

The following works will serve to indicate the amount of knowledge demanded in History: Oman's History of Greece; Allen's History of the Roman People (the whole), or Leighton's History of Rome (to the death of Commodus); Higginson's Young Folks' History of the United States (to the end of Chapter XXI), and Johnston's History of the United States for Schools (beginning at § 269); Guest and Underwood's Handbook of English History (to the year 1793), or Gardiner's Student's History of England (through Part IX).

The following selections are recommended for additional reading and will be made the basis of optional questions in the examinations: \* —

For Greek History: Curtius's History of Greece, Book I, Ch. I, Book II, Ch. IV, and Book III, Ch. III.

For Roman History: Beesly's The Gracchi, Marius, and Sulla; Tighe's Development of the Roman Constitution.

For American History: Lodge's English Colonies, Chapters II and XXII; Morse's John Quincy Adams, Chapters II and III; Josiah Quincy's Figures of the Past.

For English History: Macaulay's History of England, Chapters I and III.

*7. Mathematics.* — (a) Algebra, through Quadratic Equations. (b) Plane Geometry.

The requirement in Algebra embraces the following subjects: factors,

\* Candidates who take the questions on the Selections will be allowed to omit some of the questions on the corresponding Manual.



common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results; the doctrine of exponents; radicals and equations involving radicals; the binomial theorem for positive integral exponents and the extraction of roots; putting questions into equations and the reduction of equations; the ordinary methods of elimination and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities and of problems leading to such equations.

8. *Physical Science*. — Either (1) Astronomy (Young's Lessons in Astronomy, Ginn & Co., omitting the appendix) and Physics (Avery's Elements of Natural Philosophy,\* or Gage's Elements of Physics); or (2) a course of experiments not less than forty in number performed at school by the pupil. These must be selected from a list issued by the University under the title *Descriptive List of Elementary Exercises in Physics*,† or must be approved by the Department of Physics as the equivalent of those contained in this list.

The Faculty requests all teachers who can command the necessary apparatus to present their pupils in (2) rather than in (1). (For the character of the examination in (2) see the note under Advanced Studies 8 and 9.)

#### Advanced Studies.

Each of the Advanced Studies is taught in Harvard College in an elective course (or two half-courses) occupying three hours a week for a year; and the standard of the entrance examinations is the same as that of the corresponding College courses. The following are the College courses to which the Advanced Studies of the admission examination correspond:—Advanced Greek corresponds to Greek *A*, Advanced Latin to Latin *A*, Greek Composition to Greek *F*, Latin Composition to Latin *F*, Advanced German to German *B*, *C*, *1a*, or *1b*, Advanced French to French *1c* or *1a*, Logarithms and Plane Trigonometry to Mathematics *A*, Solid Geometry to Mathematics *E*, Analytic Geometry to Mathematics *B*, Advanced Algebra to Mathematics *D*, Advanced Physics to Physics *C*, and Chemistry to Chemistry *B*. Elementary German, French, and Physical Science (2) correspond to German *A*, French *A*, and Physics *B*, respectively.

The letters (*a*) and (*b*), in the studies numbered 3, 6, and 7, designate sub-divisions, which correspond to College half-courses. These may be combined at the option of the candidate; and any two of them will be

\* The following portions of the 1885 edition may be omitted:—sections I and II of chap. I (excepting arts. 23-30), arts. 254-267, 346-349, 371, 411-415, 445-455, 464-467, 470-476, 707-714, 729-745, and the whole Appendix.

† This list can be procured (price, forty cents) by application to the Harvard Coöperative Society or to C. W. SEVER & Co., Booksellers, Cambridge.

accepted for admission to Harvard College as the equivalent of *one whole study*, subject to the conditions stated on page 277, in groups (c) and (d) of Requirements for Admission.

1. *Greek*. — The translation at sight of average passages from Homer or the translation at sight of less difficult passages from both Homer and Herodotus (with questions on the usual forms and ordinary constructions of the language and on prosody).

2. *Latin*. — The translation at sight of average passages from Cicero and Virgil (with questions as in Greek).

3. *Greek and Latin Composition*. — (a) The translation into Attic prose of a passage of connected narrative. (b) The translation into Latin of a similar passage.

In preparing for this subject, it is strongly urged that from an early stage pupils be accustomed to translate into Greek and Latin not merely detached sentences illustrative of constructions, but also passages of connected narrative prepared by the teacher on the basis of the prose authors read. The passages set at the examination will be of this character. Examples of the kind of exercise recommended may be found in the following books: *The Beginner's Greek Composition*, by Collar and Daniell (Boston: Ginn & Co.); *Allinson's Greek Prose Composition* (Boston: Allyn & Bacon); *Woodruff's Exercises in Greek Prose Composition* (Boston: Leach, Shewell, & Sanborn); *Collar's Practical Latin Composition* (Boston: Ginn & Co.); *Daniell's Exercises in Latin Composition* (Boston: Leach, Shewell, & Sanborn).

4. *German*. — The translation at sight of modern German prose. — Grammar. — Composition based upon the following books: Riehl (*Der Fluch der Schönheit*). — Freytag (*Aus dem Staat Friedrichs des Grossen*). — Heine (*Die Harzreise*). — Goethe (the first three books of *Dichtung und Wahrheit*). — Lessing (*Minna von Barnhelm*). — Schiller (*Wilhelm Tell* and *Das Lied von der Glocke*). — Thirty pages of lyrics and ballads.

5. *French*. — The translation at sight of standard French prose. — Grammar. — Composition based upon the following books: Daudet (*La Dernière Classe — Le Siège de Berlin*). — Mérimée (*Colomba*). — Sandeau (*Mlle. de la Seiglière*, the play). — Corneille, Racine, Molière (one play by each author).

In advanced German and French, translation at sight will form an important part of the examination. Candidates will be expected to be familiar with the subject-matter as well as the language of the prescribed books. Some of the books may be changed from time to time, but with not less than two years' notice. The passages set for translation into German or French will be suited to the proficiency of those who have

begun to study the language in College and have had instruction in it three hours a week for two years.

6. *Mathematics*. — (a) Logarithms\*; Plane Trigonometry, with its applications to Surveying and Navigation. (b) Solid Geometry.

7. *Mathematics*. — (a) The Elements of Analytic Geometry. (b) Advanced Algebra.

The following books will serve to indicate the nature and amount of the requirements in Logarithms and Trigonometry, Solid Geometry, Analytic Geometry, and Advanced Algebra.

Logarithms and Trigonometry. Wheeler's Logarithms (Cambridge: Sever) or the unbracketed portions of Peirce's Elements of Logarithms (Boston: Ginn & Co.). Wheeler's Plane Trigonometry (same publishers). Problems in Plane Trigonometry (Cambridge: Sever). Peirce's Mathematical Tables, chiefly to four places (Boston: Ginn & Co.).\*

Solid Geometry. Chauvenet's Geometry, Revised and Abridged (Philadelphia: J. B. Lippincott & Co.), Books VI, VII, VIII, and IX.

Analytic Geometry. Briggs's Analytic Geometry (New York: Wiley & Co.).

Advanced Algebra. Wentworth's College Algebra (Boston: Ginn & Co.), to article 496, omitting in Chapter XV to §207, Chapters XVII, XIX, XX, in Chapter XXI, §§310-314, in Chapter XXII, §§321-331, Chapters XXV, XXVI, XXVII, in Chapter XXIX, §§452-463, also §476.

8. *Physical Science*. — Physics. A course of at least sixty experiments in addition to those of Elementary Physics (2), selected from the same or similar manuals, and covering the same subjects, but demanding more skill and more knowledge of physical theories and laws.

9. *Physical Science*. — Chemistry. A course of at least sixty experiments in General Chemistry actually performed at school by the pupil.

#### EXAMINATIONS IN PHYSICAL SCIENCE.

In Elementary Physics (2), in Advanced Physics, and in Chemistry, the candidate will be required to pass both a written and a laboratory examination. The written examination will test his knowledge of experiments and experimenting as well as his knowledge of principles and results. The laboratory examination will test his skill in experimenting. The candidate will be required to hand in the original note-book in which he recorded the steps and the results of the experiments which he performed at school; and this note-book must bear the endorsement of his

\* Candidates are required to use at the examinations the four-place tables provided by the University. Teachers unfamiliar with these tables who wish to see them before the examinations should write to the Corresponding Secretary.

teacher, certifying that the notes are a true record of the pupil's work. The note-book in Physics should contain an index of the exercises which it describes.

A candidate who offers Elementary or Advanced Physics or Chemistry will hand in his laboratory note-book at *the hour of the written examination*. Laboratory note-books will be deposited, after examination, in the College office, where they will be kept for a reasonable time, subject to the order of the owners.

A candidate examined in June at any place where a laboratory examination is not provided will be required to take such an examination in Cambridge in the autumn, on the day and at the place named below (p. 287); but if he passes the written examination in June and presents a satisfactory note-book, the subject will be temporarily counted in his favor in determining the question of his admission to College. Similarly a Preliminary Candidate is allowed to postpone his laboratory examination until September of the year in which he enters College.

Most pupils need lectures or other oral explanations in addition to the descriptions given in the laboratory manuals. When it is impossible to provide lectures, two text-books treating the subject from different points of view are advantageous.

#### EXAMINATION PAPERS.

A set of recent examination papers will be sent free to any address, on application to the Publication Agent of the University, No. 2, University Hall, or for the Lawrence Scientific School to the Secretary of that School, No. 16, University Hall. Separate papers may be had by the *dozen* (or more) copies of any *one paper* at ten cents a dozen.

#### REQUIREMENTS FOR ADMISSION TO HARVARD COLLEGE.

A candidate may satisfy the requirements for admission to the Freshman Class of Harvard College by passing examinations in studies selected from the list (see pp. 270-276) of "Studies in which Admission Examinations are held," the selection to be made according to *any one of the four following plans* : —

- (a) All the elementary studies, and at least two advanced studies.
- (b) All the elementary studies except either German or French, and at least THREE advanced studies.
- (c) All the elementary studies except either Greek or Latin, and at least FOUR advanced studies, including 6 and either 7 or 8 or 9.
- (d) All the elementary studies except either Greek or Latin and either German or French, and at least FIVE advanced studies, including 6 and either 7 or 8 or 9.

### Deficiencies.

A candidate may be admitted in spite of deficiencies in some of the studies required; but no candidate so admitted will be advanced to the Junior Class until he has made good such deficiencies to the satisfaction of the Faculty. The exact number of deficiencies with which a candidate may be admitted cannot be named in advance, since each case is considered on its merits.

### Failures.

No candidate rejected in June will be reexamined in September of the same year, unless he has passed examinations (whether Preliminary, or Final, or both), occupying at least six hours. A candidate rejected in June and reexamined in September must be reexamined in all the studies in which he was examined in June; but if he has a Preliminary certificate it will still hold good.

### Optional Examinations. Anticipation of College Studies.

In addition to the examinations required for admission to Harvard College, optional examinations are provided for such candidates as have extended their studies beyond the requirements.

I. A candidate may present himself for examination in any of the Advanced Studies not offered by him for admission, and thus qualify himself to pursue more advanced courses in those subjects in College.

II. A candidate may present himself for additional examination in one or more of the following studies: (a) any prescribed course or courses of the Freshman year (see p. 279); (b) any elective course or courses intended primarily for undergraduates, provided the courses are of such a character that they may properly be anticipated by examination, (see p. 280).

The examinations in prescribed Freshman English and in those elective studies which correspond to Advanced Studies (see p. 274) may be taken either in June or in September, or partly in June and partly in September; but a candidate who fails to pass in any study in June will not be examined again in that study in September.

The examinations in *other elective studies* are held *in the autumn only*. Written notice of intention to take these examinations must be in the hands of the Corresponding Secretary not later than *September 10*.

For the times and the places of examination, see page 287.

### USES OF OPTIONAL EXAMINATIONS.

A student who has anticipated any of the studies of the Freshman year by means of the optional examinations may substitute in place thereof any elective courses which he is qualified to pursue.

Studies anticipated may be counted toward the degree of Bachelor of Arts in the manner herein provided; but the *grade of scholarship* attained in an anticipated study is not counted toward *distinction* or *honorable mention* with the degree:—

(1) If the studies anticipated amount to one half of the work of the Freshman year, the student may, upon application, be admitted to the Sophomore class, subject to the condition of making up the deficiency in his Freshman studies, in accordance with the rules of the Faculty.

(2) In any case, the studies anticipated shall be placed to the student's credit, and may be used towards satisfying the requirements for the degree of Bachelor of Arts, in either of the following ways:—

(a) The student may obtain leave from the Faculty to fulfil the requirements for the degree in three years by taking additional elective studies under the rules of the Faculty.

(b) The number of courses regularly required in the Senior year, or in the Senior and Junior years, may be reduced by the amount of the studies anticipated. Permission to make such reduction will be granted, however, only for the purpose of enabling the student to devote time thus gained to his remaining studies, or to studies in a professional school.

Applications under (a) and (b) will not ordinarily be acted upon until the close of the student's first year; and the decision upon them will depend upon the quality of the student's record both in his examination for admission, and in his College work.

#### Examinations in Prescribed Freshman Studies.

Applicants for advanced standing (see below) and candidates anticipating Freshman studies are examined in the following studies, which correspond to the prescribed studies of the Freshman year. For the times set for these examinations, see page 287.

For examinations in elective studies, see page 287.

1. ENGLISH. — *Composition*: A. S. Hill's Principles of Rhetoric (edition of 1895); Practice in writing. — *Literature*: Swift's Battle of the Books and Gulliver's Travels; Defoe's Robinson Crusoe (Part I); The Sir Roger de Coverley Papers in the Spectator; Pope's Rape of the Lock, Epistle to Arbuthnot, and Iliad I, VI, XXII; The lives of Swift, Defoe, and Pope in the English Men of Letters Series; Thackeray's English Humourists and Henry Esmond.\*

2. GERMAN or FRENCH (whichever the student did not offer at the examination for admission. See Elementary Studies 4 and 5, page 273).

\* Elective courses in English are open, on the same terms as to Sophomores, to students who have anticipated the prescribed English of the Freshman year.

### Admission to Advanced Standing in Harvard College.

Students may be admitted to advanced standing either (I) by examination, or (II) from other colleges without complete examination.

I. BY EXAMINATION. A candidate may be admitted to the Sophomore, Junior, or Senior Class, if he appear on examination to be versed in the following studies:—

1. The studies required for admission to the Freshman Class (pp. 271–277).

2. All the prescribed studies already pursued by the class for which he offers himself, and as many elective studies as he would have pursued if he had entered at the beginning of the course (see pp. 408, 409).

Examinations for advanced standing are held in such courses only as are intended primarily for undergraduates; and, among these, in such only as may reasonably be anticipated by examination. No laboratory course, no course in composition or discussion, and no other course in which an examination is obviously an inadequate test may be offered for admission to advanced standing.

A candidate may be admitted in spite of deficiencies in some of these studies; but no candidate so admitted is recommended for the degree till he has made good his deficiencies to the satisfaction of the Faculty.

Candidates for admission to advanced standing may divide the examination between June and September; but a candidate who fails in any subject in June will not be examined again in that subject in September.

For the times and the places of examinations, see pages 284–287.

The Corresponding Secretary of the University must receive, not later than *September 10*, a written notice specifying the elective course or courses in which the candidate wishes to be examined.

II. WITHOUT COMPLETE EXAMINATION. Graduates of other colleges and students from the higher classes of other colleges may be admitted without examination and assigned to those classes for which their previous training seems to qualify them. Every case is decided on its own merits; but students from other colleges are not admitted *ad eundem* without examination.

Applications are acted on promptly, at any season of the year. Every person wishing to enter Harvard College under this provision must make a complete written statement of the work on which he bases his application. In this he should state how old he is; at what school or schools he received his preparatory training; how long he attended each school; what he studied; how much time he gave to each of the more important studies; and how far he advanced in each before he entered college.

Blank forms of application for admission to advanced standing without complete examination may be obtained from the Corresponding Secretary of the University.

Much importance is attached to the quality of the work offered. The applicant is expected to furnish official statements of his rank or grade in his various college studies; and letters, or other evidence, showing the opinion his instructors have formed of his character and scholarship.

Candidates from other colleges may be admitted to Harvard College in spite of some deficiencies in their work, on condition that they shall make good these deficiencies before receiving the degree. Deficiency in one direction may be offset by unusual attainments in another.

### REQUIREMENTS FOR ADMISSION TO THE LAWRENCE SCIENTIFIC SCHOOL.

Candidates for admission to the First-Year Class of the Lawrence Scientific School are required to pass examinations in the following subjects:—English, German or French, History, Algebra, Plane Geometry, Solid Geometry, and Physics. The requirements in these subjects are the same as those named on pages 271–277 in the Elementary Studies of the admission examination, numbered 1, 4, 5, 6, 7, 8, and in Advanced 6 (*b*).

Candidates for admission to the course in Electrical Engineering or to that in Anatomy, Physiology, and Physical Training are advised to offer *Experimental Physics*, Elementary 8 (*2*).

In addition to the above-named *required* subjects, the following advanced studies (see pp. 274–277), though optional, may profitably be offered by candidates for admission to the Scientific School:—Advanced 6 (*a*), Logarithms and Trigonometry; 7 (*a*), Elements of Analytic Geometry; 7 (*b*), Advanced Algebra; 8, Advanced Physics.

Students who have passed the admission examinations in any of these optional studies, or in any studies required in the School, receive credit for the studies so passed, and substitute for them such other studies as the Administrative Board of the Scientific School may direct.

#### Admission to Advanced Standing in the Scientific School.

A candidate may be admitted to advanced standing in the Lawrence Scientific School either by passing examinations in all the studies already pursued by the class for which he offers himself, in addition to the entrance examinations; or, from another scientific school or college, upon such conditions as the Administrative Board may deem equitable in each case, regard being had to the applicant's previous course of study, and to the evidence of proficiency exhibited by him.



The successful study of any subject in Harvard College is taken as an equivalent for the same subject in the Scientific School; but no Scientific School degree is given without at least one full year's work as a registered student in the School.

### DIVISION OF THE EXAMINATION FOR ADMISSION.

A candidate for admission to Harvard College or to the Lawrence Scientific School may take the entire examination at one time; or he may divide it, under conditions named below, (1) between two years, or (2) between June and September of the same year. If he divides it between two years, he is known as a "Preliminary Candidate"; if between June and September of the same year, as a "Postponing Candidate." Teachers and candidates should carefully distinguish between the words "Preliminary" and "Postponing" as used at examinations for admission, since a careless use of one of these words for the other leads to serious misunderstanding. A Preliminary Examination is always taken a year or more before the Final Examination. Postponing Candidates, whether in September or in June, are taking Final Examinations.

If a study consists of two parts, designated by the letters (a) and (b), the examinations in those parts may be taken separately by a candidate who divides his examinations for admission either between two years or between June and September of the same year. No other study may be divided.

#### 1. Preliminary Examination.

A candidate may pass a Preliminary Examination in some studies in one year; and, on receiving a Preliminary Certificate, may pass a Final Examination in the remaining studies in some subsequent year. For the Preliminary Examination the candidate is expected to present himself in June, having previously sent in a certificate of preparation (see below). No Preliminary Candidate for Harvard College will be examined in September without special permission from the Dean of Harvard College; nor for the Scientific School, without special permission from the Dean of the Scientific School.

A Preliminary Certificate will be granted to any candidate for admission to Harvard College who passes the examination in studies occupying five hours on the examination programme; and to any candidate for admission to the Scientific School who passes in two of the required subjects.

Candidates may offer themselves for the Preliminary Examination in any studies, Elementary or Advanced, *in which their teachers certify that they are prepared, and in no others.*

## CERTIFICATE OF PREPARATION.

The certificate of preparation for a Preliminary Candidate must be in the following form:—

"..... has been my pupil for ..... years, and is, in my judgment, prepared to pass the Harvard Preliminary Examinations in the following studies (or subjects):— . . . .  
Name of Teacher:..... Name of School:..... Address:....."

When a candidate has been in regular attendance at a school or academy for any part of the year preceding his Preliminary Examination, his certificate must be signed by the principal of that school or academy.

The certificates of Preliminary Candidates to be examined in Cambridge must be in the hands of the Corresponding Secretary, or of the Secretary of the Scientific School (in the case of a candidate for that School), on or before *June 21*; those of Preliminary Candidates who wish to be examined elsewhere, on or before *June 14*.

## 2. Postponing.

A candidate who presents himself in June intending to pass the whole examination in the same year may, under certain conditions, postpone a part of his examination until September. Such a candidate must register in June not as a *Preliminary* but as a *Final* candidate. In 1898, he must present himself on *Wednesday, September 21*, at 8 A.M., or, if he has no examination in any part of *Wednesday*, on *Thursday, September 22*, at 8 A.M.

A candidate for admission to Harvard College may postpone until September any studies occupying not more than six hours on the examination programme.\* A Postponing Candidate will not be examined in September in any subject in which he has failed in June; and he may not even be allowed to take examinations in September if his record in June seems to warrant the belief that he is not prepared to enter College that year.

A Postponing Candidate for admission to the Scientific School will receive no credit for the examination held in June, unless he passes in at least two subjects at the June examination.

A Postponing Candidate for admission to Harvard College is required to present a certificate from his teacher in the following form:—

"..... has been my pupil for ..... years. He offers himself for admission to Harvard College this year with my consent and approval, postponing part of the examination until September. He will present himself for examination in June in the following studies:—"

\* Advanced (not Elementary) Physics and Chemistry count as *two* hours each.

When a candidate has been in regular attendance at a school or academy for any part of the year preceding his examination, his certificate must be signed by the principal of that school or academy.

The certificates of candidates to be examined in Cambridge must be in the hands of the Corresponding Secretary on or before *June 21*; those of candidates to be examined elsewhere, on or before *June 14*.

A teacher's certificate is not required from a Postponing Candidate for admission to the Lawrence Scientific School.

### TIMES AND PLACES OF EXAMINATION.

Two regular examinations for admission to the Freshman Class of Harvard College and to the First-Year Class of the Lawrence Scientific School are held each year — the June examination, at the beginning of the summer vacation; and the September examination, before the beginning of the academic year in the autumn.

#### June Examination.

In 1898, the *June examination* will be held on *Tuesday, Thursday, Friday, and Saturday, June 28 and 30, and July 1 and 2.*

Candidates who wish to take any of the examinations held on the first day must assemble punctually at 8 A.M. on that day. All other candidates must present themselves punctually at 8 A.M. on the second day.

The examinations will be held in the following places: —

In *Cambridge*, in Sever Hall.

In *Quincy*, in the rooms of the Adams Academy.

In *Andover*, in the rooms of the Phillips Academy.

In *Groton*, in the rooms of Groton School.

In *Southborough*, in the rooms of St. Mark's School.

In *Worcester*, in Curtis Hall, the Young Men's Christian Association building, Elm Street.

In *Springfield*, in the rooms of the Springfield High School.

In *South Byfield*, in the rooms of the Dummer Academy.

In *Exeter, N. H.*, in the rooms of Phillips Exeter Academy.

In *Concord, N. H.*, in the rooms of St. Paul's School.

In *Portland, Me.*, in the rooms of the Portland High School.

In *Pomfret Centre, Conn.*, in the rooms of the Pomfret School.

In *Lakeville, Conn.*, in the rooms of the Hotchkiss School.

In *Washington, Conn.*, in the rooms of The Gunnery.

In *New York, N. Y.*, in the lecture-room of the Young Men's Christian Association, Twenty-third Street, corner of Fourth Avenue.

In *Garden City, N. Y.*, in the rooms of St. Paul's Cathedral School.

In *Albany, N. Y.*, in the rooms of the Young Men's Christian Association.

In *Buffalo, N. Y.*, in the High School building, corner of Court and Franklin Streets.

In *Lawrenceville, N. J.*, in the rooms of the Lawrenceville School.

In *Morristown, N. J.*, in the rooms of St. Bartholemew's School.

In *Philadelphia, Pa.*, in the rooms of the Young Men's Christian Association Building, corner of Fifteenth and Chestnut Streets.

In *Pottstown, Pa.*, in the rooms of the Hill School.

In *Washington, D. C.*, in the rooms of the Columbian University, corner of Fifteenth and H Streets.

In *Louisville, Ky.*, in the rooms of the Young Men's Christian Association, Broadway, corner of Fourth Street.

In *Cleveland, O.*, in the rooms of the Central High School.

In *Cincinnati, O.*, in the rooms of the Young Men's Christian Association.

In *Indianapolis, Ind.*, in the rooms of the Young Men's Christian Association, 33 N. Illinois Street.

In *Chicago, Ill.*, in the Assembly Room of the Board of Education, 103-109 Randolph Street.

In *Minneapolis, Minn.*, in the Public Library building, corner of Hennepin Avenue and Tenth Street.

In *St. Louis, Mo.*, in the Board of Education building, corner of Ninth and Locust Streets.

In *Kansas City, Mo.*, in the Association Building, 810 Wyandotte St.

In *Omaha, Neb.*, in the rooms of the Young Men's Christian Association.

In *Denver, Col.*, in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets.

In *San Francisco, Cal.*, in the rooms of the Mechanics' Institute, 31 Post Street.

In *Belmont, Cal.*, in the rooms of the Belmont School.

In *Portland, Oregon*, in the lecture-room of the Portland Library.

In *Bonn, Germany*, at the Hotel Kley.

The University will ordinarily conduct the admission examinations in June in any school or city where a sufficient number of candidates shall present themselves for examination; provided that the school or city be not within easy reach of one of the regular places of examination. Applications for examination in June, in schools or cities not named above, should be made to the Corresponding Secretary of the University as early as *April 1*.

#### REQUIRED NOTICE AND FEES.

For the notice and the fees required of candidates examined in any place other than Cambridge, see page 270.

### September Examination.

The *September examination* will be held in *Cambridge only*, on *Wednesday, Thursday, Friday, and Saturday, September 21, 22, 23, and 24.*

#### Order of Examinations (June and September).

All candidates must present themselves punctually at 8 A.M. on the *first* day of the examination (Tuesday in June, Wednesday in September), if they wish to take any examination on that day; otherwise, punctually at 8 A.M. on the *second* day of the examination (Thursday, both in June and September).

#### *Tuesday, June 28, and Wednesday, September 21.*

8 A.M. Candidates offering any of the subjects of the first day meet the officer in charge of the examinations.

9-11. Advanced German.

11½-12¼. Advanced Chemistry (written examination).

12¾- 1¾. Advanced Algebra.

2 - 3. Analytic Geometry.

3 - 4. Advanced Physics (written examination).

4 - 5. Logarithms and Trigonometry.

5 - 6. Solid Geometry.

#### *Thursday, June 30, and Thursday, September 22.*

8 A.M. Candidates meet the officer in charge of the examinations.

9-11. Elementary Latin. 2½-3½. Latin Composition.

11½-1¼. Elementary Greek. 3¾-5¾. Advanced Latin.

#### *Friday, July 1, and Friday, September 23.*

8-9. Elementary Physics. 11½- 1. Elementary Algebra.

9¼-11¼. Geometry (see p. 296). 1¼- 3½. English.

9¼-10¾. Plane Geometry. 3¾- 5¾. Advanced Greek.

#### *Saturday, July 2, and Saturday, September 24.*

8-10. Advanced French. 1¼- 3. Elem. French (French A).

10¼-11¾. History. 3¼-4¾. Elem. German (Germ. A).

12-1. Greek Composition.

#### LABORATORY EXAMINATIONS.

The stated time for the laboratory examination in Elementary Experimental Physics is Thursday, Friday, and Saturday of the examination periods; in Advanced Physics and Chemistry, Tuesday of the June period

and Wednesday of the September period. On these days the examinations are held in Cambridge only, and appointments for them will be made when the candidates meet the officer in charge of the examinations.

In June, classes from schools near Cambridge may, by special arrangement, take the laboratory examinations in Physics and Chemistry on earlier days.

Laboratory examinations in Physics and Chemistry, but only for those who have previously passed the written examination and received a provisional mark (see p. 277), will be held as follows: Elementary and Advanced Physics on *Wednesday, September 28*, at 2 P.M. in the Jefferson Physical Laboratory (these examinations, however, may, if desired, be taken at the stated times as given above): Advanced Chemistry on *Wednesday, September 28*, at 2 P.M. in Boylston Hall.

#### EXAMINATIONS IN THE PRESCRIBED STUDIES OF THE FRESHMAN YEAR.

In 1898, the examination in English *A* will be held in accordance with the programme given below. This examination, formerly held in Cambridge only, is now held, in *June*, at all the places named on pages 284, 285.

*Wednesday, June 29, and Tuesday, September 20.*

3-5 P.M. English *A*.

The examinations in French *A* and German *A* correspond to the admission examinations in Elementary French and German (see p. 273), and will be held on *Saturday, July 2*, and *Saturday, September 24*.

#### EXAMINATIONS IN ELECTIVE STUDIES.

Examinations in elective studies that are not equivalent to advanced admission studies are held only in the first fortnight of the academic year and only at Cambridge. Written notice of intention to take these examinations must be in the hands of the Corresponding Secretary not later than *September 10*. The examinations in such elective studies as correspond to advanced admission studies (see p. 274) are identical with the examinations in the latter, and must be taken at the same times and places.

## NEW SYSTEM OF REQUIREMENTS

### FOR ADMISSION TO HARVARD COLLEGE AND THE LAWRENCE SCIENTIFIC SCHOOL.

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A new system of requirements for admission to Harvard College and to the Lawrence Scientific School is now under consideration. A careful revision has been made of the list of studies covered by the admission examination and of the requirement in each study. Some new studies have been added to the list; many of the definitions of old studies have been materially amended; and pains have been taken to give full information to teachers and pupils concerning the kind and amount of the preparation which the Faculty seek to secure in each subject. The results of this revision are stated below under the heading "New Definitions of Requirements," which are, however, still subject to possible changes of detail.

In the examinations of 1898, and thereafter until the new definitions shall be exclusively in force, *alternative papers* will be offered under the new definitions (where they differ materially from the present definitions) in Greek, Latin, German, French, History, Mathematics, Physics, and Chemistry.

The terms of admission to Harvard College under the new system are not yet formulated. It is, however, the purpose of the Faculty to assign to each study a certain number of points, representing the relative weight which that study is to have in determining the question of a candidate's fitness for admission, and to state the total amount of the requirement for admission in the form of a fixed aggregate of points, which may be made up by various combinations of studies under regulations to be announced hereafter. It is not the intention of the Faculty to increase the total amount of work required in preparation for Harvard College.

A preliminary statement of the proposed terms of admission to the Lawrence Scientific School will be found on pages 303-306.

#### NEW DEFINITIONS OF REQUIREMENTS.

##### GOOD ENGLISH.

Clear and idiomatic English is expected in all examination-papers and note-books written by candidates for admission. Teachers are requested to insist on good English, not only in translations, but in every exercise in which the pupil has occasion to write or to speak English.

## 1. English.

(As at present.)

The examination will consist of two parts, which, however, cannot be taken separately:—

I. The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number—perhaps ten or fifteen—set before him on the examination paper. In 1898 the topics will be drawn from the following works:—

Milton's *Paradise Lost*, Books I and II; Pope's *Iliad*, Books I, VI, and XXII; The Sir Roger de Coverly Papers in the *Spectator*; Goldsmith's  *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of the Seven Gables*.

The candidate is expected to read intelligently *all* the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important parts. In every case the examiner will regard knowledge of the book as less important than ability to write English.

As additional evidence of preparation, the candidate may present an exercise-book, properly certified by his instructor, containing compositions or other written work.

II. A certain number of books will be prescribed for careful study. This part of the examination will be upon subject-matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books prescribed for this part of the examination in 1898 are:

Shakspeare's *Macbeth*; Burke's *Speech on Conciliation with America*; De Quincey's *Flight of a Tartar Tribe*; Tennyson's *Princess*.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation, grammar, or division into paragraphs.

In connexion with the reading and study of the prescribed books, parallel or subsidiary reading should be encouraged, and a considerable amount of English poetry should be committed to memory. The essentials of English grammar should not be neglected in preparatory study.

The English written by a candidate in any of his examination-books may be regarded as part of his examination in English, in case the evidence afforded by the examination-book in English is insufficient.

## 2-4. Greek.

### 2. *Elementary Greek.*

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. The two parts of the examination cannot be taken separately:—

(a) The translation at sight of simple Attic prose. (The passages set for translation must be rendered into simple and idiomatic English.)



(b) A thorough examination on a prescribed portion of Xenophon (about thirty pages\*), directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only as occur in the portion of Xenophon prescribed.

For three years, beginning with 1898, the portion of Xenophon prescribed will be the second book of the *Anabasis*.

#### *Advanced Greek.*

There are two examinations, in either or both of which the candidate may present himself. To be adequately prepared for both examinations, the candidate should have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years:—

**3. Greek Authors.**—The translation at sight of Attic prose and of Homer, with questions designed to test the candidate's understanding of the passages set, and questions on ordinary forms, constructions, and idioms, and on prosody. (The passages set for translation must be rendered into simple and idiomatic English.)

**4. Greek Composition.**—The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

The estimate of the periods of study necessary to prepare for the elementary and advanced examinations in Greek is based on the assumption that the candidate has begun the study of Latin at least a year earlier, and has continued it along with his Greek course; otherwise the periods specified would not be sufficient.

In preparation for the elementary examination in Greek, candidates should read from 130 to 170 pages\* of Attic prose. For the advanced examination (Greek Authors), candidates should read from 30 to 50 pages more of Attic prose, and from 3000 to 5000 verses of Homer. The reading of Homer may be advantageously begun with a thorough study of *Iliad*, Books I and II (to the catalogue of ships).

The pupil should be constantly guided in proper methods of reading, and trained to read the Greek intelligently, as Greek, before undertaking to render it into idiomatic English. There should be constant practice in reading aloud, with due expression, and in hearing the language read. In connexion with the reading, to ensure thoroughness and accuracy in the pupil's understanding of the language, the study of grammar, with some practice in writing Greek, should be maintained throughout the course. There should also be frequent written translations into idiomatic English.

To prepare for the examination in Greek Composition, pupils should be trained, from an early stage of the preparatory course, to render into Greek, not merely detached sentences, illustrative of constructions, but also passages of connected narrative or description, prepared by the teacher on the basis of the prose authors read.

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\* The pages of the more recent Teubner text editions are taken as a standard in this statement.

## 5-7. Latin.

5. *Elementary Latin.*

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through at least *three* school years. The two parts of the examination cannot be taken separately:—

(a) The translation at sight of simple Latin prose and verse. (The passages set for translation must be rendered into simple and idiomatic English.)

(b) A thorough examination on a prescribed portion of Cicero's speeches (about thirty pages\*), directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only as occur in the speeches prescribed.

For three years, beginning with 1898, the portion of Cicero prescribed will be the second, third, and fourth speeches against Catiline.

*Advanced Latin.*

There are two examinations, in either or both of which the candidate may present himself. To be adequately prepared for both examinations, the candidate should have studied Latin in a systematic course of five lessons a week, extending through at least *four* school years:—

6. *Latin Authors.*—The translation at sight of Latin prose and verse, with questions designed to test the candidate's understanding of the passages set, and questions on ordinary forms, constructions, and idioms, and on prosody. (The passages set for translation must be rendered into simple and idiomatic English.)

7. *Latin Composition.*—The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

The estimate of the periods of study necessary to prepare for the examinations in Latin is made with reference to schools which have a four years' course. Schools which have a five years' course may more advantageously provide for beginning the study of Latin in the first year, with some diminution, if necessary, of the time devoted to it in the last years of the course.

The course of reading pursued in preparation for the examinations in Latin should include:—

(a) Easy reading, included in or following a suitable introductory book ('Latin Lessons'), amounting to from 30 to 40 pages;\*

\* See footnote, p. 290.

(b) *Nepos (Lives) and Caesar (Gallic War)*, 90 to 120 pages;

(c) *Cicero*, 90 to 120 pages, including the four speeches against *Catiline* and the speech on the *Manilian Law*, with additional speeches selected by the teacher;

(d) *Virgil and Ovid*, 6000 to 10,000 verses, including the first six books of the *Aeneid*.

Preparation for the elementary examination alone should include (a) and (b), the four speeches against *Catiline*, and from 2000 to 3000 verses of *Virgil*, or of *Ovid* and *Virgil*.

The pupil should be constantly guided in proper methods of reading, and trained to read the Latin intelligently, as Latin, before undertaking to render it into idiomatic English. There should be constant practice in reading aloud, with due expression, and in hearing the language read. In connexion with the reading, to ensure thoroughness and accuracy in the pupil's understanding of the language, the study of grammar, with some practice in writing Latin, should be maintained throughout the course. There should also be frequent written translations into idiomatic English.

To prepare for the examination in Latin Composition, pupils should be trained, from an early stage of the preparatory course, to render into Latin not merely detached sentences, illustrative of constructions, but also passages of connected narrative or description, prepared by the teacher on the basis of the prose authors read.

## 8, 9. German.

### 8. *Elementary German.*

(a) The translation at sight of simple German prose. (The passages set for translation must be rendered into simple and idiomatic English.)

(b) The translation into German of simple English sentences, or of easy connected prose, to test the candidate's familiarity with elementary grammar.

The passages set for translation into English will be suited to the proficiency of candidates who have read not less than two hundred pages of easy German (including reading at sight in class).

Grammar should be studied concurrently with the reading as an indispensable means of ensuring thoroughness and accuracy in the understanding of the language. The requirement in elementary grammar includes the conjugation of the weak and the more usual strong verbs; the declension of articles, adjectives, pronouns, and such nouns as are readily classified; the commoner prepositions; the simpler uses of the modal auxiliaries; the elements of syntax, especially the rules governing the order of words.

Pronunciation should be carefully taught, and the pupils should have frequent opportunities to hear German spoken or read aloud. The writing of German from dictation is recommended as a useful exercise.

### 9. *Advanced German.*

(a) The translation at sight of ordinary German. (The passages set for translation must be rendered into simple and idiomatic English.)

(b) The translation into German of a connected passage of English prose, to test the candidate's familiarity with grammar. Proficiency in grammar may also be tested by direct questions.

The passages set for translation into English will be suited to the proficiency of those who have read, in addition to the amount specified under *Elementary German*, not less

than five hundred pages of classical and contemporary prose and verse. It is recommended that the reading be selected from such works as the following: Riehl, *Culturgeschichtliche Novellen*; Freytag, *Bilder aus der deutschen Vergangenheit*, *Die Journalisten*; Kohlrausch, *Das Jahr 1813*; Schiller, *Der dreissigjährige Krieg*, *Wilhelm Tell*, *Maria Stuart*, *Die Jungfrau von Orleans*; Goethe, *Hermann und Dorothea*, *Egmont*, *Iphigenie*; Lessing, *Minna von Barnhelm*. About one half of the amount read should be Nineteenth Century prose.

In the translation into German candidates will be expected to show a thorough knowledge of accidence, the elements of word-formation, the principal uses of prepositions and conjunctions, and the essentials of syntax, especially the uses of the modal auxiliaries, and of the subjunctive and infinitive modes.

It is recommended that the candidate be trained to follow a recitation conducted in German and to answer in that language questions asked by the instructor.

## 10, 11. French.

### 10. Elementary French.

(a) The translation at sight of ordinary Nineteenth Century prose. (The passages set for translation must be rendered into simple and idiomatic English.)

(b) The translation into French of simple English sentences or of easy connected prose, to test the candidate's familiarity with elementary grammar. Proficiency in grammar may also be tested by direct questions, based on the passages set for translation under (a).

The passages set for translation into English will be suited to the proficiency of candidates who have read not less than four hundred pages (including reading at sight in class) from the works of at least three different authors. It is desirable that a portion of the reading should be from works other than works of fiction.

Grammar should be studied concurrently with the reading as an indispensable means of ensuring thoroughness and accuracy in the understanding of the language. The requirement in elementary grammar includes the conjugations of regular verbs, of the more frequent irregular verbs, such as *aller*, *envoyer*, *tenir*, *pouvoir*, *voir*, *rouloir*, *dire*, *savoir*, *faire*, and those belonging to the classes represented by *ouvrir*, *dormir*, *connaître*, *conduire*, and *craindre*; the forms and positions of personal pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the uses of articles, and the partitive constructions.

Pronunciation should be carefully taught, and pupils should have frequent opportunities to hear French spoken or read aloud. The writing of French from dictation is recommended as a useful exercise.

### 11. Advanced French.

(a) The translation at sight of standard French. (The passages set for translation must be rendered into simple and idiomatic English.)

(b) The translation into French of a connected passage of English prose, to test the candidate's familiarity with grammar. Proficiency in grammar may also be tested by direct questions.

The passages set for translation into English will be suited to the proficiency of candidates who have read, in addition to the amount specified under Elementary French,

not less than six hundred pages of prose and verse from the writings of at least four standard authors. A considerable part of the amount read should be carefully translated into idiomatic English.

Candidates will be expected to show a thorough knowledge of accidence and familiarity with the essentials of French syntax, especially the uses of tenses, modes, prepositions, and conjunctions.

It is recommended that the candidate be trained to follow a recitation conducted in French and to answer in that language questions asked by the instructor.

## 12, 13. History (including Historical Geography).

### 12. *Elementary History.*

Either of the two following groups, each including two fields of historical study:—

1. *Greek and Roman History.*—(a) Greek History to the death of Alexander, with due reference to Greek life, literature, and art. (b) Roman History to the accession of Commodus, with due reference to literature and government.

2. *English and American History.*—(a) English History, with due reference to social and political development. (b) American History, with the elements of Civil Government.

For preparation in each of the two historical fields presented, a course of study equivalent to at least three lessons a week for one year will be necessary.

The candidate will be expected to show on examination such general knowledge of each field as may be acquired from the study of an accurate text-book of not less than 300 pages, supplemented by suitable parallel readings amounting to not less than 500 pages. The examination will call for comparison of historical characters, periods, and events, and in general for the exercise of judgment as well as of memory. Geographical knowledge will be tested by means of an outline map.

As further evidence of the candidate's proficiency satisfactory written work, done at school and certified by the teacher, must be submitted at the time of the examination. It must be presented in the form of a note-book (or bound collection of notes), containing not less than 50 written pages on each historical field offered, and must show practice in some of the following exercises:—

- (a) Notes and digests of the pupil's reading outside of the text-books.
- (b) Brief written tests requiring the application to new questions of knowledge previously acquired.
- (c) Parallels between historical characters or periods.
- (d) Short studies of topics limited in scope, prepared outside of the class-room and illustrated by some reference to contemporary material.
- (e) Historical maps or charts showing explorations, migrations, conquests, territorial changes, or social conditions.

In the judgment of the Department of History it is desirable that Greek and Roman History be offered as a part of the preparation of every candidate.

**13. *Advanced History.***

Any one of the four courses of study which follow :—

1. Greek History to the destruction of Corinth and Roman History to the death of Constantine (open to those candidates only who have offered English and American History as an elementary study).

2. English History and American History (open to those candidates only who have offered Greek and Roman History as an elementary study).

3. European History from the Germanic conquests to the beginning of the seventeenth century.

4. A year's study of any one of the four historical fields defined under Elementary History and not already offered by the candidate, together with a year's detailed study of a limited period\* within that field, selected with the approval of the Department of History.

The examination in the second part of 4 will be specially adapted to the particular period selected and will be held in Cambridge only.

In every case the candidate will be expected to show on examination such an acquaintance with the whole field as may be gained from the study of good text-books, together with substantial parallel readings, and, further, such a detailed knowledge of some part of the field as may be gained from suitable topical study. A higher standard of acquirement and of power to combine results will be expected than in the elementary requirement.

As further evidence of proficiency satisfactory written work, done at school and certified by the teacher, must be submitted at the time of the examination. The form and contents of this written work will be the same as in the elementary requirement, but greater skill in the use of materials and in the statement of results will be expected.

**14-17. *Mathematics.***

A thorough practical acquaintance with ordinary Arithmetic is assumed as underlying all preparation in Mathematics. Knowledge of the fundamental principles of Arithmetic and careful training in accurate computation with whole numbers and with vulgar and decimal fractions form an essential part of early school work. But the pupil's time should not be wasted in the solution by arithmetic of puzzling problems which properly belong to algebra, or in complicated and useless reductions, or in the details of commercial arithmetic. It is desirable that some familiarity with algebraic expressions and symbols, including the methods of solving simple equations, be acquired in connexion with the course in Arithmetic.

***Elementary Mathematics.***

**14. *Elementary Algebra.***—Algebra, through Quadratic Equations. (As at present.)

The requirement in Algebra includes the following subjects : factors, common divisors and multiples, fractions, ratios and proportions ; negative quantities and the interpretation of negative results ; the doctrine of exponents ; radicals and equations

\* For example, the Spartan and Theban supremacies, the period of the Punic wars, the Stuart period, the transition from the American colonial to the federal system.

involving radicals; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; putting questions into equations and the reduction of equations; the ordinary methods of elimination and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities and of problems leading to such equations.

The student should cover carefully the whole ground here specified, and should acquire a thorough understanding not only of the practice, but of the reasons involved in the elementary algebraic rules; for example, in the rules of multiplication, of signs, and of exponents, in the rules for fractions, and in those relating to the reduction and solution of equations. He should train himself to practical skill by the solution of a large number of examples, and should learn to do his work with reasonable quickness, as well as with confidence, accuracy, and clearness. The solution of fairly complicated literal quadratics, the various methods of elimination for equations of the first two degrees, the putting of problems in a neat manner into equations, and the working of the various algebraic operations both for integral and fractional expressions may be mentioned as important subjects of attention. The student should be taught to arrange his work in a clear, orderly, and compact fashion.

The time supposed to be devoted to the systematic study of the requirement in Algebra is the equivalent of a course of three lessons a week through two school years.

**15. Geometry.** — Plane and Solid Geometry, including problems in mensuration of plane and solid figures, and original propositions in Plane Geometry.

Geometric education should begin in the kindergarten or primary school, where the child should acquire familiarity through the senses with simple geometric forms, by inspecting, drawing, modelling, and measuring them, and noting their more obvious relations. This study should be followed, in the grammar school, by systematic instruction in Concrete (or Observational) Geometry, of which geometric drawing should form a part. Such instruction should include the main facts of Plane and Solid Geometry, treated as matters of observation, and not as exercises in logical deduction, without however necessarily excluding the beginnings of deductive proof as soon as the pupil is ready for them. Concrete Geometry is believed to have important educational value, and to prepare an excellent foundation for the later study of Formal Geometry. It belongs, however, to the earlier stages of school work, and should not be postponed until the time that belongs to direct preparation for college or the scientific school.

In teaching Formal Geometry, stress should be laid from the outset on accuracy of statement and elegance of form, as well as on clear and strict reasoning. As soon as the pupil has begun to acquire the art of rigorous demonstration, his work should cease to be merely receptive, he should be trained to devise constructions and demonstrations for himself, and this training should be carried through the whole of the work in Plane Geometry. Teachers are advised, in their selection of a text-book, to choose one having a clear tendency to call out the pupil's own powers of thought, prevent the formation of mechanical habits of study, and encourage the concentration of mind which it is a part of the discipline of mathematical study to foster. The subject of Geometry, not a particular treatise, is what the pupil should be set to learn; and its simpler methods and conceptions should be made a part of his habitual and instinctive thought. Lastly, the pupil should be stimulated to good work by interest in the study felt and exhibited by the teacher.

The requirement in Geometry embraces the following topics: the general properties of plane rectilinear figures; the circle and the measure of angles; similar polygons; areas; regular polygons, and the measure of the circle; the relations of planes and lines in space; the properties and measure of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The propositions required under these several heads

are those only which are contained in the older treatises, and which are recognized as constituting the Elements of Geometry. The examination does not include the additions introduced into some recent text-books, although most of those additions are in themselves valuable for the student who has time and taste for extra study in this field. A syllabus of the required propositions is in preparation. It will soon be ready, and may then be obtained upon application.

The examination in Geometry also includes original propositions in Plane Geometry, based on the propositions named in the syllabus, and problems in mensuration in both Plane and Solid Geometry; but excellence in bookwork and in exercises immediately illustrating bookwork will be allowed to offset in part any lack of skill in original work.

The time which it is recommended to assign to the systematic study of the requirement in Formal Geometry is the equivalent of a course of five lessons a week for one school year; but it is believed to be advisable to extend this allowance of time over two years.

### **15a. Plane Geometry.** (As at present.)

Until the year 1903 Plane Geometry may be presented instead of Geometry, but it will have less weight in making up the required aggregate of points. This alternative will be withdrawn after 1903.

### *Advanced Mathematics.*

**16. Logarithms and Trigonometry.**—The theory of logarithms and the use of logarithmic tables.—Plane trigonometry.—The solution of the right spherical triangle.—Applications to simple problems.

No technical knowledge of the subjects of surveying and navigation, such, for instance, as the methods of parallel or middle latitude sailing, will be required, but such terms as latitude, longitude, angle of elevation or depression, bearing, etc., should be understood. At the examination, candidates are furnished with four-place tables belonging to the University, and are not allowed to use their own tables. The tables provided are distributed before the hour of examination, so that candidates may have at least an hour for becoming acquainted with their arrangement and use. Teachers who wish a still earlier opportunity of seeing these tables should write to the Corresponding Secretary of the University.

### **17. Advanced Algebra.** (Substantially as at present.)

The requirement in Advanced Algebra includes the following subjects:

(a) Simultaneous quadratics and equations solved like quadratics; properties of quadratic equations; addition, subtraction, multiplication and division of complex quantities; inequalities; variations; arithmetical and geometrical progressions; mathematical induction; simple problems in choice and chance; continued fractions; scales of notation.

(b) Determinants, not including the multiplication theorem; simple applications of determinants to linear equations; the solution of numerical equations of higher degree, and so much of the theory of equations (not including multiple roots or Sturm's theorem) as is necessary for this purpose.

The topics included under (a) may be treated briefly. About half the time devoted to the requirements should be spent on the topics included under (b).



**18-24. Physical Science.***Elementary Physical Science.*

**18. Elementary Physics.**—A course of study dealing with the leading elementary facts and principles of physics, with quantitative laboratory work by the pupil.

The instruction given in this course should include qualitative lecture-room experiments, and should direct especial attention to the illustrations and applications of physical laws to be found in every-day life. The candidate is required to pass a written examination, the main object of which will be to determine how much he has profited by such instruction. This examination may include numerical problems. It will contain more questions than any one candidate is expected to answer, in order to make allowance for a considerable diversity of instruction in different schools.

The pupil's laboratory work should give practice in the observation and explanation of physical phenomena, some familiarity with methods of measurement, and some training of the hand and the eye in the direction of precision and skill. It should also be regarded as a means of fixing in the mind of the pupil a considerable variety of facts and principles. The candidate is required to pass a laboratory examination, the main object of which will be to determine how much he has profited by such a laboratory course.

The candidate must name as the basis for his laboratory examination at least thirty-five exercises selected from a list of about sixty, described in a publication issued by the University under the title, "Descriptive List of Elementary Exercises in Physics." In this list the divisions are mechanics (including hydrostatics), light, heat, sound, and electricity (with magnetism). At least ten of the exercises selected must be in mechanics. Any one of the four other divisions may be omitted altogether, but each of the three remaining divisions must be represented by at least three exercises.

The candidate is required to present a note-book in which he has recorded the steps and the results of his laboratory exercises, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes. These exercises need not be the same as those upon which the candidate presents himself for the laboratory examination, but should be equivalent to them in amount and grade of quantitative work.

The note-book is required as proof that the candidate has formed the habit of keeping a full and intelligible record of laboratory work through an extended course of experiments, and that his work has been of such a character as to raise a presumption in favor of his preparation for the examination. But much greater weight will be given to the laboratory examination than to the note-book in determining the candidate's attainments in physics. Experience has shown that pupils can make the original record of their observations entirely presentable, so that copying will be unnecessary, and they should in general be required to do so.

This course, if taken in the last year of the candidate's preparation, is expected to occupy in laboratory work, recitations, and lectures, five of the ordinary school periods, about fifty minutes in length, per week for the whole year. With few exceptions exercises like those in the Descriptive List already mentioned can be performed in a single school period, but for satisfactory results it will often be necessary to repeat an exercise. Two periods per week for the year should be sufficient for the laboratory work proper. If the course is begun much earlier than the last year of the candidate's preparation, as it well may be, it will require more time.

**19. Chemistry.** \* — A course of at least sixty experiments, performed at school by the pupil and accompanied with systematic instruction in principles and their applications, in accordance with directions given in a pamphlet entitled "An Outline of Requirements in Chemistry," issued by the University for the use of teachers only.

The candidate is required to pass both a written and a laboratory examination. The written examination will test his acquaintance with the facts and principles of Chemistry. The laboratory examination will test both his skill in performing experiments and his grasp of the principles involved in them. The candidate is further required to present the original note-book in which he recorded the steps and results of the experiments which he performed at school, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes.

The note-book is required as proof that the candidate has formed the habit of keeping a full and intelligible record of laboratory work through an extended course of experiments, and that his work has been of such a character as to raise a presumption in favor of his preparation for the examination. But much greater weight will be given to the laboratory examination than to the note-book in determining the candidate's attainments in Chemistry.

**20. Physiography.** — A course of study equivalent to that described in a pamphlet entitled "An Outline of Requirements in Physiography," issued by the University.

For the form of examination see note under Astronomy, below.

**21. Anatomy, Physiology, and Hygiene.** † — A course of study and laboratory work equivalent to that described in a pamphlet entitled "An Outline of Requirements in Anatomy, Physiology, and Hygiene," to be issued by the University.

*N.B.* The definition in this subject has been adopted only provisionally, pending the preparation of the "Outline."

The candidate will be required to pass both a written and a laboratory examination. The written examination will test the range and thoroughness of his knowledge of anatomy, physiology, and hygiene. The laboratory examination will test (a) his practical familiarity with the simpler manipulations of the compound microscope and his ability to recognize the principal histological tissues; (b) his acquaintance with ordinary chemical tests for the common food-constituents and digestive products; (c) his knowledge of the first aids to be rendered in emergencies.

At the time of the written examination the candidate must present the original note-book containing (with dates) the notes and drawings he has made in the course of his laboratory work, and bearing the endorsement of his teacher, certifying that the book is a true record of the pupil's own observations and experiments. An index of subjects should be appended.

\* Equivalent to Chemistry B. The course will be mainly an experimental course in theoretical chemistry, but there will be experiments covering all branches of pure chemistry.

† Equivalent to Hygiene 1 A/.

*Advanced Physical Science.***22. Advanced Physics.\*** (Substantially as at present.)

The University does not prescribe the experiments to be performed by those offering this subject for admission. The work should, however, be of advanced grade, almost wholly quantitative, and conducted with apparatus, not necessarily elaborate, yet capable, if carefully handled, of yielding results of such accuracy as to warrant the consideration of somewhat minute error. For example, the balance used in weighing should be so delicate as to justify corrections for the buoyancy of the air on the weights and on the body weighed, and, in the determination of specific gravity, for the temperature of the water. The results should be discussed with reference to their precision and to the number of significant figures. There should be about sixty experiments well distributed through the range of general physics. If the student has devoted a considerable amount of time in the elementary course to experiments in heat, that division of physics may be here omitted. The laboratory work can be performed properly only in periods of considerable length, two to four hours, for example.

Instruction by lectures or text-books and work in problems should be a part of the course.

The candidate will be required to pass both a laboratory and a written examination. He should so thoroughly understand the work which he has performed as not to be confused in the laboratory examination by unfamiliar forms of apparatus.

The laboratory note-book will receive careful attention at the time of the examination. It must contain a certificate from the teacher that it is a true record of the candidate's work.

**23. Meteorology.** — A course of observational study equivalent to that described in a pamphlet entitled "An Outline of Requirements in Meteorology," issued by the University.

This course requires a knowledge of Elementary Physics. (For the form of examination see under Astronomy, below.)

**24. Astronomy.** — A course of observational study equivalent to that described in a pamphlet entitled "An Outline of Requirements in Astronomy," issued by the University.

This course requires a knowledge of Geometry.

In Physiography, Meteorology, and Astronomy, the candidate will be required to take both a written and a laboratory or practical examination. The written examination may test his understanding of observational methods appropriate to the subject, but will call chiefly for a knowledge of facts and principles. The laboratory or practical examination will test his skill in observation as well as his grasp of principles. This examination can be taken in Cambridge only; for those who are examined elsewhere in June, it will be postponed to September.

The laboratory examination in Physiography may include the description, explanation, and comparison of geographical features shown in photographs, maps, and models. The laboratory examination in Meteorology may include the use of instruments, the discussion of observations, and the construction and interpretation of weather maps and climatic charts. The practical examination in Astronomy may call for an ability to make simple naked-eye and instrumental observations, and to establish the simpler generalizations of astronomy by discussion of these observations.

\* Equivalent to, but not necessarily identical with, Physics C.

The candidate in these subjects will be required to present, at the time of the laboratory or practical examination, the original note-book in which he recorded, with dates, the steps and results of the observations which he made at school. This book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. An index of subjects should be appended. The note-book is required as proof that the candidate has formed the habit of keeping a full and intelligible record of his work through an extended course of observational study, and that his work has been of a satisfactory character; but greater weight will be given to the practical or laboratory examination than to the note-book in determining the candidate's attainments.

The following studies may be presented by candidates for admission to the Lawrence Scientific School:—

### 25, 26. Botany and Zoölogy.

**25. Botany.**—A course of study and laboratory work equivalent to that indicated in an "Outline of Requirements in Botany," issued by the University. The course should extend through at least half of a school year, with five lessons a week. The laboratory work is to be directed especially to the external anatomy and the activities of our common plants.

**26. Zoölogy.**—A course of study and laboratory work equivalent to that described in a pamphlet entitled "An Outline of Requirements in Zoölogy," issued by the University. The course should extend through at least half of a school year, with five lessons a week, and should include the laboratory study of at least ten types of animals, with special reference to their external anatomy and their activities. These types are to be selected in accordance with directions to be given in the pamphlet named.

In Botany and in Zoölogy the candidate will be required to pass both a written and a laboratory examination. The written examination will test the range and thoroughness of his knowledge of the subject. The laboratory examination will test his skill in observation and experimentation, and his ability to apply names properly to the parts of the organisms studied.

At the time of the written examination the candidate must present the original note-book containing (with dates) the notes and drawings he has made in the course of his laboratory work, and bearing the endorsement of his teacher, certifying that the book is a true record of the pupil's own observations and experiments. An index of subjects should be appended.

### 27-30. Shopwork.\*

A course of instruction in the use of tools and in the ordinary processes employed in the working of wood or metal, equivalent to that described in a pamphlet entitled "An Outline of Requirements in Shopwork," issued

\* Each of the courses numbered 27-30 is to be equivalent to a half-course in the Lawrence Scientific School.

by the University. The course may embrace one or more of the following divisions:—

- 27.** *Wood-working;*
- 28.** *Blacksmithing;*
- 29.** *Chipping, Filing, and Fitting;*
- 30.** *Machine-tool Work.*

The candidate must be familiar with the names, construction, and operation of the tools commonly used in these processes, and will be expected to read ordinary mechanical drawings and to make freehand sketches of articles which are to be produced in the workshop.

The candidate is required to pass both a written and a laboratory examination. The written examination will test his knowledge of tools and mechanical processes, and of the properties of materials of common use in construction. He will be expected to show familiarity with approved methods for simple work in the branch in which he presents himself for examination, and to write an intelligible description of those methods, illustrated by such sketches as may be necessary to make them clear. The laboratory examination will test the candidate's skill in the use of tools. He will receive the materials and specifications for a piece of work, and will be expected to select his tools, preparing them for use if necessary, and to demonstrate satisfactorily his knowledge and skill.

Every candidate is further required to present the original note-book in which he entered the descriptions and sketches of the work he performed at school; and with this he may present, as evidence of his skill in the workshop, the models made by him at school. Both the note-book and the models must be accompanied by the endorsement of his teacher, certifying that the book is a true record, and that the models are specimens, of the pupil's own work.

### **31, 32. Drawing.\***

A course of drawing, in either or both of the following branches equivalent to that described in an "Outline of Requirements in Drawing," issued by the University:—

**31. Freehand Drawing.**—The representation of simple objects, in outline and with shading.

Accuracy of delineation, correctness of proportion, and good quality of line are desired rather than any attempt at elaboration. The aim should be to express as much as possible with the fewest lines. The examination will consist of the drawing, first, of a group of geometrical solids, and, second, of either a simple piece of machinery or a simple piece of architectural ornament (such as a Greek anthemion), as the candidate may elect.

**32. Projections.**—The projection in plan and elevation of geometrical figures and of simple parts of architectural subjects or machinery.

The examination will test the candidate's knowledge of principles and methods. Every candidate is expected to bring to the examination the ordinary drawing instruments and lead-pencils; drawing-board and paper will be supplied. Every candidate is further required to present a set of plates or drawings prepared by him at school, sufficient to demonstrate his understanding of the subject and his familiarity with instruments, including the use of the right-line pen; and these drawings must be accompanied by the certificate of his teacher stating that they are the pupil's own work.

\* Each of the courses numbered 31 and 32 is to be equivalent to a half-course in the Lawrence Scientific School.

## LABORATORY EXAMINATIONS.

The following provision is made for candidates for admission either to Harvard College or to the Lawrence Scientific School presenting themselves for examination outside of Cambridge in subjects in which a laboratory examination is required:—

A candidate examined in June at any place where a laboratory examination is not provided will be required to take such an examination in Cambridge in the autumn; but if he passes the written examination in June and presents a satisfactory note-book, the subject will be temporarily counted in his favor in determining the question of his admission to College. Similarly a Preliminary Candidate is allowed to postpone his laboratory examination until September of the year in which he enters College.

PROPOSED REQUIREMENTS FOR ADMISSION TO THE  
LAWRENCE SCIENTIFIC SCHOOL.

The following preliminary statement of requirements for admission to the Lawrence Scientific School has received the approval of the Faculty of Arts and Sciences. The plan contemplates bringing the admission requirements up to substantial equality with those of Harvard College by adding new subjects from time to time.

In those studies which may be used for admission either to Harvard College or to the Scientific School, the examinations will be identical, a fixed examination being held in each study for all candidates who offer themselves in that study.

The studies which may be presented, under the proposed system, in satisfaction of the requirements for admission to the Lawrence Scientific School are named in the following list. The number placed before each study is that which designates the same study in the "New Definitions of Requirements" (pp. 288-302). The figure which follows each study indicates the relative *weight* which it is proposed to give to it in determining the question of the candidate's fitness for admission; but the weights, as well as other features of the plan, are subject to future modification.

**Languages.***Elementary.*

1. English (4).
2. Greek (3).\*
5. Latin (4).
8. German (2).
10. French (2).

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\* Elementary Greek offered without Latin will count 4.

*Advanced.*

3. Greek Authors (2).
4. Greek Composition (1).
6. Latin Authors (2).
7. Latin Composition (1).
9. German (2).
11. French (2).

**History.***Elementary.*

12. { 1. Greek and Roman History (2), or  
2. English and American History (2).

*Advanced.*

Not more than one of the following four :—

13. { 1. Greek and Roman History (2).  
2. English and American History (2).  
3. History of Europe (2).  
4. History of a period (2).

**Mathematics.***Elementary.*

14. Algebra (2).
15. Geometry (3).

*Advanced.*

16. Logarithms and Trigonometry (1).
17. Algebra (1).

**Observational Science.***Elementary.*

18. Physics (2).
19. Chemistry (2).
20. Physiography (1).
21. Anatomy, Physiology, and Hygiene (1).\*
25. Botany (1).
26. Zoölogy (1).

*Advanced.*

22. Physics (2).
23. Meteorology (1).
24. Astronomy (1).

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\* The adoption of Anatomy, Physiology, and Hygiene as a study which may be offered for admission is to remain provisional until a detailed outline of this requirement shall have been presented to the Faculty and finally adopted.

**Shopwork and Drawing.**

Shopwork.	{	27. Wood-working ( <i>I</i> ).
		28. Blacksmithing ( <i>I</i> ).
		29. Chipping, Filing, and Fitting. ( <i>I</i> ).
		30. Machine-tool Work ( <i>I</i> ).
Drawing.	{	31. Freehand ( <i>I</i> ).
		32. Projections ( <i>I</i> ).

No candidate for admission may offer an advanced study who does not at the same time or earlier offer the corresponding elementary study; Physics being considered elementary with respect to Meteorology, and Geometry with respect to Astronomy.

For 1898 the total requirement for admission to the School will be the following group of studies; being the same as those which constitute the requirement for admission under the existing system (see p. 281) :—

English . . . . .	4
Elementary German or French . . . . .	2
"    History . . . . .	2
"    Algebra . . . . .	2
Plane Geometry . . . . .	2
Solid Geometry . . . . .	1
Elementary Physics . . . . .	2
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For 1899 the total requirement will be the following group, which will be called Group A :—

*English . . . . .	4
In modern foreign languages studies aggregating . . . . .	4
*Elementary History . . . . .	2
*    "    Algebra . . . . .	2
*Geometry . . . . .	3
Studies aggregating 2 points from the following observational sciences :—	
Elementary Physics, Chemistry, Physiography, Anatomy, etc.,	
Botany, Zoölogy, Astronomy . . . . .	2
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	17



After 1899, it is proposed that the requirement be:—

- for 1900*, the studies of Group *A*, and in addition studies aggregating 2 points, a total of 19 points;
- for 1901*, the studies of Group *A*, and in addition studies aggregating 4 points, a total of 21 points;
- for 1902*, the studies of Group *A*, and in addition studies aggregating 6 points, a total of 23 points;
- for 1903*, and thereafter, the studies of Group *A*, and in addition studies aggregating 9 points, a total of 26 points.

It is proposed, however, to limit the freedom of election by certain restrictions on the choice of optional studies. The starred subjects in Group *A* are in all cases prescribed.

## REGULATIONS CONCERNING SPECIAL STUDENTS.

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The courses of study in Harvard College and the Lawrence Scientific School are open to persons who give satisfactory evidence of their fitness to pursue the particular courses they elect, although they have not passed the usual examinations for admission. These students are known as Special Students; they are members of the College or of the Scientific School from the time of their admission, but are not recognized as in regular standing or as candidates for a degree.

### HARVARD COLLEGE.

A candidate for admission to Harvard College as a Special Student may obtain from the Corresponding Secretary a blank form of application, which should be duly filled and returned to the Secretary. Candidates are advised to send in their applications before the middle of July. Such an application will be acted upon promptly after the receipt of all necessary papers; and the decision in regard to it will be made known to the candidate at once. Applications will be received later in the vacation; but equally prompt action upon them cannot always be secured.

Special Students in Harvard College are subject to all the regulations of the College. They are under the charge of a Committee of the Faculty; and each student is under the particular supervision of a member of the Committee, who acts as his adviser. Every Special Student is required to meet his adviser before the beginning of the academic year, at a time and a place to be announced on the official bulletin boards, and to submit his choice of studies in writing, for approval.

Every Special Student in Harvard College is required to take each year not less than four and not more than six courses or their equivalent.

Grades are assigned to Special Students in the several courses (see p. 420); and Special Students are subject to all requirements affecting the courses which they take. The names of Special Students who attain Grade *A* or Grade *B* in any course are entered, at the end of the year, in the printed list of meritorious students in the course, and this list is sent to the father or recognized guardian of every student.

A Certificate of Proficiency will be given, if desired, to any Special Student who has faithfully pursued his chosen subjects throughout a year and attained therein a grade not lower than Grade *B*.

A Special Student who has passed in twelve elective courses, and has stood above Grade *C* in six courses (or their equivalent) without falling below Grade *C* in any course, may on application receive a Certificate to this effect on Commencement Day, and be named in the Commencement Programme as the recipient of such Certificate.

A Special Student who has taken Honors (see pp. 421-427) receives a Certificate of Honors on Commencement Day, and is named in the Commencement Programme and in the next Annual Catalogue in the list of students to whom Honors have been awarded. A Special Student who has received Honorable Mention (see pp. 427, 428) is named in the Commencement Programme and in the next Annual Catalogue.

#### LAWRENCE SCIENTIFIC SCHOOL.

A candidate for admission to the Lawrence Scientific School as a Special Student may obtain a printed form of application from the Secretary of the School. The form must be filled out and returned to the Secretary before the application will be considered by the Administrative Board of the School.

Candidates who cannot otherwise show that they are competent to pursue subjects which are protected by entrance examinations must pass satisfactory tests before entering these courses. Exceptional cases may be referred to the Administrative Board by petition.

At the beginning of each year, Special Students in the Scientific School must submit their choice of studies for approval by the Administrative Board. They are required to take each year four full Courses of Instruction selected from those in Mathematics, Engineering, Physics, Chemistry, Geology, Botany, and Zoölogy, and from courses in other subjects which enter into the several programmes of study offered in the School.

At least one half of the work of each Special Student in the Scientific School must be taken from the regular programme of the Department of Study in which he registers.

Special Students are subjects to all the regulations of the School. A report is sent to their parents or guardians at the end of each year.

The Administrative Board reserves the right to deprive any Special Student of his privileges at any time, if he abuse or fail to use them.

A Certificate of Proficiency will be given, if desired, to any Special Student who has faithfully pursued his chosen subjects throughout a year and attained a grade not lower than Grade *B* therein.

## RESIDENCE AND REGISTRATION OF COLLEGE AND SCIENTIFIC STUDENTS.

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Continuous residence at the University during term-time is required of all students in Harvard College and the Lawrence Scientific School, unless leave of absence has been previously granted. If a student has been absent from the University without leave previously obtained, he is expected to present a satisfactory explanation of such absence.

Every Freshman (except one who has failed of promotion) is required to register, at a place announced on the official bulletin board at University Hall, on the *Wednesday* preceding the first day of the academic year, between 9 A.M. and 1 P.M. Every other College student (except one who has failed of promotion) is required to register on *Thursday*, the first day of the academic year, between 9 A.M. and 1 P.M. Every Freshman who has failed of promotion in the work of the preceding year is required to register on the *Tuesday* preceding the first day of the academic year, between 4 and 5 P.M.; and every Sophomore or Junior who has failed of promotion is required to register on *Wednesday* of the same week, between 9 A.M. and 1 P.M.

Every College student is required to register in the morning of the first week day after the Christmas recess and after the April recess.

Every student in regular standing in the Lawrence Scientific School is required to register, at a place announced on the bulletin boards of the School, on the *Wednesday* before, or on *Thursday*, the first day of the academic year, between the hours of 9 A.M. and 1 P.M., and not later than 12 o'clock noon on the first week day after the Christmas recess and after the April recess.

Special Students in Harvard College whose applications have been approved by the Committee on Special Students will present themselves for registration on *Thursday*, the first day of the academic year, at an hour and a place announced on the official bulletin-board at University Hall.

Special Scientific Students who are already members of the School, and candidates whose applications have been approved by the Board, will present themselves for registration on the same days and at the same place as students in regular standing.

# REGULATIONS CONCERNING STUDENTS IN THE GRADUATE SCHOOL.

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## ADMISSION.

Applications for admission to the Graduate School are received at any time by the Administrative Board of the School; but it is generally advisable that they be presented, if possible, at the beginning of the academic year. Admission is ordinarily granted to Bachelors of Arts and Bachelors of Science of Harvard University; and to graduates of other Colleges and Scientific Schools of good standing, who present satisfactory evidence of character and qualifications. Other persons, of suitable age and attainments, may also be admitted, by special vote of the Board in each case.

An application for admission may be made by filling out and depositing a registration blank at the office of the Dean of the Graduate School, or at such other place as may be designated from time to time for the purpose of registration. If the applicant is not a graduate of Harvard University, he must also file, for the consideration of the Administrative Board, satisfactory certificates of scholarship and character, — and if he holds a degree from any institution, diplomas or official certificates, sufficient to furnish evidence of his holding such degree or degrees.

*Admission to the Graduate School does not imply admission to candidacy for a degree.* The conditions of candidacy for the several degrees open to students in the Graduate School will be found in a later section of the Catalogue (see pp. 429).

## RESIDENCE AND REGISTRATION.

There are two classes of students in the Graduate School, — Resident Students and Non-Resident Students. *Students in regular attendance at the University are classed as Resident Students, whether lodging in Cambridge or elsewhere.*

### Resident Students.

Resident Students in the Graduate School are required to pursue their studies at this University, to be in regular attendance on the exercises in some course or courses of instruction, and to do all the required work (including all examinations) in the courses which they elect; or to carry on regular work in some Laboratory or Museum or in the Library, under the frequent inspection and criticism of instructors in the University.

Continuous residence at the University during term-time is required of all Resident Students in the Graduate School; unless leave of absence has been previously granted. If a student has been absent from the University without leave previously obtained, he is expected to present a satisfactory explanation of such absence.

Every Resident Student in the Graduate School and every applicant for admission is expected to be present in Cambridge at the beginning of each year of his membership in the School, and to register on *Thursday, the first day of the academic year*, by filling out certain blanks, at the office of the Dean of the Graduate School, or at such other place as may be designated by notice posted at University Hall. A student who enters on his studies after the beginning of the academic year must register at the office of the Dean of the Graduate School at the time of his entering on his studies.

On registering, a student receives a certificate of having done so from the officer in charge of the registration; this certificate he must present to the Bursar, with whom he must file his bond, or give other satisfactory security for the payment of his dues for the year, and from whom he will obtain authority to attend instruction and to use the College Library. In case the registration is afterwards not accepted by the Administrative Board, it will be cancelled, and the student will not be liable for tuition-fees; or he may be transferred, if he so desires, to another department of the University.

A student is counted as a full member of the School only from the date of his registration, and during the period of his being *actually engaged in his studies as a Student in the School*.

A student who withdraws from the Graduate School in the course of an academic year is required to give immediate written notice to the Dean of the Graduate School. *No deduction from the full year's fees will be made in the case of a student withdrawing in the course of a year, unless he gives this notice.*

Every Resident Student is required to file a *list of his studies* for the academic year (or at least for the first half-year), at the time he registers, with the officer in charge of the registration, — or within one week thereafter, at the office of the Dean of the Graduate School. If he subsequently wishes to make any change in his studies, he must file written notice of his wish at the Dean's office, and must obtain the assent of the Dean.

#### Non-Resident Students.

Holders of fellowships, pursuing their studies away from the University with the sanction of the Faculty, are registered as Non-Resident Students in the Graduate School.

Students who are conducting special investigations which require their absence from the University, and those who have completed a period of

residence at the University, and are carrying on studies with the purpose of becoming candidates for a degree, may also be allowed to register in the Graduate School as Non-Resident Students, under such conditions as may be imposed in each case.

All Non-Resident Students are required to keep the Dean of the Graduate School informed of their plans of study, and to make each year a full written report to the Administrative Board. They must register promptly by letter. Registration-blanks will be sent them from the office. They should keep the Dean of the Graduate School constantly informed of their addresses.

For other regulations concerning non-resident holders of fellowships, see pages 475 and 476.

### STUDIES.

All Courses of Instruction and other opportunities of study, provided by the Faculty of Arts and Sciences, or available for students under its charge (see pp. 313-404), are open to Resident Students in the Graduate School in regular standing, on condition of their being qualified for the studies they wish to undertake. For the regulations concerning the choice of studies by Graduate Students, see pages 410 and 411.

### DEGREES.

Students in the Graduate School, not Bachelors of Arts or Science of Harvard University, who wish to become candidates for any degree, should make early application to the Committee on Admission from other Colleges or from other Scientific Schools to learn the conditions under which they may be accepted as qualified for candidacy, observing the directions given on pages 429 and 430.

The requirements for the several degrees in Arts, Science, and Philosophy are stated on pages 429 to 436.

## COURSES OF INSTRUCTION

PROVIDED BY THE FACULTY OF ARTS AND SCIENCES.

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The following statement of the courses of instruction provided for the current academic year by the Faculty of Arts and Sciences is known as the "Announcement of Courses of Instruction for 1897-98." The first edition of the Announcement for any academic year is issued in the spring of the preceding academic year. The list of courses published in the Catalogue represents the Announcement as it stood at the opening of the year, and includes all courses then offered to students; disregarding the fact that a few of the courses named have sometimes been withdrawn, because not taken by a sufficient number of students or for other reasons. The Annual Report of the Dean of the Faculty of Arts and Sciences states the number and classification of the students in attendance on each course in the year to which the Report applies.

For the regulations which govern students in the choice of studies, see pages 405-411. The notes appended to the titles of the several courses in the Announcement should, however, be carefully consulted.

The Courses of Instruction are distributed, in most departments of study, into the following three groups, namely :

- (1) Courses primarily for Undergraduates ;
- (2) Courses for Undergraduates and Graduates ;
- (3) Courses primarily for Graduates.

These titles are, however, to be understood, in each department, as referring to the advancement of the student in the work of that department, rather than to his academic standing. See pages 405, 406.

Courses of Instruction are classed as *full courses* or *half-courses*, according to the estimated amount of work in each, and its value in fulfilling the requirements for a degree. In the Announcement, half-courses are expressly designated as such; all others are full courses, except the Courses of Research and Seminary Courses, which, if taken as work to be counted towards a degree, are usually rated as full courses, but may be estimated differently by special arrangement.

The numbers and letters prefixed to the several courses are intended to be permanent, and no attempt is made to arrange them in a regular or



complete series. The Roman numeral appended to each course indicates the examination group to which the course belongs (see pp. 380, 381).

A star (\*) indicates a course which may not be taken without the previous consent of the instructor.

Most of the Courses of Instruction of the first group and many of those of the second group are, as a rule, offered *every year*; but they are liable to some variations of subject and to a change of instructors, and some of them are occasionally suspended. Many courses of the second and third groups are given in *alternate years*. Some courses, especially in the third group, are given at *less frequent intervals*. The programme provided for any year also contains a considerable number of *new or remodelled courses*.

Courses of which the titles are enclosed *in brackets* are omitted in the current year, but are probably to be offered either for 1898-99, or, in a few instances, not until 1899-1900. They must not, however, be regarded as *promised*; and students who are making their plans to take any course which they expect to be given in a later year, are advised to communicate with the instructor in such course.

*Separate pamphlets* are issued, containing detailed accounts of all the opportunities of study in a single Division or Department, and of the scope and method of instruction in such Division or Department. These pamphlets may be obtained by making application to the *Corresponding Secretary* or at the *Publication Office*.

### SEMITIC LANGUAGES AND HISTORY.

The following courses in this division are also announced by the Faculty of Divinity; namely: Courses 1, 2, 3<sup>2</sup> *hf.*, 12, 16<sup>1</sup>, 13, 4, 5, which which are the same as Old Testament 1, 2, 3<sup>2</sup> *hf.*, 4, 5<sup>1</sup>, 6, 7, 8, in the announcement of the Faculty of Divinity.

#### For Undergraduates and Graduates.

1. Hebrew. — Mitchell, Hebrew Lessons. — Explanation of parts of Genesis and of the Psalm-book. *Mon., Wed., Fri., at 11.*  
Professor LYON. (III)

*Courses 6, 12, 13, 14, 15, 16 do not require knowledge of Semitic languages:—*

- \*6 *hf.* Babylonian-Assyrian History. — Contact of the Babylonians and Assyrians with the peoples of the Mediterranean coasts and islands. — Diffusion of the Babylonian-Assyrian culture through the Phoenicians. *Half-course. Sat., at 10.* Professor LYON. (VIII)

12. History of Israel, political and social, till the death of Herod the Great. Text-books, lectures, and theses. *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Professor LYON. (IX)
- 16<sup>1</sup>. History of pre-Christian Hebrew Literature. *First half-year. Mon., Tu., Wed., Th., at 2.30.* Professor TOY. (V and XI)  
This course is open to those only who have taken Course 12 or its equivalent.
13. History of the Hebrew Religion, with comparison of other Semitic religions. *Fri., 2.30-4.30.* Professor TOY. (V and VI)  
This course is open to those only who have taken Courses 12 and 16 or their equivalent.
- 15 *hf.* History of the Bagdad Califate. — Mohammedanism in Egypt and India. — Lectures on the Literature. — The Korān. *Half-course. Sat., at 12.* Professor TOY. (X)  
Courses 14 and 15 are usually given in alternate years.
- [14 *hf.* History of the Spanish Califate. — The Korān. *Half-course. Sat., at 12.* Professor TOY.] (X)  
Omitted in 1897-98. Courses 14 and 15 are usually given in alternate years.

#### Primarily for Graduates.

2. Hebrew (second course). — Syntax. — Interpretation of parts of the Prophets and the Poetical Books. — Criticism of selected portions of the text. *Tu., Th., at 3.30.* Professor TOY. (XII)
- 3<sup>1</sup> *hf.* Classical Aramaic (Syriac). — Rödiger, *Chrestomathia Syriaca*, ed. 3. — The Peshitto version of the New Testament. *Half-course (first half-year). Mon., Wed., at 10.* Professor LYON. (II)
- 3<sup>2</sup> *hf.* Jewish Aramaic. — Kautzsch, *Biblisch-Aramäische Grammatik*. — Interpretation of parts of Ezra, Daniel, and the Targums. *Half-course (second half-year). Mon., Wed., at 10.* Professor LYON. (II)
4. Assyrian. — Lyon, *Assyrian Manual*. — Delitzsch, *Assyrian Grammar*. — Abel and Winckler, *Keilschrifttexte*. *Mon., Fri., at 12.* Professor LYON. (IV)
5. Assyrian (second course). — Delitzsch, *Assyrian Grammar*. — The Chaldean Epic. — Letters and Commercial Documents. *Tu., Th., at 12.* Professor LYON. (X)
7. Arabic. — Lansing's *Grammar*. — Nuḥab al-Mulāḥ. — The Thousand and One Nights. *Tu., Th., at 9.* Professor TOY. (VII)

8. Arabic (second course). — Wright's Grammar. — The Moallakāt. — Motenebbi. — Ibn Haldun. — The Korān. *Mon., Wed., at 3.30.* Professor TOY. (VI)
- 9 *hf.* Ethiopic. — Praetorius' Grammar, with references to Dillmann's Grammar and Chrestomathy. — Enoch. *Half-course. Mon., at 4.30.* Professor TOY.
- Courses 9 and 10 are usually given in alternate years.
- [10 *hf.* Phoenician. — Schröder, Phönizische Sprache.—Corpus Inscriptionum Semiticarum. *Half-course. Th., at 4.30.* Professor TOY.]
- Omitted in 1897-98.
- Courses 9 and 10 are usually given in alternate years.
- [11 *hf.* The Talmud. *Half-course.* Professor TOY.]
- Omitted in 1897-98.

## COURSES OF RESEARCH.

- 20a. Assyrian Grammar. Professor LYON.
- [20b. General Semitic Grammar. Professor TOY.]
- Omitted in 1897-98.

## THE SEMITIC CONFERENCE.

This conference, which is composed of instructors and students in the Division of Semitic studies, meets twice a month throughout the academic year. Its object is a more detailed discussion of special topics than is ordinarily possible in the class-room. At each meeting a paper is read, which is expected to give the results of independent investigation in the subject presented. The general subject of discussion for 1897-98 will be The Names of Semitic Deities.

## INDO-IRANIAN LANGUAGES.

## For Undergraduates and Graduates.

- 1<sup>1</sup> *hf.* Elements of the Sanskrit language. — Easy prose and verse. *Half-course (first half-year). Mon., Wed., Fri., at 2.30.* Professor LANMAN. (V)
- 1<sup>2</sup> *hf.* Sanskrit (continued). — Reading of classical texts. — Lanman's Reader. — Mahā-Bhārata. *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Professor LANMAN. (V)
- 2<sup>1</sup> *hf.* Classical Sanskrit (second year). — Course for rapid reading. — Episodes from Mahā-Bhārata. — The drama Çakuntalā. — Bhartrihari's Epigrams. *Half-course (first half-year). Mon., Wed., Fri., at 3.30.* Professor LANMAN. (VI)

**Primarily for Graduates.**

- 3<sup>rd</sup> *hf.* Vedic Sanskrit. — Introduction to the language and literature of the Vedas. — Hymns of the Rig-Veda and the Atharva-Veda. — Readings from the Upanishads. *Half-course (second half-year)*. *Mon., Wed., Fri., at 3.30.* Professor LANMAN. (VI)
- 4<sup>th</sup> *hf.* Pāli. — Jātaka stories. — The Buddha-legend. *Half-course (first half-year)*. *Tu., Th., at 1.30, and a third hour at the pleasure of the instructor.* Professor LANMAN. (XIV)
- 5<sup>th</sup> *hf.* Pāli. — The Sacred Books of Buddhism. — Readings from the Vinaya Pitaka, the Sutta Nipāta, and the Majjhima Nikāya. *Half-course (second half-year)*. *Tu., Th., at 1.30, and a third hour at the pleasure of the instructor.* Professor LANMAN. Course 5 may be taken in two successive years. (XIV)

## COURSE OF RESEARCH.

20. Special advanced study of selected Sanskrit works, with practice in the use of the manuscripts of the Harvard collection. Professor LANMAN.

**THE CLASSICS.****Primarily for Undergraduates.**

## GREEK.

- A. Homer (Iliad and Odyssey, selections). — Reading at sight. *Tu., Th., Sat., at 9.* Dr. F. C. BABBITT. (VII)  
Course A is intended for students who presented only Elementary Greek at the examination for admission.
- F hf.* Greek Prose Composition (elementary course). *Half-course. Wed., and (during the second half-year) Fri., at 2.30.* Dr. F. C. BABBITT. (V)  
Course F is intended for students who, at the examination for admission, passed in Elementary (or in Advanced) Greek, but not in Greek Composition. It may be taken with Latin F, although in the same examination group.  
Courses A and F cannot be counted for Honors.
- B. Lysias (selections). — Plato (Apology and Crito). — Elegiac, Iambic, and Lyric Poets (selections). — Euripides (Medea). — Reading at sight. *Mon., Wed., Fri., at 12.* Dr. F. C. BABBITT and Dr. GULICK. (IV)

*C.* Lysias (selections). — Plato (Apology and Euthyphro). — Elegiac, Iambic, and Lyric Poets (selections). — Euripides (Iphigenia among the Taurians). — Reading at sight. *Tu., Th., Sat., at 11.*  
Dr. F. C. BABBITT and Dr. GULICK. (IX)

Courses *B* and *C* are parallel courses and cannot both be taken by the same student.

Courses *B* and *C* are open to students who passed in Advanced Greek for admission, or have passed in Course *A* in College. They cannot be counted for Final Honors, but either of them may be counted for Second-Year Honors.

*E hf.* Greek Prose Composition (second course). — Goodwin's Moods and Tenses of the Greek Verb. *Half-course. Wed., and (during the first half-year) Fri., at 1.30.* Dr. GULICK. (XIII)

Course *E* may be counted for Second-Year, but not for Final, Honors. It is especially recommended to Freshmen intending to be candidates for Second-Year Honors. It may be taken with Latin *E*, although in the same examination group.

LECTURES. — Lectures are provided for students in Courses *B* and *C*, on various topics connected with their studies, including the following: —

Lysias and his Times, by Dr. BABBITT; Socrates and Plato, by Professor GOODWIN; Elegiac, Iambic, and Lyric Poets, by Dr. GULICK; The Greek Theatre, by Professor WHITE; Dramatic Performances, by Professor WRIGHT.

[1. Homer. — Herodotus. *Mon., Wed., Fri., at 11.*] (III)

Omitted in 1897-98.

Course 1 may be taken during either half-year as a half-course.

2. Aristophanes (Birds). — Aeschylus (Prometheus Bound). — Thucydides (Book I). — Sophocles (Oedipus Tyrannus). — Collateral reading of the Plutus of Aristophanes. — Reading at sight. *Tu., Th., Sat., at 10.* Dr. GULICK. (VIII)

3 *hf.* Greek Prose Composition (third course). — Translation and original composition (narrative and descriptive). *Half-course. Tu., at 2.30.* Mr. C. P. PARKER. (XI)

Course 3 is intended especially for candidates for Second-Year Honors in Classics, and may be taken with Latin 3, although in the same examination group. The final examination in this course is identical with the special examination in Greek Composition for Second-Year Honors.

#### LATIN.

*A.* Cicero (selected speeches). — Virgil. — Practice in reading at sight. *Mon., Wed., Fri., at 11.* Mr. BURRAGE. (III)

Course *A* is intended for students who presented only Elementary Latin at the examination for admission.

- Fhf.* Latin Composition (elementary course). *Half-course. Mon., and (during the first half-year) Fri., at 2.30.* DR. MATHER. (V)  
 Course *F* is intended for students who, at the examination for admission, passed in Elementary (or in Advanced) Latin, but not in Latin Composition. It may be taken with Greek *F*, although in the same examination group.  
 Courses *A* and *F* cannot be counted for Honors.
- B.* Livy (Books XXI and XXII). — Selections from Lyric, Elegiac, and Iambic Poetry. — Terence (Phormio and Heautontimorumenos). — Reading at sight. *Tu., Th., Sat., at 9.* Asst. Professor HOWARD, DR. MANNING, and DR. MATHER. (VII)
- C.* Livy (Book I). — Selections from Lyric, Elegiac, and Iambic Poetry. — Terence (Phormio and Andria). — Reading at sight. *Mon., Wed., Fri., at 11.* MR. C. P. PARKER, DR. MANNING, and DR. MATHER. (III)
- D.* Livy (Book I or selections from Books XXI and XXII). — Selections from Lyric, Elegiac, and Iambic Poetry. — Terence (Phormio and Adelphoe). — Reading at sight. *Two sections: Tu., Th., Sat., at 9, and Mon., Wed., Fri., at 11.* MR. C. P. PARKER and Asst. Professor HOWARD. (VII or III)  
 Courses *B* and *C* are open to students who passed in Advanced Latin for admission, or have passed in Course *A* in College. *Course D is not to be included by the student in his choice of elective studies.* The class for Course *D* is selected early in the year from those who have elected *B* or *C*, partly on the basis of the admission examination in the translation of Latin at sight; but students may be transferred from those courses to Course *D*, or *vice versa*, at any time during the year.  
 Courses *B*, *C*, and *D* cannot be counted for Final Honors, but any one of them may be counted for Second-Year Honors.
- Ehf.* Latin Composition (second course). — Translation of English narrative. *Half-course. Mon., and (during the second half-year) Fri., at 1.30.* DR. MANNING. (XIII)  
 Course *E* may be counted for Second-Year, but not for Final, Honors. It is recommended to Freshmen who propose to be candidates for Second-Year Honors. It may be taken with Greek *E*, although in the same examination group.

LECTURES. — Lectures are provided for the students in Courses *B*, *C*, and *D*, on various topics connected with their studies, including the following:—

Books and Methods of Publication in Ancient Rome, by Asst. Professor HOWARD; The Roman Historians, by Dr. BORSFORD; Livy, by Asst. Professor MORGAN; The Roman Theatre, by Dr. MANNING; The Metrical and Musical Element in Roman Comedy, by Asst. Professor HOWARD.

1. Horace (Odes and Epodes). — Tacitus (selections from the Annals).  
*Mon., Wed., Fri., at 10.* Asst. Professor MORGAN. (II)

2. Tacitus (selections from the Histories). — Horace (Odes and Epodes).  
*Tu., Th., Sat., at 12.* Mr. C. P. PARKER. (X)

Course 1 is open to students who have passed in Course *D* or have passed with distinction in Course *B* or *C*. Course 2 is open to students who have passed in Course *B*, *C*, or *D*, or have attained distinguished credit in Course *A*. Courses 1 and 2 cannot be taken together, nor is either of them open to any student who has already taken the other, or who has taken any of the following courses.

Course 2 may, with the consent of the instructor, be taken during either half-year as a half-course.

3 *hf.* Latin Composition (third course). — Extended study of idiom. — Practice in translation. *Half-course. Th., at 2.30, and consultation-hours at the pleasure of the instructor.* Mr. C. P. PARKER. (XI)

Course 3 is intended especially for candidates for Second-Year Honors, and may be taken with Greek 3, although in the same examination group. The final examination in this course is identical with the special examination in Latin Composition for Second-Year Honors.

#### For Undergraduates and Graduates.

*Besides the following, certain courses Primarily for Graduates may advantageously be taken by duly qualified undergraduates, especially 44, 48, 56, and 39, among the courses to be given in 1897-98.*

#### GREEK.

6. Demosthenes (On the Crown, with parts of the Oration on the Embassy). — Aeschines (Against Ctesiphon). — Aeschylus (Seven against Thebes). — Sophocles (Antigone). — Aristophanes (Frogs.) — Collateral reading. *Tu., Th., Sat., at 10.* Professor WRIGHT. (VIII)

Course 6 may, with the consent of the instructor, be taken during either half-year as a half-course.

7 *hf.* Greek Prose Composition (fourth course). — Written composition in the style of Demosthenes and of Plato, with studies of classical models. — Translation of selections of standard English (rhetorical and philosophical). *Half-course. Th., at 1.30.* Professor WRIGHT. (XIV)

Course 7 is open to those who have already taken Course 3, and may be taken with Latin 7, although in the same examination group. The final examination in this course is identical with the special examination in Greek Composition for Final Honors. It may be taken in two successive years, counting as a half-course in each year, or once a fortnight through two years, counting as a half-course on the record of the second year.

8. Plato (Republic). — Aristotle (Ethics, Books I-IV and X). *Tu., Th., Sat., at 9.* Professor GOODWIN. (VII)

In Course 8 attention will be directed mainly to the subject-matter of the authors read. The course is important for candidates for Final Honors in Classics. It may also be counted for Honors in Philosophy.

- [10. The Life of the Ancient Athenians, described and illustrated by the aid of the Literature and of the Monuments. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor WHITE.] (X)

Omitted in 1897-98.

Course 10 is given alternately with Latin 10.

- [11. History of Greek Literature. — Lectures, with direction of the students' private reading. *Mon., Wed., Fri., at 10.*] (II)  
Omitted in 1897-98.

- 5<sup>1</sup> *hf.* The Elements of Modern Greek. *Half-course (first half-year).* *Mon., Wed., Fri., at 9.* Dr. F. C. BABBITT. (I)

Course 5 is open to those who have taken or are taking Course 1 or 2, or who otherwise satisfy the instructor that they are properly qualified. It cannot be counted for Second-Year or Final Honors.

NOTE. — For a course on the Political History of Greece, see History 2.

#### LATIN.

6. Suetonius (selections). — Pliny (selected Letters). — Juvenal (the principal Satires). — Martial (selected Epigrams). *Mon., Wed., Fri., at 10.* Asst. Professor HOWARD. (II)

- 13<sup>3</sup> *hf.* Catullus and the Elegiac Poets. *Half-course (second half-year).* *Mon., Wed., Fri., at 2.30.* Dr. MANNING. (V)

Courses 6 and 13 are adapted for students who have already taken Course 1 or have passed with distinction in Course 2.

- 7 *hf.* Practice in Latin expression and style (narrative and descriptive). Translation into Latin prose. — Original essays in Latin. *Half-course. Tu., at 1.30.* Professor GREENOUGH. (XIV)

Course 7 is open to students who have passed in Course 3, or who otherwise satisfy the instructor that they are properly qualified. It may be taken with Greek 7, although in the same examination group.

8. Plautus (three plays). — Lucretius. — Horace (Satires and Epistles). *Mon., Wed., Fri., at 11.* Professor GREENOUGH. (III)

Course 8 is important for candidates for Final Honors in Classics.

- 14<sup>2</sup> *hf.* Latin Grammar (Sounds and Inflexions) treated in connexion with Greek Grammar. *Half-course (second half-year).* *Tu., Th., Sat., at 10.* Mr. W. M. LINDSAY. (VIII)



- 9 *hf.* Practice in Latin expression and style (exposition and argument). — Original essays in Latin. *Half-course. Tu., at 1.30.* Professor GREENOUGH. (XIV)  
Course 9 is open to those only who have passed in Latin 7.
10. The Private Life of the Romans, chiefly as illustrated by works of art. — Lectures, with collateral reading. *Tu., Th., Sat., at 12.* Professor GREENOUGH. (X)  
Course 10 is given alternately with Greek 10.
- [11. History of Latin Literature (Poetry). — Lectures, with reading of characteristic selections, and direction of the students' private reading. *Tu., Th., Sat., at 11.* Professor SMITH.] (IX)  
Omitted in 1897-98; to be given in 1898-99.
- [12. History of Latin Literature (Prose). — Lectures, with direction of the students' private reading. *Tu., Th., Sat., at 11.* Professor SMITH.] (IX)  
Omitted in 1897-98.  
Courses 11 and 12 are usually given in alternate years.

NOTE. — For a course on the Political History of Rome, see [History 3].

### Primarily for Graduates.

#### CLASSICAL PHILOLOGY.

- 25 *hf.* Introductory Course in the Text-Criticism and Interpretation of Classical Authors: for 1897-98, Suetonius (Nero). *Half-course. Tu., 2.30-4.* Asst. Professor HOWARD. (XI)  
Course 25 or a similar preparation is required for admission to the Seminary of Classical Philology.
- 44<sup>1</sup> *hf.* Thucydides. *Half-course (first half-year). Tu., Th., Sat., at 10.* Professor GOODWIN. (VIII)
48. Demosthenes. *Mon., 2.30-4.30, and a third hour at the pleasure of the instructor.* Professor WHITE. (VI)
- 27<sup>2</sup> *hf.* The Politics of Aristotle. *Half-course (second half-year). Tu., Th., Sat., at 10.* Professor GOODWIN. (VIII)
54. The Acts of the Apostles. *Mon., Wed., at 3.30.* Mr. ROPES. (VI)  
This course is the same as New Testament 7, announced by the Faculty of Divinity.
- 30<sup>2</sup> *hf.* Plautus, with study of the Captivi. *Half-course (second half-year). Mon., Wed., Fri., at 10.* Mr. W. M. LINDSAY. (II)
50. Roman Satire from Ennius to Juvenal. — Lectures and special studies. *Tu., Th., Sat., at 11.* Asst. Professor MORGAN. (IX)

- 57<sup>1</sup> *hf.* Caesar's Gallic War. — Studies in topography and archaeology. *Half-course (first half-year)*. *Mon., Wed., Fri., at 12.* Professor GREENOUGH. (IV)
- 28<sup>2</sup> *hf.* Latin Grammar (Syntax). *Half-course (second half-year)*. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 12.* Professor GREENOUGH. (IV)
- 58 *hf.* Introduction to Latin Palaeography. *Half-course. Wed., 2.30-4.* Asst. Professor HOWARD. (V)
- 39<sup>2</sup> *hf.* Roman Stoicism in the First Century. — The life and writings of Seneca. *Half-course (second half-year)*. *Mon., Wed., Fri., at 12.* Mr. C. P. PARKER. (IV)
- [40<sup>2</sup> *hf.* Development of Philosophy in the First and Second Centuries. — Marcus Aurelius and the sources of his philosophy in Epictetus, Plutarch, and the Alexandrians. *Half-course (second half-year)*. *Mon., Wed., Fri., at 12.* Mr. C. P. PARKER.] (IV)  
Omitted in 1897-98; to be given in 1898-99.
- 59<sup>2</sup> *hf.* The Mythology and Monuments of Ancient Corinth. — Pausanias (Book II). *Half-course (second half-year)*. *Mon., Wed., Fri., at 9.* Dr. GULICK. (I)
37. The Private Life of the Greeks (second course). Investigation of the literary and monumental sources and study of special topics. *Fri., 2.30-4.30, and a third hour at the pleasure of the instructor.* Professor WHITE. (V)  
Open to those who have taken Greek 10 or have made equivalent studies.
- 60 *hf.* Painting in ancient Greece, with especial reference to vase-painting. — Lectures, practical exercises, reports, and theses. *Half-course. Th., 4-5.30.* Professor WRIGHT. (XII)
- 35 *hf.* Disputed Questions in Athenian Topography. *Half-course. Wed., 4-5.* Professor WHITE. (XIII)

#### 20. THE SEMINARY OF CLASSICAL PHILOLOGY.

DIRECTORS FOR 1897-98: PROFESSOR WRIGHT and Asst. Professor MORGAN.

The design of the Seminary is to afford training in philological criticism and research. The meetings are ordinarily devoted to the text-criticism and interpretation of Greek and Latin authors. Open meetings, at which the members present for discussion theses on topics in Classical Philology, take the place of the ordinary meetings several times in the year. In the conduct of these meetings the Directors have the coöperation of other instructors in the Department.

The authors selected for 1897-98 are Theocritus (with Herondas) and Horace (Odes), and the meetings are held on *Tuesdays and Thursdays, from 2.30 to 4 o'clock.*

Only those are eligible to the Seminary who have taken Course 25 or have had a similar preparation.

Attention is called to Course 2 in Romance Philology, Course 1 in Comparative Literature, Course 12 in Philosophy, and to the following courses in History:—

[History 17. Constitutional History of Athens. Dr. BOTSFORD.] (I)  
Omitted in 1897-98.

History 18. Constitutional History of the Roman Republic to the Social War. Dr. BOTSFORD. (I)

*The courses which are bracketed in the preceding list are either courses which are usually given in alternate years, or courses which will probably be given in 1898-99. The following courses are given at less frequent intervals:—*

Introduction to the Critical Study of Homer.

Greek Elegiac, Iambic, and Lyric Poetry. Dr. GULICK.

Pindar. Professor GOODWIN.

Aeschylus. Professor GOODWIN.

Sophocles. Professor WRIGHT.

Aristophanes. Professor WHITE.

Aristotle's Poetics, with parts of the Rhetoric. Professor GOODWIN.

The Roman Comedy. — Study of the Menaechmi of Plautus.

Cicero's Correspondence. Professor SMITH.

Virgil's Bucolics and Georgics.

Greek and Latin Comparative Philology. Professors GREENOUGH and LANMAN.

Lectures on Greek Grammar, with study of Dialectic Inscriptions.

Introduction to Greek Epigraphy and Palaeography. Professor WRIGHT.

Latin Grammar (Sounds and Inflexions).

The Elements of Oscan and Umbrian.

Cicero's Exposition of Greek Philosophy. Professor GREENOUGH.

Greek Religion and Worship.

Greek Mythology. Dr. GULICK.

The Roman Religion and Worship. Ovid's Fasti.

The Judicial Process of the Athenian Courts. Professor GOODWIN.

Roman Political and Legal Antiquities. Asst. Professor HOWARD.

Private Life of the Romans. Professor GREENOUGH.

The Literary and Epigraphic Sources for the History of Greek Sculpture and Vase-painting. Professor WRIGHT.

## ENGLISH.

## Primarily for Undergraduates.

**A.** Rhetoric and English Composition. — A. S. Hill's Principles of Rhetoric (revised and enlarged edition). — Lectures, recitations, written exercises, and conferences. I, *Mon., Wed., Fri., at 10*; II, *Mon., Wed., Fri., at 11*; III, *Mon., Wed., Fri., at 12*; IV, *Tu., Th., Sat., at 10*; V, *Tu., Th., Sat., at 11*; VI, *Tu., Th., Sat., at 12*. Professors A. S. HILL and BRIGGS, and Messrs. HURLBUT, COPELAND, F. N. ROBINSON, COBB, SCHOFIELD, J. G. HART, LA ROSE, and SHEFFIELD. (X)

Mr. HURLBUT will have the general direction of Course A.

Course A is prescribed for Freshmen and for first-year students in the Scientific School.

In the daily exercises the class will be divided into six sections as indicated above; but at the Mid-year and Final Examinations the whole class will be examined together, on the days assigned to Group X. No student in Course A is allowed to take any other course in Group X.

**Bhf.** English Composition. — Twelve Themes. — Lectures and discussions of themes. *Half-course*. I, *Tu., Th., at 12*; II, *Tu., Th., at 1.30*; III, *Tu., Th., at 2.30*. Mr. C. L. YOUNG.

Course B is prescribed for Sophomores who, having passed in Course A, take neither Course 31 nor Course 22. It is open to those students only who have passed in Course A.

**Chf.** English Composition. — Forensics. — A brief based on a masterpiece of argumentative composition. Three forensics, preceded by briefs. Lectures, class-work, and conferences. *Half-course*. I, *Mon., Wed., at 10*; II, *Mon., Wed., at 11*; III, *Tu., Th., at 10*; IV, *Tu., Th., at 11*; V, *Tu., Th., at 12*. Asst. Professor BAKER, and Messrs. T. HALL, H. L. PRESCOTT, and HUNTINGTON.

Course C is prescribed for Juniors who have passed in Course B, Course 31, or Course 22, and who do not take Course 30. It is open to those students only who have passed in Course B, Course 31, or Course 22.

**BChf.** English Composition. — Written exercises and conferences. *Half-course*. *Wed., at 1.30, and a second hour at the pleasure of the instructors*. Messrs. HURLBUT, T. HALL, and HUNTINGTON.

(XIII)

Course BC, which corresponds in part to Course B and in part to Course C, is prescribed for students in the Scientific School. It is open to those only who have passed in Course A.

Course BC cannot be counted towards the degree of A.B., except with the permission of the Deans of the College and the Scientific School.

31. English Composition. *Tu., Th., at 2.30, and conferences at hours to be announced.* Messrs. GARDINER and LA ROSE. (XI)  
 Course 31 is open to those who, having passed in Course A, prefer an elective course to Course B. It is counted as the equivalent of Course B and a half-course of elective study.  
 Students who signify their intention at the beginning of the year may take Course 31 for the first half-year as the equivalent of Course B.
22. English Composition. *Tu., Th., at 1.30, and conferences at hours to be announced.* Asst. Professor GATES and Messrs. ABBOTT, J. ALDEN, and H. H. CHAMBERLIN. (XIV)  
 Course 22 is similar to Course 31, except that it is open to those only who have attained Grade C in Course A. It is counted as the equivalent of Course B and a half-course of elective study.
- 28 *hf.* English Literature. — History and Development of English Literature in outline. *Half-course. Tu., Th., at 10 (first half-year); Tu., and (at the pleasure of the instructor) Th., at 10 (second half-year).* Professors A. S. HILL, BRIGGS, and KITTEDGE, Asst. Professor WENDELL, and Mr. J. G. HART. (VIII)  
 Course 28 is open to none but Freshmen who have passed the admission examination in English, and first-year Special Students who have passed an equivalent test.
- \*30. Forensics and Debating. *Mon., Wed., Fri., at 3.30.* Asst. Professor BAKER and Mr. HAYES. (VI)  
 Course 30 is counted as the equivalent of Course C and a half-course of elective study.
- \*6 *hf.* Oral Discussion of Topics in History and Economics. *Half-course. I, Th., 3.30-5.30; II, Tu., 3.30-5.30.* Professors TAUSSIG and HART, Asst. Professors E. CUMMINGS and BAKER, and Mr. HAYES, assisted by Mr. H. L. PRESCOTT. (XII)  
 Course 6 is open to Seniors only.
- \*10 *hf.* Elocution. *Half-course. I, Mon., Fri., at 10; II, Mon., Fri., at 12.* Mr. HAYES.  
 Course 10 is open to those only who are approved by the instructor as having already attained some proficiency in Elocution.
- 3<sup>1</sup> *hf.* Anglo-Saxon. — Bright's Anglo-Saxon Reader. *Half-course (first half-year). Mon., Wed., Fri., at 1.30.* Dr. F. N. ROBINSON. (XIII)  
 Course 3<sup>1</sup> requires no previous knowledge of Anglo-Saxon.

#### For Undergraduates and Graduates.

1. English Literature. — Chaucer. *Mon., Wed., Fri., at 9.* Drs. GARRETT and F. N. ROBINSON. (I)

2. English Literature. — Shakspeare (six plays). *Mon., Wed., Fri., at 10.*  
 Professor KITTREDGE. (II)  
 Course 2 may be taken in two successive years.
- 11<sup>1</sup> *hf.* English Literature. — Bacon. *Half-course (first half-year).*  
*Mon., Wed., Fri., at 10.* Dr. GARRETT. (II)
- 11<sup>2</sup> *hf.* English Literature. — Milton. *Half-course (second half-year).*  
*Mon., Wed., Fri., at 10.* Dr. GARRETT. (II)
- [32<sup>1</sup> *hf.* English Literature of the Elizabethan Period. From Tottell's  
 Miscellany to the Death of Spenser (1557-1599). *Half-course*  
*(first half-year).* *Tu., Th., at 12.* Mr. GARDINER and Mr.  
 ——.] (X)  
 Omitted in 1897-98; to be given in 1898-99.
- [32<sup>2</sup> *hf.* English Literature. — From the Death of Spenser to the Closing of  
 the Theatres (1599-1642). *Half-course (second half-year).* *Tu.,*  
*Th., at 12.* Asst. Professor BAKER and Mr. ——.] (X)  
 Omitted in 1897-98; to be given in 1898-99.
- 15<sup>2</sup> *hf.* English Literature. — From the Closing of the Theatres to the  
 Death of Dryden (1642-1700). *Half-course (second half-year).*  
*Tu., Th., at 9.* Professor BRIGGS and Mr. C. L. YOUNG. (VII)
- [7<sup>1</sup> *hf.* English Literature of the Period of Queen Anne. From the Death  
 of Dryden to the Death of Swift (1700-1745). *Half-course*  
*(first half-year).* *Mon., Fri., at 2.30.* Mr. HURLBUT and  
 Mr. ——.] (V)  
 Omitted in 1897-98; to be given in 1898-99.
- [7<sup>2</sup> *hf.* English Literature. — From the Death of Swift to the publication  
 of the Lyrical Ballads (1745-1798). *Half-course (second half-*  
*year).* *Mon., Fri., at 2.30.* Mr. COPELAND and Mr. ——.] (V)  
 Omitted in 1897-98; to be given in 1898-99.
- 8<sup>1</sup> *hf.* English Literature. — From the publication of the Lyrical Ballads to  
 the Death of Scott (1798-1832). *Half-course (first half-year).*  
*Tu., Th., at 11.* Asst. Professor WENDELL. (IX)
- 8<sup>2</sup> *hf.* English Literature. — From the Death of Scott to the Death of  
 Tennyson (1832-1892). *Half-course (second half-year).* *Tu.,*  
*Th., at 11.* Asst. Professor GATES. (IX)
- \*12. English Composition. *Tu., Th., at 2.30.* Professor ARLO BATES  
 (Massachusetts Institute of Technology) and Asst. Professor  
 WENDELL. (XI)  
 With the consent of the instructor, Course 12 may be taken for the  
 first half-year as a half-course.

**Primarily for Graduates.**

- [19<sup>h</sup> *hf.* Historical English Grammar. *Half-course (second half-year).*  
*Three times a week.* Professor KITTREDGE.]  
Omitted in 1897-98; to be given in 1898-99.
- [16 *hf.* History and Principles of English Versification. *Half-course.*  
*Fri., at 11.* Asst. Professor GATES.] (III)  
Omitted in 1897-98; to be given in 1898-99.
- 3<sup>h</sup> *hf.* Anglo-Saxon. — *Béowulf.* — *Half-course (second half-year).*  
*Mon., Wed., Fri., at 11.* Dr. GARRETT. (III)
- 25<sup>h</sup> *hf.* Anglo-Saxon. — *Cædmon.* — *Cynewulf.* • *Half-course (second half-year).* *Tu., Th., at 12.* Professor KITTREDGE. (X)
- [4. Early English. — English Literature from 1200 to 1450. — Mätzner's *Altenglische Sprachproben.* *Mon., Wed., Fri., at 3.30.*  
Professor KITTREDGE and Dr. GARRETT.] (VI)  
Omitted in 1897-98; to be given in 1898-99.  
Course 4 is open to those only who are acquainted with Anglo-Saxon.
- [21<sup>h</sup> *hf.* Early English. — The Metrical Romances. — Lectures and theses.  
*Half-course (second half year).* *Tu., Th., at 12.* Professor KITTREDGE.]  
Omitted in 1897-98; to be given in 1898-99.  
Course 21 is open to those only who are acquainted with Early English and Old French.
- 26<sup>h</sup> *hf.* Langland and Gower. *Half-course (second half-year).* *Three times a week.* Dr. GARRETT.
- 17<sup>h</sup> *hf.* English Literature of the Fifteenth and Sixteenth Centuries in relation to Italian and Spanish Literature of the Fifteenth and Sixteenth Centuries. *Half-course (first half-year).* *Tu., Th., Sat., at 10.* Mr. FLETCHER. (VIII)
- 27<sup>h</sup> *hf.* The English and Scottish Popular Ballads. *Half-course (first half-year).* *Three times a week.* Professor KITTREDGE.  
Course 27 is for Graduates only.
- 18 *hf.* Literary Criticism in England since the Sixteenth Century. *Half-course.* *Mon., at 3.30.* Asst. Professor GATES. (VI)
14. English Literature. — The Drama from the Miracle Plays to the Closing of the Theatres. *Tu., Th., Sat., at 12.* Asst. Professor BAKER. (X)  
Course 14 is open to those only who take or have taken Course 2.

- 9<sup>a</sup> *hf.* English Literature. — Spenser. *Half-course (second half-year).*  
*Tu., Th., Sat., at 10.* Mr. FLETCHER. (VIII)
- [29 *hf.* The English Novel from Richardson to George Eliot. *Half-course.*  
*Wed., at 10.* Professor A. S. HILL.] (II)  
 Omitted in 1897-98.
- 24<sup>1</sup> *hf.* The Poetry of Wordsworth, Coleridge, Tennyson, and Brown-  
 ing. *Half-course (first half-year).* *Tu., Th., at 11.* Professor  
 A. S. HILL. (IX)
5. English Composition (advanced course). *Mon., Wed., Fri., at 12.*  
 Professor A. S. HILL and Asst. Professor WENDELL. (IV)  
 The number of students in this course is necessarily limited.  
 With the consent of the instructor, Course 5 may be taken in two  
 successive years.  
 With the consent of the instructor, Course 5 may be taken as a  
 half-course during the first half-year.

## COURSES OF RESEARCH.

20. During the year 1897-98 the instructors in English will hold them-  
 selves ready to assist and advise competent Graduate Students  
 who may propose plans of special study which shall meet the  
 approval of the Department.
- [20a. English Literature in its relation to German Literature, from 1790 to  
 1830. Asst. Professor GATES.]  
 Omitted in 1897-98.
- 20b. English Literature in its relation to Italian Literature in the Six-  
 teenth Century. Mr. FLETCHER.
- 20c. Literary History of America. Asst. Professor WENDELL.

## GERMANIC LANGUAGES AND LITERATURES.

## GERMAN.

## Primarily for Undergraduates.

- A. Elementary Course. — Grammar. — Translation from German into  
 English, and elementary exercises in translating into German.  
*Three times a week.* Mr. NICHOLS, Dr. BIERWIRTH, and Messrs.  
 W. G. HOWARD, WALZ, COAR, and BROOKS. (XII)  
 Course A is equivalent to the Elementary German of the admission  
 requirements, and is prescribed for Freshmen who did not pre-  
 sent German at the examination for admission, and do not elect  
 Course B. Course A may be taken with French 3, although in  
 the same examination group.



- B. Elementary Course.** — Grammar. — Composition. — Translation and reading at sight. — Selections in Prose and Poetry. (*Five times a week, counting as a course and a half.*) *Mon., Wed., Fri., at 10; Tu., Th., at 3.30.* Dr. POLL. (II and XII)

Course *B* may be substituted for Course *A* by any Freshman for whom Course *A* is prescribed, and it will *also* count as a half-course in his list of elective courses. It is practically equivalent to Courses *A* and *1a* combined. Course *B* may be taken with French 3, although in the same examination group.

- C. German Prose and Poetry.** — Modern Narrative and Historical Prose. — Freytag, *Die Journalisten*. — Schiller, *Wilhelm Tell*. — Goethe, *Hermann und Dorothea*. — Reading at sight. — Grammar and Composition. *Tu., Th., Sat., at 9.* Messrs. W. G. HOWARD and COAR. (VII)

Course *C* is intended for Freshmen who passed the examination in Elementary German for admission. It cannot be taken by a student who has taken Course *A* or any elective course in German.

- 1a. German Prose and Poetry.** — Modern Narrative and Historical Prose. — Lessing, *Minna von Barnhelm*. — Schiller, *Die Jungfrau von Orleans*. — Goethe, *Iphigenie*. — Reading at sight. — Grammar and Composition. *Tu., Th., Sat., at 11.* Messrs. NICHOLS, W. G. HOWARD, and BROOKS. (IX)

- 1b. German Prose.** — Subjects in History and Biography. — Reading at sight. *Mon., Wed., Fri., at 11.* Associate Professor BARTLETT. (III)

Courses *B, C, 1a,* and *1b* are introductory to Courses 2, *2a, 3, 4,* and 6, and they are also equivalent to the Advanced German in the examination for admission (see special note on Course *1b* below).

Courses *1a* and *1b* are parallel courses, and are intended for students who have taken Course *A*. No student is allowed to take both of them, and they are not intended for a student who presented German for admission (see note under Course *C*), or who has taken an elective course in German.

In Course *1b* a large amount will be read, but less attention will be paid to grammar than in Course *1a*, and the course is especially adapted to those students who wish to acquire facility in reading German in preparation for the use of the language in History and other College studies. Students who intend to take, in a subsequent year, Course 2, *2a, 3,* or 4, should take Course *E* in addition to *1b*.

- 1c. German Prose.** — Subjects in Natural Science. — Reading at sight. *Tu., Th., Sat., at 9.* Dr. BIERWIRTH and Mr. WALZ. (VII)

Course *1c* is intended for students who have taken Course *A* or have passed the examination in Elementary German for admission. It may also be taken (to count as a half-course only) by students who take or have taken Course *B, C, 1a,* or *1b*; or who presented Advanced German for admission. It will not remove a condition in Advanced German.

*E hf.* German Grammar and practice in writing German (first course).  
*Half-course. Tu., and (during the first half-year) Th., at 2.30.*

Mr. NICHOLS. (XI)

Course *E* is open to students who passed the examination in Elementary German for admission or who have taken Course *A*.

*F hf.* German Grammar and practice in writing German (second course).  
*Half-course. Tu., and (during the first half-year) Th., at 2.30.*

Dr. BIERWIRTH. (XI)

*G hf.* German Grammar and practice in writing German (third course).  
*Half-course. Th., at 1.30; with conferences at the discretion of the instructor. Dr. POLL. (XIV)*

With the consent of the instructor, Course *G* may be taken in two successive years.

2a. German Literature of the Eighteenth Century.—Selections from the works of Lessing, Goethe, and Schiller.—German Ballads and Lyrics.—Translation.—Reading at sight.—Composition.  
*Mon., Wed., Fri., at 12.* Associate Professor BARTLETT. (IV)

This course is conducted in English and is especially designed for students who have passed the admission examination in Advanced German or who have taken Course *C*.

2. The German Drama of the Classic Period.—Lessing, *Minna von Barnhelm*; Emilia Galotti; Nathan der Weise.—Schiller, *Maria Stuart*; *Die Jungfrau von Orleans*; *Wallensteins Tod*.—Goethe, *Egmont*; *Faust*.—Lectures in German. *Mon., Wed., Fri., at 11.* Dr. POLL. (III)

[3. Schiller and his Contemporaries.—Lessing, Emilia Galotti.—Goethe, *Egmont*; *Faust*.—Schiller, *Kabale und Liebe*; *Wallenstein*; *Maria Stuart*; *Die Braut von Messina*; *Die Jungfrau von Orleans*.—Ballads and Lyrics. Lectures in German. *Tu., Th., Sat., at 10.* Asst. Professor SCHILLING.] (VIII)  
Omitted in 1897–98; to be given in 1898–99.

4. Goethe and his Time.—Lessing, Emilia Galotti.—Schiller, *Wallenstein*.—Goethe, *Götz von Berlichingen*; *Egmont*; *Iphigenie*; *Tasso*; *Dichtung und Wahrheit*; *Faust*.—Lectures in German. *Mon., Wed., Fri., at 1.30.* Professor FRANCKE. (XIII)

Courses 2, 3, and 4 are conducted in German. Of courses 2, 2a, 3, and 4, only one will count as a full course. A student who takes or has taken one of them may take one other as a *half-course*.

6 hf. German Prose (Advanced Course).—Essayists of the Nineteenth Century. *Half-course. Tu., Th., at 12.* Mr. NICHOLS. (X)

In this course a large amount of modern German prose is read. The assigned work will not exceed in amount the requirements of a *half-course*. The course is conducted in English.

## GERMAN LITERATURE.

## For Undergraduates and Graduates.

5. History of German Literature to the Nineteenth Century; with special study of the Classic Periods of the Twelfth and Eighteenth Centuries. — Lectures, reading, and English theses. *Tu., Th., Sat., at 1.30.* Professor FRANCKE, assisted by Mr. J. F. COAR. (XIV)
- 5a<sup>2</sup> *hf.* History of German Literature in the Nineteenth Century. — Lectures, with collateral reading. *Half-course (second half-year).* *Mon., Wed., Fri., at 2.30.* Mr. NICHOLS. (V)
7. German Philosophical Writers. Selections from Kirchner, Logik; Paulsen, Was uns Kant sein kann; Kant, Kritik der reinen Vernunft; Schopenhauer, Die Welt als Wille und Vorstellung; DuBois-Reymond, Ueber die Grenzen des Naturerkennens. *Mon., Wed., Fri., at 10.* Dr. BIERWIRTH. (II)
- This course is open to students who have passed with credit in Philosophy I and in at least one elective course in German.
8. German Literature in the Twelfth and Thirteenth Centuries. — Nibelungenlied. — Kudrun. — Hartmann, Der arme Heinrich. — Wolfram, Parzival. — Walther von der Vogelweide. — Translation into Modern German. — Lectures and theses. *Mon., Wed., Fri., at 1.30.* Asst. Professor VON JAGEMANN. (XIII)
- [9<sup>1</sup> *hf.* The Mystic Movement and its relation to German Religious Poetry and Art of the later Middle Ages. — Meister Eckhart; Suso; Tauler. — The Religious Sculpture of the Thirteenth Century. — Legendary Narrative of the Fourteenth Century. *Half-course (first half-year).* *Mon., Wed., at 3.30.* Professor FRANCKE.] (VI)
- Omitted in 1897-98; to be given in 1898-99.
- [9<sup>2</sup> *hf.* German Religious Painting and Sculpture from the Van Eycks to Dürer and Vischer; with reference to the Religious Drama of the Fifteenth Century. *Half-course (second half-year).* *Mon., Wed., at 3.30.* Professor FRANCKE.] (VI)
- Omitted in 1897-98; to be given in 1898-99.
- 10 *hf.* German Literature from the Reformation to the Classic Period of the Eighteenth Century. — Lectures, reading, and theses. *Half-course.* *Sat., at 10.* Dr. POLL. (VIII)
- 11<sup>1</sup> *hf.* The German Romantic Movement; with special reference to its social and political aspects. — The brothers Schlegel. — Tieck. — Novalis. — Arnim. *Half-course (first half-year).* *Mon., Wed., at 3.30.* Professor FRANCKE. (VI)

- 11<sup>2</sup> *hf.* The German Romantic Movement; with special reference to its social and political aspects. — Kleist. — Uhland. — Hoffmann. — Heine. *Half-course (second half-year). Mon., Wed., at 3.30.* Professor FRANCKE. (VI)  
 Courses 5, 8, 9<sup>1</sup>, 9<sup>2</sup>, 10, 11<sup>1</sup>, and 11<sup>2</sup> are conducted in German.

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**GERMANIC PHILOLOGY.**

**Primarily for Graduates.**

- 12<sup>1</sup> *hf.* Gothic. Introduction to the study of Germanic Philology. *Half-course (first half-year). Tu., Th., Sat., at 9.* Asst. Professor VON JAGEMANN. (VII)
- [14<sup>2</sup> *hf.* Old Saxon. *Half-course (second half-year). Twice a week.* Asst. Professor VON JAGEMANN.] (V)  
 Omitted in 1897-98; to be given in 1898-99.  
 Courses 14 and 15 are given alternately with Course 21.
18. Icelandic (Old Norse). — Selections from the Sagas and the Elder Edda. *Mon., Wed., Fri., at 12.* Dr. SCHOFIELD. (IV)
- [15<sup>1</sup> *hf.* Old High German. *Half-course (first half-year). Mon., Wed., Fri., at 2.30.* Asst. Professor VON JAGEMANN. (V)  
 Omitted in 1897-98; to be given in 1898-99.  
 Courses 14 and 15 are given alternately with Course 21.
- [17<sup>2</sup> *hf.* Middle Low German. *Half-course (second half-year). Three times a week.* Dr. POLL.]  
 Omitted in 1897-98; to be given in 1898-99.
21. History of the German Language. *Mon., Wed., Fri., at 2.30.* Asst. Professor VON JAGEMANN.  
 This course alternates with Courses 14 and 15.
- 16<sup>1</sup> *hf.* Germanic Mythology. *Half-course (first half-year). Mon., Wed., Fri., at 11.* Professor KITTREDGE. (III)
- [18<sup>2</sup> *hf.* Germanic Antiquities. *Half-course (second half-year). Asst. Professor SCHILLING.]*  
 Omitted in 1897-98; to be given in 1898-99.

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**SEMINARY COURSES IN GERMANIC LANGUAGES AND LITERATURES.**

**Primarily for Graduates.**

- 20a. Selected Topics in the History of the German Language. Asst. Professor VON JAGEMANN.
- 20b. The Tiersage. Dr. POLL.
- 20c. Selected Topics in the History of the German Romantic Movement. Professor FRANCKE.

## ROMANCE LANGUAGES AND LITERATURES.

## FRENCH.

*Students who lack the qualifications for admission to a particular course which are specified in the description of that course must consult the instructor before enrolment. All the courses, unless otherwise stated, are conducted in French.*

**Primarily for Undergraduates.**

- A. Elementary Course.—French Prose and Composition. I and IV, *Mon., Wed., Fri., at 9*; II, *Mon., Wed., Fri., at 10*; III, *Mon., Wed., Fri., at 1.30*. Messrs. C. H. C. WRIGHT, LA MESLÉE, and HENNING. (XII)

Course A is conducted in English. It is equivalent to the Elementary French of the admission requirements, and is prescribed for Freshmen who did not present French at the examination for admission.

- 1b. French Prose, Historical and General.—Translation from French into English. I, *Tu., Th., Sat., at 11*; II, *Tu., Th., Sat., at 12*; III, *Mon., Wed., Fri., at 9*. Messrs. I. BABBITT and HENNING. (IX)

This course is conducted in English. It is open to students who have passed in Course A, or have passed the admission examination in Elementary French.

Seniors taking Course 1b cannot, save in exceptional cases, count it towards the degree of A.B. See notes under Course 1a.

- 1c. Reading, translation, grammar, and composition. *Mon., Wed., Fri., at 3.30*. Mr. LA MESLÉE. (VI)

This course is conducted mainly in English, during the first part of the year. It is open to students who have passed in Course A, or have passed the admission examination in Elementary French.

Seniors taking Course 1c cannot, save in exceptional cases, count it towards the degree of A.B. See notes under Course 1a.

- 1a. Reading, translation, grammar, and composition. *Tu., Th., Sat., at 10*. Asst. Professor DE SUMICHRAST and Mr. LA MESLÉE. (VIII)

This course is conducted mainly in French. It is open to students who have passed in Course A, or have passed the admission examination in Elementary French.

Seniors taking Course 1a cannot, save in exceptional cases, count it towards the degree of A.B.

Students are not permitted to take more than one course in the series 1b, 1c, 1a. Courses 1c and 1a are parallel courses and are both introductory to Courses 2c and 2a. The work is the same in both, but 1c is intended for students who have not had previous training in the understanding of spoken French.

Courses 1b, 1c, and 1a are not open to students who have passed in Advanced French at the admission examination.

- 2c. French Prose and Poetry. — Corneille. — Racine. — Molière. — Beaumarchais. — Victor Hugo. — Alfred de Musset. — Balzac. — Composition. I, *Mon., Wed., Fri.*, II, *Tu., Th., Sat.*, at 10. DR. MARCOU and MR. CESTRE. (II)

This course is conducted in English. See notes under Course 2a.  
Students who take Course 2c may take no other course in Group II.

- 2a. French Prose and Poetry. — La Fontaine. — Corneille. — Racine. — Molière. — Victor Hugo. — George Sand. — Taine. — Renan. — Composition. I, *Mon., Wed., Fri.*, at 1.30; II, *Mon., Wed., Fri.*, at 10; III, *Mon., Wed., Fri.*, at 11. Messrs. C. H. C. WRIGHT and I. BABBITT. (XIII)

This course is conducted in French.

Students who take Course 2a may take no other course in Group XIII.

Courses 2c and 2a are parallel courses, and are introductory to Courses 6c and 6. One only of them may be taken. They are open to students who have passed in Course 1b, 1c, or 1a, with a grade not lower than C, or have passed the admission examination in Advanced French.

- 3 hf. Practice in speaking and writing French (elementary course). *Half-course. Tu., Th.*, at 3.30. Messrs. BRUN and LA MESLÉE. (XII)

Course 3 is open to students who have passed in Course A with a grade not lower than C, or have done equivalent work in French. It may be taken with German A or B, although in the same examination group.

Seniors taking Course 3 cannot, save in exceptional cases, count it towards the degree of A.B.

- 4 hf. Practice in speaking and writing French (intermediate course). *Half-course. Mon., Fri.*, at 3.30. MR. BRUN. (VI)

Course 4 is open to students who have passed in Course 3 with a grade not lower than C.

- 5 hf. Practice in speaking and writing French (advanced course). — Oral discussions. *Half-course. Tu., Th.*, at 2.30. MR. BRUN. (XI)

Open to students who have passed in Course 4 with a grade not lower than B, or have done equivalent work.

Of Courses 3, 4, and 5, two only may be counted towards the degree of A.B.

#### For Undergraduates and Graduates.

- 6c. General view of French Literature. — Reading, recitations, lectures, composition. *Tu., Th., Sat.*, at 10. PROFESSOR GRANDGENT and MR. I. BABBITT. (VIII)

This course is conducted in English.

For conditions of admission see under Course 6.

6. General view of French Literature — Lectures, reading, themes, and collateral reading. *Mon., Wed., Fri., at 9.* Asst. Professor DE SUMICHRAST. (I)  
 Course 6 is mainly a lecture course with a large amount of reading. Courses 6c and 6 are parallel courses, and are open to students who have passed in Course 1c or 1a with the grade of A, or in Course 2c or 2a with a grade not lower than C.  
 Of Courses 6c and 6, one only may be taken.
13. The rise and growth of Classicism in French Literature. — Lectures, reading and theses. *Tu., Th., Sat., at 9.* Mr. C. H. C. WRIGHT. (VII)  
 This course is conducted in English, and is open to students who have passed in Course 6c or 6 with a grade not lower than C.
14. French Lyric Poetry from Villon and the Fifteenth Century to the present time. — Lectures, reading of texts, and theses. *Tu., Th., Sat., at 12.* Dr. MARCOU. (X)  
 This course is conducted in English, and is open to students who have passed in Course 6c or 6 with a grade not lower than C.
- 7<sup>1</sup> hf. Victor Hugo and the Romanticist movement. — Lectures, themes, and collateral reading. *Half-course (first half-year).* *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Asst. Professor DE SUMICHRAST. (IX)
- 7<sup>2</sup> hf. Victor Hugo and the reaction against the Romanticist movement. — Lectures, themes and collateral reading. *Half-course (second half-year).* *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Asst. Professor DE SUMICHRAST. (IX)
- [8<sup>1</sup> hf. Voltaire and his contemporaries. — Lectures, reading, themes, and collateral reading. *Half-course (first half-year).* *Tu., Th., Sat., at 11.* Asst. Professor DE SUMICHRAST.] (IX)  
 Omitted in 1897-98; to be given in 1898-99.
- [8<sup>2</sup> hf. The Drama in the Eighteenth Century. — Lectures, reading, themes, and collateral reading. *Half-course (second half-year).* *Tu., Th., Sat., at 11.* Asst. Professor DE SUMICHRAST.] (IX)  
 Omitted in 1897-98; to be given in 1898-99.  
 Courses 7<sup>1</sup>, 7<sup>2</sup> and 8<sup>1</sup>, 8<sup>2</sup> are given in alternate years.
9. French Literature in the Seventeenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 10.* Professor F. BÔCHER. (VIII)
- [10. French Literature in the Sixteenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 10.* Professor F. BÔCHER.] (VIII)  
 Omitted in 1897-98; to be given in 1898-99.  
 Courses 9 and 10 are given in alternate years.  
 Courses 7<sup>1</sup>, 7<sup>2</sup>, 8<sup>1</sup>, 8<sup>2</sup>, 9, and 10 are open to students who have passed Course 6c or 6 with a grade not lower than C.

**Primarily for Graduates.**

11. Old French Literature. — Rapid reading of texts with consideration of their literary relations. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 10.* Dr. SCHOFIELD. (II)  
This course is conducted in English.  
Course 11 is open to students who take or have taken Romance Philology 3. With the consent of the instructor, others may be admitted.
- [12. Old French Literature. — The national Epic poetry (the *Chansons de geste*). *Mon., Wed., and (at the pleasure of the instructor) Fri., at 10.* Professor SHELDON.] (II)  
Omitted in 1897–98; to be given in 1898–99.
- [15. French Comedy in the Sixteenth and Seventeenth Centuries. *Mon., Wed., at 10.* Professor F. BÔCHER.] (II)  
Omitted in 1897–98; to be given in 1898–99.
16. French Tragedy in the Sixteenth and Seventeenth Centuries. *Mon., Wed., at 10.* Professor F. BÔCHER. (II)

**ITALIAN.****Primarily for Undergraduates.**

1. Elements of Grammar. — Selections from modern authors. — Elementary exercises in writing Italian. *Tu., Th., Sat., at 1.30.* Asst. Professor MARSH and Mr. SKINNER. (XIV)  
Course 1 is properly introductory to Course 2; and students who have not taken Course 1 will be permitted to take Course 2 only on satisfying the instructor of their fitness to do so.  
*Students are not permitted to elect Italian 1 and Spanish 1 in the same year.*

**For Undergraduates and Graduates.**

2. Literature of the Fifteenth and Sixteenth centuries. — Torquato Tasso. — Ariosto. — Machiavelli. — Benvenuto Cellini. — Leopardi. — Reading at sight. — Syntax and prose composition. *Tu., Th., Sat., at 9.* Mr. FLETCHER. (VII)  
Courses 1 and 2 cannot be taken in the same year.

**Primarily for Graduates.**

- [3. Literature of the Thirteenth and Fourteenth Centuries. — Selections from Boccaccio, Petrarca, Dante. — Early Italian. — *Monaci's Crestomazia italiana dei primi secoli.* *Mon., Wed., Fri., at 2.30.* Professor GRANDGENT.] (V)  
Omitted in 1897–98; usually given in alternate years.



4. Literature and the Fine Arts in Italy during the Middle Ages and the Renaissance, with special study of Dante. *Tu., Th., at 11, and a third hour at the pleasure of the instructor.* Professor NORTON. (IX)

In this course a knowledge of Italian is required.

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**SPANISH.**

**Primarily for Undergraduates.**

1. Grammar, reading, and composition. — Modern novels and plays. — *Mon., Wed., Fri., at 1.30.* Asst. Professor MARSH and Mr. SKINNER. (XIII)

Course 1 is properly introductory to Course 2; and students who have not taken Course 1 will be permitted to take Course 2 only on satisfying the instructor of their fitness to do so.

*Students are not permitted to elect Italian 1 and Spanish 1 in the same year.*

**For Undergraduates and Graduates.**

- \*2. Literature of the Sixteenth and Seventeenth Centuries. — Cervantes, Lope de Vega, Calderón. — Composition. *Mon., Wed., Fri., at 11.* DR. MARCOU. (III)

**Primarily for Graduates.**

- [3. Early Spanish. — The Poem of the Cid. — Spanish Literature to the Fifteenth Century. *Mon., Wed., Fri., at 11.* Professor SHELDON.] (III)

Omitted in 1897-98; to be given in 1898-99.

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**ROMANCE PHILOLOGY.**

**Primarily for Graduates.**

3. Old French. — Phonology and Inflections. — The oldest texts. — La Chanson de Roland. — Chrétien de Troyes. — Aucassin et Nicolette. *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Professor GRANDGENT. (IX)
4. Provençal. — Language and Literature, with selections from the poetry of the troubadours. *Tu., Th., Sat., at 9.* Professor GRANDGENT. (VII)
- [5<sup>1</sup> *hf.* Low Latin. *Half-course (first half-year).* *Tu., Th., at 2.30.* Professor SHELDON.] (XI)

Omitted in 1897-98; to be given in 1898-99.

- [6. Old French Dialects, with special reference to Anglo-Norman. *Tu., Th., at 9.* Professor SHELDON.] (VII)  
Omitted in 1897-98; usually given in alternate years.
- [7 *hf.* The French Element in English. *Half-course. Th., at 11, and a second hour at the pleasure of the instructor.* Professor SHELDON.] (IX)  
Omitted in 1897-98; to be given in 1898-99.
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Here for convenience is placed:—

- 2<sup>h</sup> *hf.* General Introduction to Linguistic Science.—Phonetics.—Lectures on the Principles of Change in Language. *Half-course (second half-year). Tu., Th., Sat., at 1.30.* Professor GRANDGENT and Asst. Professor VON JAGEMANN. (XIV)  
To be omitted in 1898-99.
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#### COMPARATIVE LITERATURE.

##### For Undergraduates and Graduates.

2. Mediaeval Literature in the vulgar tongues, with especial reference to the influence of France and Provence. — Lectures and theses. *Mon., Wed., Fri., at 10.* Asst. Professor MARSH. (II)

##### Primarily for Graduates.

- [1. The History of Latin Literature in the Middle Ages (beginning with the Fourth Century), and its relations to Classic and Modern Literature. — Lectures and theses. *Tu., Th., Sat., at 10.* Asst. Professor MARSH.] (VIII)  
Omitted in 1897-98; usually given in alternate years.
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#### COURSES OF SPECIAL STUDY IN ROMANCE LANGUAGES AND LITERATURES.

##### Primarily for Graduates.

- 20a. The Comedies of Molière and those of his immediate predecessors, his contemporaries, and his immediate successors. *Mon., Wed., at 5.* Professor F. BÔCHER,
- [20b. The Essays of Montaigne and their influence on later thought. *Mon., Wed., at 5.* Professor F. BÔCHER.]  
Omitted in 1897-98; to be given in 1898-99.
- 20c. The syllabic value of contiguous vowels in French verse during the Fourteenth and Fifteenth centuries. Dr. MARCOU.

- 20*d.* Opportunities will be afforded to competent students for the investigation of special subjects in Romance Philology.
- 20<sup>e</sup> *hf.* The Origin and Development of Historical Epic Poetry in Mediaeval Europe. *Half-course (first half-year)*. *Mon., Wed., Fri., at 9.* Asst. Professor MARSH.
- [20<sup>f</sup> *hf.* The Legendary and Poetic material of Celtic origin and its treatment in the Narrative Poetry of the Middle Ages. *Half-course (second half-year)*. *Mon., Wed., Fri., at 9.* Asst. Professor MARSH.]
- Omitted in 1897-98; usually given in alternate years.

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## CELTIC.

### Primarily for Graduates.

- 1<sup>1</sup> *hf.* Old Irish. — Grammar and interpretation of texts. — General introduction to Celtic Philology. *Half-course (first half-year)*. *Tu., at 3.30, and Th., from 8 to 10 P.M.* Dr. F. N. ROBINSON. (XII)
- 2<sup>2</sup> *hf.* Middle Irish. — Windisch, Irische Texte. — Lectures on the history of Celtic literature. *Half-course (second half-year)*. *Tu., at 3.30, and Th., from 8 to 10 P.M.* Dr. F. N. ROBINSON. (XII)

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## SLAVIC LANGUAGES.

### For Undergraduates and Graduates.

- 1*a.* Russian. — Grammar, reading, and composition. *Tu., Th., Sat., at 9.* MR. WIENER. (VII)
- 1*b.* Russian. — Literature of the Nineteenth Century. Pushkin, Gogol, Turgenyev, Tolstoy. — Composition. *Tu., Th., Sat., at 11.* MR. WIENER. (IX)
- 2*a.* Polish. — Grammar, reading, and composition. *Three times a week.* MR. WIENER.
- [2*b.* Polish. — Literature of the Nineteenth Century. Mickiewicz, Krasiński, Slowacki, Pol, Kalina, Sienkiewicz. *Three times a week.* MR. WIENER.]
- Omitted in 1897-98.

### Primarily for Graduates.

- 3<sup>1</sup> *hf.* Old Church Slavic. — Leskien, Handbuch der altpulgarischen Sprache. *Half-course (first half-year)*. *Three times a week.* MR. WIENER.

**HISTORY AND POLITICAL SCIENCE.**

*Knowledge of German will be of advantage in any of the courses in History and Political Science; and ability to make use of French text-books will be assumed.*

**HISTORY.****Primarily for Undergraduates.**

1. Mediaeval and Modern European History (introductory course).  
*Mon., Wed., Fri., at 9.* Dr. COOLIDGE, assisted by Messrs. FAY, ALLEN, and ANDREW. Lectures by several members of the Department. (I)

For Juniors and Seniors. Course 1 may be counted only as a half-course. It cannot be counted for Final Honors or for Honorable Mention.

**For Undergraduates and Graduates.**

*In order to be admitted to any of the following courses, students must have passed satisfactorily in a suitable introductory course, or must otherwise satisfy the instructor of their fitness to proceed.*

2. Political History of Greece to the Roman Conquest. *Mon., Wed., Fri., at 12.* Dr. BOTSFORD. (IV)  
Courses 2 and 3 are usually given in alternate years. They are open to students who have passed satisfactorily in Ancient History at the examination for admission.
- [3. Political History of Rome to the Reign of Diocletian. *Mon., Wed., Fri., at 12.* Dr. BOTSFORD.] (IV)  
Omitted in 1897-98.  
Courses 2 and 3 are usually given in alternate years.
5. The Mediaeval Church. — Formation of National Churches in the Germanic States. — Establishment of the Mediaeval Papacy and its development as the controlling force in European Life. — The Holy Roman Empire. *Tu., Th., at 9.* Professor EMERTON. (VII)  
This course is the same as Church History 2, announced by the Faculty of Divinity.
6. History of the Early Church, with special reference to the Patristic Literature. *Wed., Fri., at 2.30.* Asst. Professor PLATNER. (V)
7. The Era of the Reformation in Europe from the rise of Italian Humanism to the close of the Council of Trent (1350-1563). *Tu., Th., at 11.* Professor EMERTON. (IX)  
This course is the same as Church History 3, announced by the Faculty of Divinity.

21. History of the Church since the Reformation. *Wed., Fri., at 9.*  
Asst. Professor PLATNER. (I)  
This course is the same as Church History 4, announced by the  
Faculty of Divinity.
8. History of France to the Reign of Francis I. *Mon., Wed., and (at  
the pleasure of the instructor) Fri., at 11.* Asst. Professor  
GROSS. (III)
9. Constitutional History of England to the Sixteenth Century. *Mon.,  
Wed., Fri., at 10.* Asst. Professor GROSS. (II)
11. History of England during the Tudor and Stuart Periods. *Mon., Wed.,  
Fri., at 12.* Professor CHANNING. (IV)
- 12<sup>1</sup> *hf.* Constitutional History of England since the Reign of George II.  
*Half-course (first half-year).* *Tu., Th., Sat., at 11.* Professor  
MACVANE, assisted by Mr. ——. (IX)  
Open to those only who take or have taken either Government 1,  
or History 9, or History 11.
- 12<sup>2</sup> *hf.* History of Continental Europe since the middle of the Eighteenth  
Century. *Half-course (second half-year).* *Tu., Th., Sat., at  
11.* Professor MACVANE, assisted by Mr. ——. (IX)
- [15<sup>1</sup> *hf.* History of Northern and Eastern Europe (Denmark, Sweden,  
Poland, Russia, Turkey) from 1453 to 1795. *Half-course (first  
half-year).* *Mon., Wed., Fri., at 2.30.* Dr. COOLIDGE.] (V)  
Omitted in 1897-98. Courses 15 and 19 are usually given in  
alternate years.
- 19<sup>1</sup> *hf.* The Eastern Question. *Half-course (first half-year).* *Mon.,  
Wed., Fri., at 2.30.* Dr. COOLIDGE. (V)  
Open to those only who have passed satisfactorily in Course 12<sup>2</sup>.  
Courses 15 and 19 are usually given in alternate years.
10. American History (to 1783). *Mon., Wed., Fri., at 11.* Professor  
CHANNING, assisted by Mr. BELL. (III)
13. Constitutional and Political History of the United States (1783-1865).  
*Tu., Th., Sat., at 12.* Professor HART, assisted by Messrs.  
LEARNED and WHITE. (X)
- \*14. History of American Diplomacy: Treaties; application of Inter-  
national Law; Foreign Policy. *Tu., Th., Sat., at 10.* Pro-  
fessor HART. (VIII)  
Open to those only who have taken a narrative course in American  
History and a course in International Law.

**Primarily for Graduates.**

- [16. History of Federal States: Subject for 1897-98, Constitutional and  
Political History of Germany (1356-1897). *Tu., Th., Sat., at 10.*  
Professor HART.] (VIII)  
Omitted in 1897-98.  
Open to those only who can read German with ease.

- [17. Constitutional History of Athens. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 9.* Dr. BOTSFORD.] (I)  
Omitted in 1897-98.  
Courses 17 and 18 are usually given in alternate years.
18. Constitutional History of the Roman Republic to the Social War. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 9.* Dr. BOTSFORD. (I)  
Courses 17 and 18 are usually given in alternate years.
22. The Sources and Literature of English Constitutional History. *Tu., at 2.30.* Asst. Professor GROSS. (XI)  
Course 22 may be taken as a half-course. At the convenience of instructor and students it may be given in either half-year.
- 25<sup>h</sup> *hf.* The Elements of Latin Palaeography, with reference to the use of historical sources. *Half-course (second half-year.) Mon., Wed., Fri., at 3.30.* Mr. SULLIVAN. (VI)

## SEMINARY COURSES.

- 20a. Church and State. Professor EMERTON.
- 20b. English Institutions in the Middle Ages. Asst. Professor GROSS.
- 20c. Recent Constitutional History. *Wed., at 12.* Professor MACVANE.
- 20d. Recent Diplomatic History of Europe. Dr. COOLIDGE.
- 20e. American History and Institutions. *Mon., at 3.30.* Professors CHANNING and HART.

NOTE. — For other historical courses see Semitic 6, 12, 14, 15; Greek 10; Latin 10; Classical Philology 37; the courses in Government; Economics 6, 10, 11; Fine Arts 3, 4.

## GOVERNMENT.

*The History of Government in the leading countries is treated in the courses in History. A considerable knowledge of History is required as a preparation for the work of the following courses, except in the case of Course 1.*

**Primarily for Undergraduates.**

- 1<sup>h</sup> *hf.* Constitutional Government (elementary course). *Half-course (first half-year). Tu., Th., Sat., at 9.* Professor MACVANE, assisted by Mr. SEAMAN. (VII)  
Course 1 is recommended for students who expect to take History 11, 12, or 13. It is not open to students who have taken any one of those courses, nor can it be counted towards the degree of A.B. for Seniors, or towards Final Honors or Honorable Mention.

**For Undergraduates and Graduates.**

- \*4. Elements of International Law, and the History of European Diplomacy since the Seven Years' War. *Mon., Wed., Fri., at 1.30.* Professor MACVANE, assisted by Mr. BIGELOW. (XIII)  
Students intending to take this course are advised to take History 12 and 13 by way of preparation for it.
- \*7<sup>2</sup> *hf.* Leading Principles of Constitutional Law : selected cases, American and English. *Half-course (second half-year).* *Tu., Th., Sat., at 9.* Professor MACVANE, assisted by Mr. SEAMAN. (VII)
- 8<sup>2</sup> *hf.* Selected Topics from the Canon Law, with reference also to the principles of Protestant Church Law. *Half-course (second half-year).* *Tu., Th., at 2.30.* Professor EMERTON. (XI)  
This course is the same as Church History 6<sup>2</sup> *hf.*, announced by the Faculty of Divinity.
- 9<sup>1</sup> *hf.* Theories of the State in the Middle Ages. *Half-course (first half-year).* *Mon., Wed., Fri., at 3.30.* Mr. SULLIVAN. (VI)

**Primarily for Graduates.**

5. The Roman Law : Selected Topics. *Wed., Fri., at 10.* Asst. Professor WILLIAMS. (II)  
This course is also announced by the Faculty of Law.
10. Modern Governments : Studies in existing Political Systems and in the influence of Political Parties. *Tu., Th., at 1.30, and a third hour at the pleasure of the instructor.* Mr. A. L. LOWELL. (XIV)
11. History of Political Theories, with especial reference to the Origin of American Institutions. — Studies from Machiavelli, Calvin, Hobbes, the Puritan State Papers, Winthrop, Locke, Rousseau, Otis, Jefferson, Madison, and others. *Th., at 7.30.* Professor CHANNING.
- [12. The American Political System, national, state, and municipal. *Tu., Th., Sat., at 10.* Professor HART.] (VIII)  
Omitted in 1897-98.
14. Constitutional Law. *Mon., Wed., at 12.* Professor J. B. THAYER. (IV)  
This course is also announced by the Faculty of Law.
- 15<sup>1</sup> *hf.* International Law (advanced course). *Half-course (first half-year).* *Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Professor BEALE. (VIII)

Research work in Government is included in the Seminary Courses in History.

**ECONOMICS.****Primarily for Undergraduates.**

1. Outlines of Economics. — Principles of Political Economy. — Lectures on Economic Development, Social Questions, and Financial Legislation. *Mon., Wed., Fri., at 9.* Professor TAUSSIG, Asst. Professor E. CUMMINGS, Dr. J. CUMMINGS, and Messrs. GRIFFIN, MIXTER, and WARREN. (I)

**For Undergraduates and Graduates.**

*The Courses for Graduates and Undergraduates are open to students who have passed satisfactorily in Course I. Courses 5, 6, 7, and 9 are also open to Juniors and Seniors of good standing who take Course I at the same time; and Course 11 is open to students who have passed satisfactorily either in Economics I or in History I.*

- \*15. The History and Literature of Economics to the Close of the Eighteenth Century. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 12.* Professor ASHLEY. (IV)
- \*2. Economic Theory in the Nineteenth Century. *Mon., Wed., Fri., at 2.30.* Professor TAUSSIG. (V)
- \*13<sup>h</sup> *hf.* Scope and Method in Economic Theory and Investigation. *Half-course (second half-year.) Mon., Wed., Fri., at 11.* Professor ASHLEY. (III)
- This course is usually given every other year.
- \*3. The Principles of Sociology. — Development of the Modern State, and of its Social Functions. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 1.30.* Asst. Professor E. CUMMINGS. (XIII)
- \*14. Socialism and Communism. — History and Literature. *Tu., Th., and (at the pleasure of the instructor) Sat., at 9.* Asst. Professor E. CUMMINGS. (VII)
- [\*10. The Mediaeval Economic History of Europe. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor ASHLEY.] (X)
- Omitted in 1897-98. Courses 10 and 11 are usually given in alternate years.
11. The Modern Economic History of Europe and America (from 1500). *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor ASHLEY. (X)
- Courses 10 and 11 are usually given in alternate years.
6. The Economic History of the United States. *Tu., Th., Sat., at 2.30.* Dr. CALLENDER. (XI)



9. The Labor Question in Europe and the United States. — The Social and Economic Condition of Workingmen. *Tu., Th., Sat., at 10.* Asst. Professor E. CUMMINGS and Dr. J. CUMMINGS. (VIII)
- \*4. Statistics. — Applications to Social and Economic Problems. — Studies in Movements of Population. — Theory and Method. *Mon., Wed., Fri., at 11.* Dr. J. CUMMINGS. (III)
- 5<sup>2</sup> hf. Public Works, Railways, Postal and Telegraph Service, and Monopolized Industries, under Corporate and Public Management. *Half-course (second half-year).* *Tu., Th., Sat., at 1.30.* Mr. MEYER. (XIV)
- \*16<sup>2</sup> hf. Selected Topics in the Financial Legislation of the United States. *Half-course (second half-year).* *Tu., Th., at 2.30.* Professor DUNBAR. (XI)
- \*7<sup>1</sup> hf. The Theory and Methods of Taxation, with special reference to Local Taxation in the United States. *Half-course (first half-year).* *Tu., Th., and (at the pleasure of the instructor) Sat., at 1.30.* Professor TAUSSIG. (XIV)
- \*7<sup>2</sup> hf. Financial Administration and Public Debts. *Half-course (second half-year).* *Tu., Th., Sat., at 11.* Professor DUNBAR. (IX)
- \*12<sup>1</sup> hf. International Payments and the Flow of the Precious Metals. *Half-course (first half-year).* *Tu., Th., Sat., at 11.* Professor DUNBAR and Mr. MEYER. (IX)
- [\*12<sup>2</sup> hf. Banking and the History of the leading Banking Systems. *Half-course (second half-year).* *Tu., Th., Sat., at 11.* Professor DUNBAR.] (IX)
- Omitted in 1897-98.

### Primarily for Graduates.

#### 20. THE SEMINARY IN ECONOMICS.

Professors DUNBAR, TAUSSIG, and ASHLEY and Asst. Professor E. CUMMINGS will guide competent students in research on topics assigned after consultation. The Seminary will hold fortnightly meetings, on *Mondays at 4.30*; and in addition students will confer on the alternate Mondays with the instructors under whose guidance they carry on their investigations.

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## PHILOSOPHY.

### Primarily for Undergraduates.

- 1a. General Introduction to Philosophy. — *First half-year*: Logic, Professor PALMER. *Second half-year*: Psychology, Professor MÜNSTERBERG. — Jevons, Lessons in Logic; James, Psychology (briefer course). *Mon., Wed., Fri., at 2.30.* Professors PALMER and MÜNSTERBERG, assisted by Dr. RAND. (V)

16. **Outlines of the History of Philosophy, and Introduction to the Study of the Problems of Philosophical Theory.**—Weber, *History of European Philosophy*. *Tu., Th., Sat., at 1.30.* Professor ROYCE, assisted by Dr. RAND. (XIV)

Courses 1a and 1b are both intended to cover ground that is useful as a preparation for the studies of the more advanced courses. These two elementary courses, however, are independent of each other, and may, with equal advantage, be taken in the same year, or in either order in successive years. It is also possible to pursue higher courses after having taken one of the elementary courses and without taking the other. Either of these courses may be counted as one full course by any student not a Senior; but a Senior may count either of them as one half-course only. Course 1a cannot be counted at all unless the student passes in the work of both half-years.

#### For Undergraduates and Graduates.

- 2<sup>1</sup> *hf.* **Advanced Psychology.**—Lectures, prescribed readings, and a thesis. *Half-course (first half-year)*. *Mon., Wed., Fri., at 12.* Professor MÜNSTERBERG. (IV)
- 14<sup>1</sup> *hf.* **Experimental Psychology (elementary laboratory course).**—The psychology of sensation, and of the elementary mental processes.—Sanford, *Laboratory Course in Psychology*.—Two lectures and four hours of laboratory work each week. A thesis. *Half-course (first half-year)*. *Tu., Th., at 1.30.* Mr. LOUGH. (XIV)
- 14<sup>2</sup> *hf.* **Experimental Psychology (advanced course).**—Systematic exercises in the technique and use of instruments employed in research work.—One lecture and six hours of laboratory work each week. A thesis on some experimental problem. *Half-course (second half-year)*. *Tu., at 1.30.* Mr. LOUGH. (XIV)
3. **The Philosophy of Nature, with especial reference to Man's place in Nature.**—Lotze, *Microcosmus* (in English translation).—Lectures and theses. *Tu., Th., Sat., at 12.* Professor JAMES. (X)
4. **Ethics.**—The Theory of Morals, considered constructively.—Lectures, theses, and prescribed reading. *Mon., Wed., Fri., at 3.30.* Professor PALMER. (VI)
5. **The Ethics of the Social Questions.**—The problems of Poor-Relief, the Family, Temperance, and various phases of the Labor Question in the light of ethical theory.—Lectures, special researches, and prescribed reading. *Tu., Th., Sat., at 10.* Professor PEABODY, assisted by Dr. RAND. (VIII)
- This course is the same as Social Questions 1, announced by the Faculty of Divinity.

- \*6 *hf.* The Psychological Elements of Religious Faith. — Lectures. *Half-course. Tu., at 9.* Professor EVERETT. (VII)  
 With the consent of the instructor, Courses 6 and 13, although in the same examination group, may be taken simultaneously.  
 This course is the same as Theology 2 *hf.*, announced by the Faculty of Divinity.
- \*7. Theism and the Special Contents of Christian Faith. — Lectures and a thesis. *Mon., Wed., Fri., at 11.* Professor EVERETT. (III)  
 This course is the same as Theology 3, announced by the Faculty of Divinity.
9. Metaphysics. — The fundamental problems of Theoretical Philosophy, considered constructively. — The definitions of Reality. — The problem of Knowledge. — Realism and Idealism. — The problems of Nature, Freedom, Teleology, and Theism. — Deussen, Outlines of Metaphysics. — Bradley, Appearance and Reality. — Theses. *Tu., Th., Sat., at 11.* Professor ROYCE. (IX)
12. Greek Philosophy, with especial reference to Plato. — Lectures, prescribed reading, and theses. *Mon., Wed., Fri., at 10.* Dr. SANTAYANA. (II)  
 The reading required for this course will be all in English, but a knowledge of Greek history and literature is highly desirable for those who elect the course.
- 11<sup>1</sup> *hf.* Descartes, Spinoza, and Leibnitz. — Lectures, recitations, and prescribed reading. *Half-course (first half-year). Mon., Wed., Fri., at 1.30.* Dr. SANTAYANA. (XIII)
- 11<sup>2</sup> *hf.* The History of English Philosophy from Locke to Hume. — Lectures, prescribed reading, and theses. *Half-course (second half-year). Mon., Wed., Fri., at 1.30.* Dr. SANTAYANA. (XIII)
- \*13 *hf.* The Comparative Study of Religion. — Studies in the Comparative History of Religions, particularly the Vedic Religion, the Hindu Philosophies, Buddhism, Mazdaism, and the Chinese Religions. *Half-course. Th., Sat., at 9.* Professor EVERETT. (VII)  
 With the consent of the instructor, Courses 6 and 13, although in the same examination group, may be taken simultaneously.  
 This course is also announced by the Faculty of Divinity.
- 8<sup>1</sup> *hf.* The Philosophy of Kant. — Watson, Selections from Kant. — Special reports and lectures. *Half-course (first half-year). Mon., Wed., Fri., at 12.* Professor JAMES. (IV)

**Primarily for Graduates.**

- [15 *hf.* Abnormal Psychology. — A study of the various types of insanity, and of recent investigations into exceptional mental phenomena. — Lectures and special reports. *Half-course.* Professor JAMES.]  
 Omitted in 1897-98.

## SEMINARY COURSES.

- 20a. Psychological Laboratory. — Experimental investigations by advanced students. Professor MÜNSTERBERG and Mr. LOUGH.
- 20b. Psychological Seminary. — Subject for the year: The Philosophical Problems of Psychology. Stout, *Analytic Psychology*. — Special reports. *Mon.*, 9-11 A.M. Professor JAMES.
- 20c. Metaphysical Seminary. — Subject for the year: The Development of the Hegelian System. Hegel, *Phänomenologie* and *Logik*. — Lectures, special reports, and original research. *Tu.*, 7.30-9.30 P.M. *Extra meetings fortnightly, Wed.*, 7.30-9.30 P.M. Professor ROYCE.
- 20d. Ethical Seminary. — Subject for the year: The Historical Development of Ethical Thought in England. *Th.*, 4-6. Professor PALMER.
- 20e. Sociological Seminary. — Subject for the year: The Christian Doctrine of the Social Order. *Tu.*, 7.15-9.15 P.M. Professor PEABODY.
- This course is also announced by the Faculty of Divinity.
- 20f. Studies in Scholastic Philosophy. *Two hours a week.* Dr. SANTAYANA.

Attention is called to Greek 8 (Plato and Aristotle), to German 7 (German Philosophical Writers), to German 9<sup>1</sup> (The Mystic Movement and its relations); and also to Mathematics 21 (Algebra of Logic).

## COURSES IN EDUCATION AND TEACHING.

## For Undergraduates and Graduates.

16. The History of Educational Theories and Practices. — Lectures, reports, and discussions. Two essays. *Tu.*, *Th.*, at 11. Mr. LOCKE. (IX)
- 18 hf. Introduction to Educational Theory. — Discussion of Educational Principles. — Lectures, reports, and discussions. One essay. *Half-course. Mon.*, at 3.30. Mr. LOCKE. (VI)
- \*19a hf. Methods of Teaching Mathematics, Physics, Chemistry, Physiography and Meteorology, Botany and Zoölogy, Physiology, in Elementary and Secondary Schools. — About ten exercises in each subject. One thesis on the work of the whole course. *Half-course. Wed., Fri.*, at 4.30. Under the direction of Asst. Professor HANUS and Mr. LOCKE.

See notes under Course 19b.

[\*19b hf. Methods of Teaching Latin, Greek, English, German, French, History, in Elementary and Secondary Schools. — About ten exercises in each subject. One thesis on the work of the whole course. *Half-course. Th., Fri., at 4.30.* Under the direction of Asst. Professor HANUS.]

Omitted in 1897-98.

Courses 19a and 19b are usually given in alternate years. The course given in either year is open to such students only as have taken at least one college course in each of the subjects treated in it, or otherwise satisfy the instructors that they have an adequate knowledge of those subjects.

The instruction in Courses 19a and 19b will be given by college teachers and by persons engaged in teaching in secondary schools. These courses may be counted towards a degree by those only who have taken Philosophy 1 (Logic and Psychology) and Philosophy 16 or 18.

The department of Education and Teaching is solely responsible for the instruction in Courses 19a and 19b.

#### Primarily for Graduates.

17. Organization and Management of Public Schools and Academies. — Supervision, Courses of Study, and Instruction. — Lectures, reports, and discussions. *Mon., Wed., at 11.* Mr. DUTTON (*first half-year*) and Dr. HULING (*second half-year*). (III)

#### SEMINARY COURSE.

[20g. Pedagogical Seminary. — Lectures, essays, reports, and discussions. *Wed., at 4.30.* Asst. Professor HANUS.]

Omitted in 1897-98.

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### THE FINE ARTS.

#### Primarily for Undergraduates.

1. Principles of Delineation, Color, and Chiaroscuro, with some consideration of historic forms of art, and the conditions which have influenced them. — Lectures (*once a week*), with collateral reading. — Practice in drawing and in the use of water-colors. — Perspective. *Mon., Wed., Fri., at 2.30.* Professor MOORE, assisted by Mr. MOWER. (V)
2. Principles of Design in Painting, Sculpture, and Architecture, as exemplified in the arts of past ages. — Lectures (*twice a week*), with collateral reading. — Practice in drawing. *Mon., Wed., Fri., at 3.30.* Professor MOORE. (VI)

As a preparation for Course 2 it is desirable to have passed satisfactorily in Course 1.

**For Undergraduates and Graduates.**

- [4. Roman and Mediaeval Art. *Tu., Th., Sat., at 9.* Professor NORTON.] (VII)

Omitted in 1897-98; usually given in alternation with Course 3.  
To this course no Freshmen are admitted.

3. Ancient Art. *Tu., Th., Sat., at 9.* Professor NORTON. (VII)  
Courses 3 and 4 are usually given in alternate years.

Attention is called to Classical Philology 60 (Studies in Classical Archaeology and Art); German 9<sup>2</sup> (German Religious Painting and Sculpture from the Van Eycks to Dürer and Vischer); and Architecture 1a, 1b, 1c (Technical and Historical Development of the Architectural Styles).

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**ARCHITECTURE.**

*The courses in Architecture are intended primarily for students in the Lawrence Scientific School, and only Courses 1a, 1b, and 1c may be counted towards the degree of A.B.*

- 1a. Technical and Historical Development of the Ancient Styles with especial reference to Classic Architecture. Lectures and practice in the drawing room. *Mon., Fri., at 12, and a third hour at the pleasure of the instructor.* Asst. Professor WARREN. (IV)

This course is open to students in the College who have taken Fine Arts 1 and 2 and have attained the Grade C in both courses.

- [1b. Technical and Historical Development of the Mediaeval Styles of Architecture. Lectures and practice in the drawing room. *Mon., Wed., Fri., at 10.* Asst. Professor WARREN.] (II)

Omitted in 1897-98.

- 1c. Technical and Historical Development of Renaissance and Modern Architecture. *Mon., Wed., at 10, and a third hour at the pleasure of the instructor.* Asst. Professor WARREN. (II)

Courses 1b and 1c are given in alternate years. They are open only, except by special permission, to those students who have passed satisfactorily in Course 1a.

- 2a. Elementary Architectural Drawing. *Tu., Th., 1.30-4.30.* (The drawing room is open to students during all working hours.) Asst. Professor WARREN, and Mr. NEWTON, assisted by Mr. SWAN. (XII)

This course is open only, except by special permission, to those students who are taking Course 1a in the same year.

- 3a. Freehand Drawing from Architectural Subjects. Two sections:  
I, *Mon., Wed., Fri., at 9, and three other hours*; II, *Tu., Th., Sat., at 9, and three other hours.* Asst. Professor WARREN and Mr. NEWTON, assisted by Mr. SWAN.

This is a course for practice in drawing, especially arranged for students of Architecture in continuation of Fine Arts 1.

- 3b. Freehand drawing from Architectural Subjects (second course). *Mon., Wed., Fri., at 9, and three other hours.* Asst. Professor WARREN and Mr. NEWTON, assisted by Mr. SWAN. (I)
- 3c<sup>1</sup> hf. Freehand drawing from Architectural Subjects (third course). *Half-course (first half-year). Mon., Wed., at 9, and four other hours.* Asst. Professor WARREN and Mr. NEWTON, assisted by Mr. SWAN. (I)
- 4a. Elementary Architectural Design. Lectures and practice. *Tu., Th., 2.30-4.30.* Asst. Professor WARREN and Mr. NEWTON. (XI)  
This course is open to those students only who have passed satisfactorily in Courses 1a and 2a and who are taking Courses 3a and 1b or 1c in the same year.
- 4b. Architectural Design (second course). *Tu., Th., 2.30-4.30.* Asst. Professor WARREN and Mr. NEWTON, assisted by Mr. SWAN. (XI)  
This course is open to students who have taken Course 4a.
- 4c. Architectural Design (advanced course). Asst. Professor WARREN and Mr. NEWTON. (XI)  
This course is open to students who have taken Course 4b.  
In the courses in design students are expected to give all the time they can to the work. The drawing room is constantly open and an instructor is usually present.
- 5<sup>1</sup> hf. Building Construction: Carpentry. Lectures and drawing. *Half-course (first half-year). Tu., 2.30-4.30.* Mr. NEWTON. (XII)
- 6hf. Modelling. Practice in modelling architectural ornament in clay. *Half-course. Fri., 1.30-4.30.* Mr. GARBUTT. (VI)

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## MUSIC.

### For Undergraduates and Graduates.

1. Harmony. *Tu., at 2.30, Th., 2.30-4.* Mr. SPALDING. (XI)  
Proficiency in piano or organ playing is required of students who take Course 1. The course is open to Freshmen who, by examination, show sufficient talent and proficiency in Music.
2. Counterpoint. *Mon., Fri., at 1.30.* Mr. SPALDING. (XIII)  
Course 2 requires knowledge of Harmony.

- 3 *hf.* History of Music, with analysis of the works of the great masters.  
*Half-course. Tu., at 3.30, and a second hour at the pleasure of the instructor.* Professor PAINE. (XII)  
 Course 3 requires knowledge of Harmony and proficiency in piano playing.
- [\*7 *hf.* Instrumentation. *Half-course. Tu., at 3.30.* Professor PAINE.]  
 Omitted in 1897-98; to be given in 1898-99. (XII)  
 Course 7 is open to advanced students only.
8. Chamber Music of Beethoven and other masters, with analysis of their principal works. Lectures, *Mon., Fri., at 2.30.* Professor PAINE. (V)  
 Course 8 requires knowledge of Harmony and proficiency in piano or violin playing.  
 In connexion with this course, ten illustrative concerts, by the Kneisel Quartet and other musicians, will be given on *Tuesdays at 7.45 P.M.* A concert-fee of five dollars is charged each student in this course. The concerts are open also to other members of the University and to the public, on payment of a fee of seven dollars.

#### Primarily for Graduates.

5. Canon and Fugue. — Free Thematic Music. *Mon., Fri., at 3.30.* Professor PAINE. (VI)  
 Course 5 requires knowledge of Harmony and Counterpoint and proficiency in piano playing.
6. Advanced Canon and Fugue and Free Composition. *Tu., Th., at 2.30.* Professor PAINE. (XI)  
 Course 6 requires knowledge of Harmony and Counterpoint and proficiency in piano playing.

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### MATHEMATICS.

#### Primarily for Undergraduates.

- A<sup>1</sup> *hf.* Logarithms. — Plane and Spherical Trigonometry. *Half-course (first half-year).* *Mon., Wed., Fri., at 2.30.* DR. SAFFORD. (V)
- B<sup>2</sup> *hf.* Plane Analytic Geometry (elementary course). *Half-course (second half-year).* *Mon., Wed., Fri., at 2.30.* DR. SAFFORD. (V)
- C. Plane and Solid Analytic Geometry (extended course). *Mon., Wed., Fri., at 2.30.* MR. ASHTON. (V)



*D<sup>1</sup> hf.* Algebra. *Half-course (first half-year)*. *Tu., Th., Sat., at 1.30*  
Dr. SAFFORD. (XIV)

This course is intended for students who are distinctly good in Elementary Algebra and who wish to make rapid progress in their mathematical studies. It is not open to students conditioned in Elementary Algebra, unless they have had no opportunity of removing the condition.

*E<sup>2</sup> hf.* Solid Geometry. *Half-course (second half-year)*. *Tu., Th., Sat., at 1.30*. Dr. SAFFORD. (XIV)

This course is not open to students conditioned in Plane Geometry, unless they have had no opportunity of removing the condition.

*F.* Trigonometry and Plane Analytic Geometry. *Tu., Th., Sat., at 11*.  
Mr. ASHTON and Dr. SAFFORD. (IX)

This course devotes less time to Trigonometry than Course *A*, and more time to Analytic Geometry than Course *B*. It is better adapted to the needs of students who are going on with Mathematics than Courses *A* and *B*.

Courses *B* and *C* require a previous knowledge of Plane Trigonometry; but Courses *A* and *B* are commonly taken in the same year.

Course *C* may be taken by a beginner in Analytic Geometry as a full course for the year, or as a half-course for the first half-year. It may be taken by a student who has passed in Analytic Geometry for admission or in Course *B*; but will count for such a student as a half-course only. A student who has taken Course *A* without Course *B* in his Freshman year may take Course *C* as a full course in a later year; but he cannot take any of the higher courses until he has taken Course *B*, Course *C*, or Course *F*.

2. Differential and Integral Calculus (first course). *Mon., Wed., Fri., at 11*. Professor BYERLY, assisted by Mr. ASHTON. (III)

Course 2 is open to those only who have taken Course *B*, Course *C*, or Course *F*, or have otherwise satisfied the instructor of their knowledge of Trigonometry and Analytic Geometry.

Candidates for Second-Year Honors may take Courses 2 and 3, or Courses 2 and 5, or Courses 2, 4, and 1. Other courses may be accepted on special petition.

4. The Elements of Mechanics. *Mon., Wed., Fri., at 10*. Asst. Professor OSGOOD. (II)

Course 4 is intended for students who take or have taken Course 2.

### For Undergraduates and Graduates.

*1<sup>1</sup> hf.* Theory of Equations. — Invariants. *Half-course (first half-year)*.  
*Tu., Th., Sat., at 9*. Asst. Professor M. BÔCHER. (VII)

A knowledge of so much of the elements of Determinants and of the Theory of Equations as is given in Course *D* is required of students taking this course.

3. Modern Methods in Geometry. — Determinants. *Mon., Wed., Fri., at 2.30.* Professor BYERLY. (V)  
Course 3 is intended for students who have taken Course C or Course F.
5. Differential and Integral Calculus (second course). *Mon., Wed., Fri., at 11.* Asst. Professor OSGOOD. (III)
6. Quaternions, with applications to Geometry and Mechanics (first course). *Mon., Wed., Fri., at 12.* Professor J. M. PEIRCE. (IV)  
Courses 6 and 9 are usually given in alternate years. Course 6 is intended for students who have taken Course 2. Either half of Course 6 may be taken as a half-course by properly qualified students.
- [8. Analytic Mechanics. Professor BYERLY.]  
Omitted in 1897-98; usually given in alternate years.
- 12<sup>1</sup> *hf.* Infinite Series and Products. *Half-course (first half-year).*  
*Tu., Th., Sat., at 11.* Asst. Professor OSGOOD. (IX)
- 14<sup>2</sup> *hf.* Higher Algebra. *Half-course (second half-year).* *Mon., Wed., Fri., at 3.30.* Asst. Professor M. BÖCHER. (VI)

#### Primarily for Graduates.

- [7a. Theory of Curves and Surfaces (first course): Algebraic Plane Curves, especially those of the Third Degree in point or line coördinates. *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE.] (II)  
Omitted in 1897-98. Course 7a is usually given in alternate years with 7b, or with some course replacing 7b.  
A thorough knowledge of the usual analytic treatment of the Conic Sections, of the elements of the Differential Calculus, of the main principles of Determinants, and of the elementary Theory of Equations, is requisite for Course 7a. Courses 2, 3, 1, and 14 are recommended as preparatory to it.  
Course 7a may be taken for the first half-year as a half-course.
- 7b. Theory of Curves and Surfaces (second course): General Theory of Surfaces; Surfaces of the First and Second Degrees. *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE. (II)  
A knowledge of the theory of Plane Triangular Coördinates and of Poles and Polars in a plane is requisite for this course. The course is suited to the capacity of students who have taken the first half of Course 7a.  
Course 7b may be taken for the first half-year as a half-course.
- [9. Quaternions, with applications to Geometry and Mechanics (second course). *Mon., Wed., Fri., at 12.* Professor J. M. PEIRCE.] (IV)  
Omitted in 1897-98. Courses 6 and 9 are usually given in alternate years. Course 9 is based on Course 6.

10. Trigonometric Series. — Introduction to Spherical Harmonics. — Potential Function. *Tu., Th., Sat., at 12.* Professors BYERLY and B. O. PEIRCE. (X)
13. The Theory of Functions (introductory course). *Tu., Th., Sat., at 10.* Asst. Professor M. BÔCHER. (VIII)
11. Hydrostatics. — Hydrokinematics. — Force Functions and Velocity-Potential Functions and their uses. *Mon., Wed., at 11, and a third hour at the pleasure of the instructor.* Professor B. O. PEIRCE. (III)
- 16 *hf.* Problems in the Mechanics of Rigid Bodies. *Half-course. Mon., Wed., at 10.* Professor BYERLY. (II)
- 17<sup>2</sup> *hf.* The Theory of Functions (second course). — Elliptic Integrals and Elliptic Functions. *Half-course (second half-year). Tu., Th., Sat., at 11.* Asst. Professor OSGOOD. (IX)
19. Functions defined by Linear Differential Equations. *Mon., Wed., Fri., at 2.30.* Asst. Professor M. BÔCHER. (V)
- 21<sup>1</sup> *hf.* The Algebra of Logic. *Half-course (first half-year). Wed., Fri., at 11.* Professor J. M. PEIRCE. (III)
- The purpose of this course is to establish the elementary principles and methods of Boole's system, and to lay a foundation for reading the further literature of the subject.
25. The Theory of Planetary Motions. *Tu., Th., Sat., at 9.* Professor ASAPH HALL (U. S. Navy). (VII)

#### COURSES OF READING AND RESEARCH.

The work of the following courses consists of investigation and reading, to be carried on by the students in the courses, under the guidance of the instructors. Students are expected to present their results from week to week in the form of lectures and theses.

- 20a. Elliott, Algebra of Quantics. Professor J. M. PEIRCE.
- 20b. The Plasticity of the Earth. Professor ASAPH HALL (U. S. Navy).
- 20c. Picard, *Traité d'Analyse*, Vol. I. Professor BYERLY.
- 20d. Methods in Mathematical Physics. Professor B. O. PEIRCE.
- 20e. The Elliptic Modular Functions. Asst. Professor OSGOOD.
- 20f. Topics in Linear Differential Equations. Asst. Professor M. BÔCHER.

#### THE MATHEMATICAL CONFERENCE.

This conference will be held twice a month. It is intended for the presentation and discussion of work done in the Courses of Reading and

Research, of articles in the mathematical journals, and of other suitable matter, and for the meeting of instructors and students. All students pursuing advanced studies in Mathematics are invited to take part in it.

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Attention is called to the courses in Astronomy, Engineering, and Physics.

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*The courses which are bracketed in the preceding list are usually given in alternate years. The following courses are offered at less frequent intervals:—*

Linear Associative Algebra. Professor J. M. PEIRCE.

Selected Topics in Quaternions. Professor J. M. PEIRCE.

The Theory of Surfaces. Professor B. O. PEIRCE.

Elasticity. Professor B. O. PEIRCE.

The Theory of Substitutions. Asst. Professor OSGOOD.

The Theory of Numbers. Asst. Professor M. BÔCHER.

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**COURSES IN ASTRONOMY.**

**Primarily for Undergraduates.**

1<sup>h</sup> hf. (Formerly Engineering 2a.) Descriptive Astronomy. *Half-course (first half-year)*. Tu., Th., Sat., at 9. Dr. WILLSON and Mr. REED. (VII)

2<sup>d</sup> hf. (Formerly Engineering 2b.) Practical Astronomy. — Application of Astronomy to Navigation and Exploration. — Time, latitude, and longitude, by sextant; azimuth; lunar distances. — Lectures, use of instruments, and computation. *Half-course (second half-year)*. Tu., Th., Sat., at 9. Dr. WILLSON and Mr. REED. (VII)

This course requires a knowledge of Descriptive Astronomy, Solid Geometry, and Trigonometry.

**For Undergraduates and Graduates.**

3. (Formerly Engineering 2c.) Practical Astronomy. — Portable and fixed instruments. — Time and longitude by transit. — Latitude by zenith telescope. — Meridian circle; equatorial instrument. — Lectures, use of instruments, and computation. Tu., Th., Sat., at 11. Dr. WILLSON. (IX)

This course requires a knowledge of Descriptive Astronomy, Solid Geometry, and Trigonometry.

Attention is called to Mathematics 25 and 20b, which may be taken as advanced courses in Astronomy.

**ENGINEERING.****Primarily for Undergraduates.**

1a hf. Engineering Mathematics. — Algebra. *Half-course (first half-year)*. *Mon., Wed., Fri., at 10.* Messrs. LOVE, ASHTON, SAFFORD, FRIZELL, and CAMPBELL. (II)

1b hf. Engineering Mathematics. — Trigonometry. *Half-course (first half-year)*. *Tu., Th., at 10.* Messrs. LOVE, ASHTON, FRIZELL, and CAMPBELL. (VIII)

Course 1b cannot be counted towards the degree of A.B.

1d hf. Engineering Mathematics. — Analytic Geometry. *Half-course (second half-year)*. *Mon., Wed., Fri., at 10.* Messrs. LOVE, ASHTON, SAFFORD, and FRIZELL. (II)

This course is open to students who have passed satisfactorily in Courses 1a and 1b, or their equivalents.

1c. Engineering Mathematics. — Solid Analytic Geometry. — Differential and Integral Calculus. *Tu., Th., Sat., at 11, and an additional hour at the pleasure of the instructor.* Messrs. LOVE, FRIZELL, and CAMPBELL. (IX)

This course is open to students who have passed satisfactorily in Courses 1a, 1b, and 1d, or their equivalents, and have passed all the mathematical subjects required for admission. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

1f hf. Engineering Mathematics. — Differential and Integral Calculus (second course). *Half-course (first half-year)*. *Mon., Wed., Fri., at 12.* Mr. LOVE. (IV)

This course is open to students who have passed satisfactorily in Course 1c, or its equivalent. It is intended as an optional course for third- or fourth-year students in the Scientific School.

3a. Mechanical Drawing. — Use of Instruments. Projections and Machine Drawing. Lecture, I, *Mon., at 1.30*; II, *Tu., at 1.30*; Draughting, *six hours a week*: I, *Mon., Fri., 1.30-4.30*; II, *Tu., Th., 1.30-4.30.* Messrs. MOSES, OSBORN, and M. H. WRIGHT.

3b hf. Descriptive Geometry. — Elementary Shades, Shadows, and Perspective. *Half-course (first half-year)*. Lecture, *Fri., at 11*; Draughting, *six hours a week*: I, *Mon., Wed., Fri., 10-12*; II, *Mon., Fri., 1.30-4.30*; III, *Tu., Th., 1.30-4.30.* Messrs. MOSES and OSBORN.

This course is open to students who have passed satisfactorily in Course 3a or Architecture 2a.

**3c hf.** Structural and Machine Drawing. — Applications of Descriptive Geometry to engineering constructions and machinery. *Half-course (first half-year)*. Lecture, *Mon., at 11*; Draughting, *six hours a week*. Mr. MOSES. (III)

This course is open to students who have passed satisfactorily in Course 3a. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

This course will not be given after 1897-98.

**3d hf.** Mechanism. — Study of gearing and mechanical movements. *Half-course (second half-year)*. Lectures, *Mon., Wed., at 10*; Draughting, *four hours a week*. Mr. MOSES. (II)

This course is open to students who have passed satisfactorily in Course 3c. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

**3e hf.** Stereotomy, Shades, Shadows, and Perspective. *Half-course (second half-year)*. Lecture, *Th., at 10*; Draughting, *six hours a week*: I, *Mon., Fri., 1.30-4.30*; II, *Tu., Th., 1.30-4.30*. MESSRS. MOSES and OSBORN. (VIII)

This course is open to students who have passed satisfactorily in Course 3b. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

**4a.** Surveying, Plotting, and Topographical Drawing. — Levelling. — Field practice. *Tu., Th., 1.30-4.30*. MESSRS. TURNER and BUTLER. (XIV)

This course is open to students who have studied Plane Trigonometry, and to those who take at the same time Course 1b. It extends five weeks into the Summer, for practice in the field. Without the Summer work, this course may count as a half-course towards the degree of A.B., except for Seniors.

**4c hf.** Geodetic and Mining Surveying. — Field work of triangulation. — The use of astronomical instruments in Surveying and Navigation. *Half-course (second half-year)*. *Mon., Fri., 1.30-4.30*, and *one hour at the pleasure of the instructor*. MESSRS. TURNER and BUTLER, and Dr. WILLSON. (XIII)

This course is open to students who have passed satisfactorily in Courses 1b, 3a, and 4a. Courses 4c and 4d extend five weeks into the Summer, for practice in the field. Without the Summer work, Courses 4c and 4d together may count as a half-course towards the degree of A.B. With the Summer work, each of them may count as a half-course towards the degree of A.B. with the consent of the Chairman of the Division.

**4d hf.** Railroad Engineering. — Survey, location, and construction of railroads. — Field practice. *Half-course (first half-year)*. *Mon., Fri., 1.30-4.30*. MESSRS. TURNER and BUTLER. (XIII)

This course is open to students who have passed satisfactorily in Course 4a.

See note under Course 4c.

- \*10a *hf.* Shopwork in Metals. — Use of tools. — Fitting by hand. — Study of the metals in practical working. — Lectures and laboratory work.  
*Half-course. Six hours a week for a half-year.* Mr. BURKE. (XIV)

The workshop courses are open during the term to students who have no condition or deficiency. They may be taken on any two afternoons in the week, the days to be arranged to avoid interference at the beginning of the term. Classes will be made up immediately after the final examinations for five weeks work in the Summer, during which time students of Mechanical and Electrical Engineering who by reason of absence or deficiency have not taken the workshop courses during the term will be required to take them.

Courses 10a, 10b, 10c, 10d, and 10e cannot be counted towards the degree of A.B.

- \*10b *hf.* Blacksmithing. — Use of tools. — Forging, welding, tool-dressing and tempering. — Lectures and laboratory work. *Half-course. Six hours a week for a half-year.* Mr. BURKE. (XIV)

See note under Course 10a.

- \*10c *hf.* Shopwork in Wood. — Use of tools. — Pattern-making and turning. — Lectures and laboratory work. *Half-course. Six hours a week for a half-year.* Mr. BURKE. (XIII)

See note under Course 10a.

- \*10d *hf.* Foundry Practice. — Moulding. — Casting in iron and alloys. — Mixing metals. — Lectures and laboratory work. *Half-course. Six hours a week for a half-year.* Mr. BURKE. (XIII)

See note under Course 10a.

- \*10e *hf.* Machine Shop Practice. — Use of machine tools. — Construction of parts of machinery; finishing and assembling parts. — Lectures and laboratory work. *Half-course. Six to nine hours a week for a half-year.* Mr. BURKE. (XIII)

This course is open to students who have taken Courses 10a and 10b. See note under Course 10a.

#### For Undergraduates and Graduates.

- 4e *hf.* Construction and Maintenance of Common Roads. *Half-course (second half-year).* Tu., Th., Sat., at 9. Mr. McCLELLIN. (VII)

This course cannot be counted towards the degree of A.B. (VII)

- 5a. Analytic and Applied Mechanics. — Problems in Statics and Kinetics. Tu., Th., Sat., at 11. Professor HOLLIS and Mr. PEUGNET. (IX)

This course is open to students who have passed satisfactorily in the Mathematics and Physics prescribed for the first and second years of the Engineering courses, or their equivalents.

**5b hf.** Elementary Statics. — Graphical and Analytical Methods. Designing of simple structures. *Half-course. Tu., Th., Sat., 10-12.* Asst. Professor JOHNSON. (IX)

This course is open to students of Architecture who have passed satisfactorily in Courses 1a, 1b and 1d, or their equivalents. It cannot be counted towards the degree of A.B.

**5c hf.** Resistance of Materials. — *Half-course (first half-year). Mon., Wed., Fri., at 11.* Professor HOLLIS. (III)

This course is open to students who have passed satisfactorily in Course 5a.

**6a hf.** Hydraulics and Hydraulic Motors. — Flow of water in pipes. — Water wheels, turbines, and pressure engines. *Half-course (second half-year). Mon., Wed., Fri., at 9.* Messrs. TURNER and BUTLER. (I)

This course is open to students who take or have passed satisfactorily Course 5a or Mathematics 4.

**6c hf.** Water Supply and Sanitary Engineering. *Half-course (second half-year). Tu., Th., Sat., at 9.* Mr. RICE. (VII)

This course is open to students who have passed satisfactorily in Course 6a. It cannot be counted towards the degree of A.B.

**6d hf.** Canals, Rivers, and Irrigation. — Measurements of the flow of water. — Construction of irrigation works. *Half-course (first half-year). Tu., Th., Sat., at 9.* Mr. TURNER. (VII)

This course is open to students who have passed satisfactorily in Courses 6a and 8a. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

**7a.** Bridges and Buildings. — Graphical Statics. — Details of iron and steel construction. Lectures and draughting. *Mon., Wed., Fri., 1.30-4.30.* Asst. Professor JOHNSON. (XIII)

This course is open to students who take or have passed satisfactorily Course 5c. It cannot be counted towards the degree of A.B.

**8a hf.** Masonry and Foundations. — *Half-course (second half-year). Tu., Th., Sat., at 10.* Asst. Professor JOHNSON. (VIII)

This course cannot be counted towards the degree of A.B.

**11a.** Machinery and Boilers. — Description of the different types of engines and boilers. *Tu., Th., Sat., at 9, and Wednesday afternoon.* Messrs. L. S. MARKS and BURKE. (VII)

This course is open to students who have passed satisfactorily in Course 3a. Wednesday afternoons must be kept free for visits of inspection.



- 11b hf. Steam-Engine and Boilers.—General theory and design.— Valve gears and governors.— *Half-course (second half-year)*. *Mon., Wed., Fri., at 10.* Mr. L. S. MARKS. (II)

This course is intended primarily for students of Mechanical Engineering, but it is open to all students who have passed satisfactorily in the first half of Course 11a. It cannot be counted towards the degree of A.B.

- 12a hf. Efficiency and Economics of Engines and Boilers. *Half-course (first half-year)*. *Mon., Wed., Fri., at 10.* Mr. L. S. MARKS. (II)

This course is open to students who have passed satisfactorily in Courses 1c, 11a and Physics 6<sup>1</sup>.

- 12c hf. Heating and Ventilation of Buildings. *Half-course (second half-year)*. *Wed., Fri., at 11, and a third hour at the pleasure of the instructor.* Mr. BURKE. (III)

This course cannot be counted towards the degree of A.B.

- 13a hf. Engineering Laboratory.—General course in experimental methods. *Half-course*. *Lecture, Fri., at 11; Laboratory, three hours a week.* Messrs. L. S. MARKS and PEUGNET.

This course is open to students who take or have passed satisfactorily in Courses 5a, 6a, and 11a. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

- 13b. Engineering Laboratory.—Advanced course in Experimental Engineering. *Nine hours a week.* Mr. L. S. MARKS.

This course is open to students who have passed satisfactorily in Course 13a, and are taking Course 12a. It cannot be counted towards the degree of A.B.

- 13d hf. Engineering Laboratory.—Measurement of the flow of water, and testing hydraulic machinery. *Half-course*. *Th., 1.30-4.30.* Mr. TURNER.

This course is open to students who have passed satisfactorily in Course 13a.

It cannot be counted towards the degree of A.B.

- 14a. Machine Design.—Designing the parts of machinery.—Methods of proportioning the parts for strength and effect. *Tu., Th., 1.30-4.30.* Mr. MOSES.

This course is open to students who have passed satisfactorily in Course 3d and who take or have taken Courses 5a and 11a. It may be counted towards the degree of A.B. with the consent of the Chairman of the Division.

- 14b. Machine Design.—Completed designs of machinery with estimates and specifications for contractors. *Mon., Wed., Fri., 1.30-4.30.* Professor HOLLIS.

This course is open to students who have passed satisfactorily in Course 14a. It cannot be counted towards the degree of A.B.

- 16a hf. Industrial Applications of Electricity. *Half-course (first half-year)*. Lectures, *Tu., Th., at 10*; Laboratory, *three hours a week*. Asst. Professor ADAMS and Mr. WHITING. (VIII)

This course is intended primarily for students of Civil and Mechanical Engineering. It cannot be counted towards the degree of A.B.

- 16c hf. Direct Current Dynamo-Electric Machinery. — Theory, testing, and practice in management. *Half-course (first half-year)*. Lectures, *Th., Sat., at 12*; Laboratory, *six hours a week*. Asst. Professor ADAMS and Mr. WHITING. (X)

This course is open to students who have passed satisfactorily in the Mathematics and Physics prescribed for the first and second years of the course in Electric Engineering, and who take or have taken Physics 3.

- 16e hf. Alternating Currents and Alternating Current Machinery. — Theory and testing. *Half-course (second half-year)*. Lectures, *Th., Sat., at 12*; Laboratory, *six hours a week*. Asst. Professor ADAMS and Mr. WHITING. (X)

This course is open to students who have passed satisfactorily in Course 16c.

- 16d. Direct and Alternating Current Machinery. — A continuation of Courses 16c and 16e, with practice in design and construction. Lecture, *Tu., at 11*; Laboratory, *eight hours a week*. Asst. Professor ADAMS and Mr. WHITING.

This course is open to students who have passed satisfactorily in Courses 16c and 16e. It cannot be counted towards the degree of A.B.

- 17a hf. The Electrical Transmission and Distribution of Power. *Half-course*. Lecture, *Th., at 11*. Visits to power stations. Asst. Professor ADAMS. (IX)

This course is open to students who have passed satisfactorily in Courses 16c and 16e. It cannot be counted towards the degree of A.B.

- 18a hf. Metallurgy. — Manufacture of the metals used in engineering construction. — Lectures on the practical working of iron and steel. *Half-course (first half-year)*. *Tu., Th., Sat., at 12*. Mr. BURKE. (X)

This course is intended primarily for students of Civil and Mechanical Engineering, but it may be taken by others. It cannot be counted towards the degree of A.B.

21. Engineering Conference on the general theory of Machinery and the commercial and economic questions involved in the selection of types of machinery for given localities and duties. — Comparison of different methods of transmitting power. *Tu., at 12*. Professor HOLLIS. (X)

This course is intended primarily for fourth-year students in all branches of Engineering. It cannot be counted towards the degree of A.B.

- 22 *hf.* Contracts and Specifications. — The principles of Common Law as applied to contracts. — Practice in drawing up specifications. *Half-course (second half-year). Sat., at 12.* Mr. FISHER. (X)  
This course cannot be counted towards the degree of A.B.

#### COURSES IN MILITARY SCIENCE.

- 1<sup>1</sup> *hf.* The Operations of War (organization, tactics, logistics, strategy); Military History; Military Law. — Lectures. — Required reading and reports. *Half-course (first half-year). Tu., Th., Sat., at 12.* Lieutenant ROBINSON (U. S. Artillery). (X)
- 2<sup>2</sup> *hf.* Military Engineering; Fortification; Ordnance and Gunnery; Electricity in Warfare. — Required reading and problems. *Half-course (second half-year). Tu., Th., Sat., at 12.* Lieutenant ROBINSON (U. S. Artillery). (X)

Course 2 is open, without consultation, to all students who have passed satisfactorily in Mathematics *F* and 4 (or Engineering 1*a* and 5*a*). All others must consult the instructor in advance.

#### PHYSICS.

##### Primarily for Undergraduates.

- B hf.* Experimental Physics. Lectures (*Wed., at 12*) and laboratory work (*two hours a week*). *Half-course.* Professor E. H. HALL and Mr. McELFRESH. (IV)

The laboratory exercises of Course *B* will be given in the morning hours, the usual time being from 9 to 11 or from 11 to 1.

Course *B* is substantially equivalent to the second alternative in the Elementary Physical Science of the requirements for admission. It is open to students who have not passed in this alternative or taken in College any course in Experimental Physics. It may be taken with Chemistry 1, although in the same examination group.

- C.* Experimental Physics. — Mechanics, Sound, Light, Magnetism, and Electricity. — Lectures (*Fri., at 1.30*) and laboratory work (*one afternoon each week from 2 to 6*). Asst. Professor SABINE and Mr. T. LYMAN. (XIII)

Sections for laboratory work of Course *C* will be arranged for *Mon., Tu., Wed., and Th., afternoons.*

Course *C* is open to those students only who have presented Elementary Laboratory Physics for admission, or have taken Physics *B* or its equivalent.

1. General Descriptive Physics. — Lectures (*Tu., Sat., at 10*) and laboratory work (*two hours a week*). Professor E. H. HALL and Mr. FISKE. (VIII)

Course 1 is arranged for students who wish to become acquainted with a wide range of physical phenomena, and with the means for exhibiting and applying such phenomena. It is intended for students who have taken Course B or who have passed in the second alternative of the Elementary Physical Science of the requirements for admission, but may be taken by others who satisfy the instructor of their fitness to profit by the course.

*This course will not under any circumstances remove an admission condition in Advanced Physics.*

#### For Undergraduates and Graduates.

- \*2. Light and Heat. — Lectures (*two hours*) and laboratory work in Thermometry and Physical Optics (*six to eight hours per week*). Asst. Professor SABINE.

Course 2 is arranged for students making a speciality of Pure Physics.

3. Electrostatics, Electrokinematics, and parts of Electromagnetism. — Lectures (*Tu., at 12*) and laboratory work (*six to eight hours per week*). Professor B. O. PEIRCE and Mr. DOUGLASS. (X)

Course 3 is adapted for students who take or have taken Mathematics 2 or its equivalent, and should be preceded by Course C or Course 1.

4. Electrodynamics, Magnetism, and Electromagnetism. — Lectures (*Tu., Th., at 10*) and laboratory work. Professor TROWBRIDGE, Asst. Professor SABINE, and Mr. COLPITTS. (VIII)

Course 4 is intended for students who have taken Mathematics 2 or its equivalent, and Physics 3.

- 6<sup>1</sup> hf. Elements of Thermodynamics. *Half-course (first half-year)*. *Mon., Wed., Fri., at 9*. Professor E. H. HALL. (I)

Course 6<sup>1</sup> is adapted for students who have taken Mathematics 2 or its equivalent, and are familiar with the elementary facts and principles of Heat.

- 6<sup>2</sup> hf. Modern Developments of Thermodynamics. *Half-course (second half-year)*. *Mon., Wed., Fri., at 9*. Professor E. H. HALL. (I)

Course 6<sup>2</sup> is open to students who have taken Course 6<sup>1</sup>, or who otherwise satisfy the instructor of their fitness to profit by the course.

#### Primarily for Graduates.

- 7 hf. The Theory of Probability and the Kinetic Theory of Gases. *Half-course*. Professor E. H. HALL.

8. Electrodynamics, with special reference to Periodic Currents. — Laboratory work (*nine hours per week*). Professor TROWBRIDGE.  
Course 8 is open to those students only who have taken Course 4 and who have no other laboratory course.
9. Portions of the Mathematical Theory of Electricity and Magnetism. *Tu., Fri., at 11, and a third hour at the pleasure of the instructor.* Professor B. O. PEIRCE. (IX)  
Course 9 is open to those students only who have taken Mathematics 10 or its equivalent.

#### COURSES OF RESEARCH.

To competent students who have acquired the requisite knowledge and practice, opportunities are offered of pursuing, under the guidance of the instructors, investigations of special topics, as follows:—

- 20a. Spectrum Analysis. *Tu., Th., 11-1.* Professor TROWBRIDGE.  
20b. The Electromagnetic Theory of Light. *Wed., Fri., 11-1.* Professor TROWBRIDGE.  
20c. Electricity and Magnetism. Professor B. O. PEIRCE.  
20d. Electromagnetism and Heat Conduction. Professor E. H. HALL.  
20e. Light and Heat. Asst. Professor SABINE.

#### THE PHYSICAL COLLOQUIUM.

Stated meetings are held by the instructors and advanced students in the Department of Physics for the discussion of researches in progress in the Jefferson Laboratory and of the contents of current journals in Physics.

#### SUMMER COURSE.

For a summer course in Physics, which may be counted as a half-course towards the degree of A.B. or S.B., see page 386.

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### CHEMISTRY.

#### Primarily for Undergraduates.

- B. Experimental Chemistry.—Lectures, *Tu., Th., at 2.30*; Laboratory work, *Tu., Th., 3-5, or Mon., Wed., 1.30-3.30.* Dr. TORREY and Mr. BLACK. (XI)  
Course B is designed for Freshmen and all those desiring an elementary knowledge of the principles of Chemistry. It is not open to students who have passed in Chemistry at the examination for admission.

1. General Descriptive Chemistry. Lectures, *Mon., Fri., at 12*; Laboratory work, *Tu., Th., 1.30-3.30*, or *Wed., Fri., 2.30-4.30*. Professor JACKSON, Mr. FULLER, and Messrs. CALHANE, CUSHMAN, GAZZOLO, HENDERSON, MERIGOLD, ROBERTSON. (IV)  
Course 1 may be taken with Physics *B*, although in the same examination group.
- 2<sup>1</sup> *hf.* Organic Chemistry (elementary course). *Half-course (first half-year)*. *Mon., Wed., Fri., at 9*. Dr. TORREY. (I)  
Course 2 is open to those only who have taken Course *B* or Course 1.
3. Qualitative Analysis (chiefly laboratory work). *Mon., Wed., Fri., at 11*. Mr. SYLVESTER and Messrs. DOW, MARK, WHEELER. (III)  
Course 3 is open to those only who have taken Course 1.
4. Quantitative Analysis, gravimetric and volumetric (chiefly laboratory work). *Mon., Wed., Fri., at 3.30*. Mr. BAXTER. (VI)  
Course 4 may be taken with Course 3, but otherwise is open only to students practised in Qualitative Analysis.

#### For Undergraduates and Graduates.

- 8<sup>2</sup> *hf.* History of Chemistry and Chemical Theory. *Half-course (second half-year)*. *Tu., Th., at 12*. Asst. Professor RICHARDS. (X)  
Course 8 is open to those only who have taken Courses 1 and 2 or are taking Course 5. Course 8 is required of all candidates for Final Honors in Chemistry.

The laboratory work in Courses 9, 10, and 5 will be varied, within certain limits, according to the needs of each student.

- 9<sup>1</sup> *hf.* Advanced Quantitative Analysis. *Half-course (first half-year)*. *Mon., Wed., Fri., at 2.30*. Asst. Professor RICHARDS. (V)
- 10<sup>2</sup> *hf.* Gas Analysis. *Half-course (second half-year)*. *Mon., Wed., Fri., at 2.30*. Asst. Professor RICHARDS. (V)  
Courses 9 and 10 are open only to students who have taken Course 4.
5. The Carbon Compounds. — Systematic lectures upon the theories of Organic Chemistry and the properties of the more important compounds. — Ultimate organic analyses. — Preparation of organic compounds in the laboratory. *Mon., Wed., Fri., at 9*. Professor H. B. HILL and Mr. WHEELER. (I)  
Course 5 is open to those only who have taken Course 1. Course 2 is desirable in preparation for this course.

**Primarily for Graduates.**

6. Physical Chemistry. Lectures, *Wed., Fri., at 12*; Laboratory work, *Mon., at 12*. Asst. Professor RICHARDS and Dr. GORDON. (IV)  
 Course 6 is open to those only who have taken Courses 4 and 8, Physics 1 or Physics C, and either Mathematics A and B, or Mathematics F, or Engineering 1a. A knowledge of the Calculus (Mathematics 2) is desirable.

## COURSES OF RESEARCH.

To competent students who have acquired the requisite knowledge and practice, the following subjects of research are offered under the guidance of the instructors named:—

- 20a. Inorganic Chemistry, including Determination of Atomic Weights. *Five times a week*. Asst. Professor RICHARDS.  
 20b. Organic Chemistry. *Five times a week*. Professor JACKSON.  
 20c. Organic Chemistry. *Six times a week*. Professor H. B. HILL.  
 20d. Physical Chemistry. *Five times a week*. Asst. Professor RICHARDS.

The following course is also offered:—

- Chemistry and Technology of Ferments. — Lectures. Dr. H. E. SAWYER.  
 This course cannot be counted towards a degree. A student who wishes to take it should have taken Course 2 or (better) 5, and Course 4. An elementary knowledge of Botany is also desirable.

**BOTANY.****Primarily for Undergraduates.**

- 1<sup>st</sup> hf. Botany. *Half-course (second half-year)*. Lectures, *Tu., Th., at 10, and a third hour at the pleasure of the instructor*; also Laboratory practice. Professor GOODALE. (VIII)

This course is required as an introduction to Courses 3, 4, and 5. It is intended for beginners and for those who wish to get a comprehensive view of the subject. It is open to Freshmen, and may be taken with advantage in the same year with Zoology 1.

- 2<sup>nd</sup> hf. Morphology of Plants. *Half-course (first half-year)*. Lectures, *Mon., Wed., Fri., at 2.30*; also Laboratory work. Dr. H. M. RICHARDS. (V)

*This course cannot be taken separately from Zoology 2.* Exceptions from this rule will be allowed only after consultation with, and approval by, the instructors in Zoology 1 and 2 and Botany 2. This course is open to those only who take or have taken Zoology 1. The number of students in the course is necessarily limited, and preference will therefore be given to those who intend to take Botany 4, Zoology 3, or 4, or Geology 13, 14, and 15, or to study Medicine.

**For Undergraduates and Graduates.**

- \*3. Botany (second course). — Morphology, Histology (with special reference to the technique of the microscope), and Physiology of Flowering Plants. Laboratory practice with lectures and demonstrations. *Tu., Th., at 2.30.* Professor GOODALE and an assistant. (XI)

Course 3 is open to those only who have taken Course 1.

- \*4<sup>h</sup> *hf.* Cryptogamic Botany. — Lectures and laboratory work. *Half-course (second half-year).* *Tu., Th., Sat., at 11.* Professor FARLOW and Dr. H. M. RICHARDS. (IX)

Course 4 is open to those only who have taken Courses 1 and 2.

- \*5. Systematic and Economic Botany. *Tu., Th., at 3.30, and Sat., at 10.* Professor GOODALE. (XII)

Open to those only who have taken Courses 1, 2, and 3, or their equivalents.

**Primarily for Graduates.**

## COURSES OF RESEARCH.

- 20a. Structure and Development of Phanerogams. — Experimental Vegetable Physiology. — Systematic Botany (Phanerogams). — Economic and Medical Botany. Professor GOODALE.
- 20b. Structure and Development of Cryptogams. Professor FARLOW and Dr. H. M. RICHARDS.

## SUMMER COURSE.

For a summer course in Botany, which may be counted as a half-course towards the degree of A.B. or S.B., see page 386.

**ZOÖLOGY.**

*Ability to read German and French will be of advantage in any of the courses in Zoölogy, and will be assumed in courses not primarily for undergraduates.*

**Primarily for Undergraduates.**

- 1<sup>h</sup> *hf.* Zoölogy. — Lectures and laboratory demonstrations. *Half-course (first half-year).* *Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Dr. C. B. DAVENPORT and assistants. (VIII)

The laboratory demonstrations of Course 1 will occupy each student three hours a week; there are five sections: I, *Tu., 9-10 and 11-1*; II, *Tu., 1.30-4.30*; III, *Th., 9-10 and 11-1*; IV, *Th., 1.30-4.30*; V, *Sat., 9-10 and 11-1.*

This course is required as an introduction to Course 2 and to Botany 2. It is intended for beginners and for those who wish to get a comprehensive view of the subject. It is open to Freshmen and may be taken with advantage in the same year with Botany 1.



- 2<sup>2</sup> *hf.* Morphology of Animals. — Lectures and laboratory work. *Half-course (second half-year)*. *Mon., Wed., Fri., at 2.30.* Dr. CASTLE and assistants. (V)  
*This course cannot be taken separately from Botany 2.* For other conditions and exceptions see note under Botany 2.

**For Undergraduates and Graduates.**

3. Comparative Anatomy of Vertebrates. — Lectures, laboratory work, and reports. *Tu., Th., Sat., at 9.* Dr. G. H. PARKER and Mr. R. H. JOHNSON. (VII)  
 Course 3 is open to those only who have taken Course 2 and Botany 2.
- \*4<sup>1</sup> *hf.* Microscopical Anatomy. — Lectures and laboratory work. *Half-course (first half-year)*. *Mon., Wed., Fri., at 10.* Professor MARK and Dr. CASTLE. (II)  
 Course 4 is preparatory to Courses 5 and 20a. It is open to those only who have taken Course 2, and have taken or are taking Course 3.
- \*5<sup>2</sup> *hf.* Embryology of Vertebrates. — Lectures and laboratory work. *Half-course (second half-year)*. *Mon., Wed., Fri., at 10.* Professor MARK and Dr. CASTLE. (II)  
 Course 5 is open to those only who have taken Course 4.
- \*9. Fossil Invertebrates. — Lectures and laboratory work. Lectures, *Tu., Th., at 10*; also Laboratory hours. Dr. R. T. JACKSON. (VIII)  
 Course 9 is open to those only who have taken Course 1, Geology 4, and either Course 2 or Geology 5. If possible preparation for this course should include *both* Course 2 and Geology 5.
- \*10. Experimental Morphology. — Ontogenesis studied as a process. — Lectures, laboratory work, and a thesis. *Tu., Th., at 3.30.* Dr. C. B. DAVENPORT. (XII)  
 Courses 10 and 11 are given in alternate years.
- [\*11. Experimental Morphology. — Phylogenesis studied as a process. — Lectures, laboratory work, and a thesis. *Tu., Th. at 3.30.* Dr. C. B. DAVENPORT.] (XII)  
 Omitted in 1897–98.  
 Courses 10 and 11 are given in alternate years. They are open to those only who have taken Course 2, and take or have taken Course 3.
- \*15<sup>1</sup> *hf.* The Nervous System and its Terminal Organs. — Sense Organs. — Lectures and reports. *Half-course (first half-year)*. *Mon., Wed., Fri., at 9.* Dr. G. H. PARKER. (I)  
 Courses 15 and 16 are given in alternate years.

[\*16<sup>1</sup> *hf.* The Nervous System and its Terminal Organs. — Central Nervous Organs and Terminal Organs of Efferent Nerves. — Lectures and reports. *Half-course (first half-year)*. *Mon., Wed., Fri., at 9.* Dr. G. H. PARKER.] (I)

Omitted in 1897-98.

Courses 15 and 16 are given in alternate years. They should ordinarily be preceded by Course 3, and are open to those only who have taken Course 2.

### Primarily for Graduates.

#### COURSE OF RESEARCH.

20a. Anatomy and Development of Vertebrates and Invertebrates. Professor MARK.

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## GEOLOGY.

*The attention of students who take any course (elementary or advanced) in the Division of Geology is called to the Geological Conference and Excursions. (See page 377.)*

#### GEOLOGY AND GEOGRAPHY.

### Primarily for Undergraduates.

*Courses A, B, 4, and 5, and the Elementary Summer Courses in Geology and Geography are intended for beginners and for those who wish to get a general view of the subjects of which they treat. They are open to Freshmen. Courses A, B, 4, and 5 cannot be counted by Seniors towards the degree of A.B.*

A<sup>1</sup> *hf.* Elementary Physiography. — Lectures, written exercises, laboratory and field work. *Half-course (first half-year)*. *Mon., Wed., Fri., at 10*; a laboratory conference of one hour, *Tu. between 9 and 12*; and additional laboratory hours. Professor DAVIS and Mr. BOUTWELL. (II)

Course A is required for admission to Courses 2, 6, 7, and 20. Course A is recommended to students expecting to take Course 8 and the more advanced courses in Geology.

B<sup>2</sup> *hf.* Meteorology (elementary course). — Lectures, written exercises, observations and laboratory work. *Half-course (second half-year)*. *Mon., Wed., Fri., at 10*; a laboratory conference of one hour, *Tu. between 9 and 12*; and additional laboratory hours. Mr. WARD. (II)

Course B is required for admission to Courses 1, 19, 21, and 25.

4 *hf.* Elementary Geology. — Lectures, with collateral reading. *Half-course. Wed., Fri., and occasionally Mon., at 12.* Professor SHALER and Messrs. J. B. WOODWORTH and WOODMAN. (IV)

Voluntary field excursions are offered in connexion with this course in the autumn and spring.

5<sup>2</sup> *hf.* Elementary Field and Laboratory Geology. *Half-course (second half-year). Mon., at 12* (usually; see Course 4). Laboratory work: (*two hours, twice a week, in February and March*); Section A, *Tu., Th., 11-1*; or B, *Tu., Th., 2.30-4.30*; or C, *Wed., Fri., 2.30-4.30*; (*in April and May*) field work, *Th. or Fri. (one half day a week)*, and laboratory work, *Tu. or Wed.* Messrs. J. B. WOODWORTH, WOODMAN, and WHITE. (IV)

Course 5 may be taken only with or after Course 4. It may be taken with Course 4, though in the same group. Courses 4 and 5, or their equivalents, are required for admission to the higher courses in Geology (8, 16, 27, 17, 14, 13, 10, 18).

S1. Elementary Geology : Summer Course. See page 386.

[2<sup>1</sup> *hf.* Systematic Physiography. — Lectures, written exercises, and laboratory work. *Half-course (first half-year). Three times a week, a laboratory conference of one hour, and additional laboratory hours.* Professor DAVIS.] (III)

Omitted in 1897-98.

[1<sup>1</sup> *hf.* Meteorology (intermediate course). — Lectures, written exercises, and laboratory work. *Half-course (first half-year). Mon., Wed., Fri., at 11.* Mr. WARD.] (III)

Omitted in 1897-98.

### For Undergraduates and Graduates.

[6<sup>2</sup> *hf.* Physiography of the United States. — Lectures, library work, and reports. *Half-course (second half-year). Mon., Wed., Fri., at 12.* Professor DAVIS.] (IV)

Omitted in 1897-98.

Courses 6 and 7 are usually given in alternate years.

7<sup>2</sup> *hf.* Physiography of Europe. — Lectures, library work, and reports. *Half-course (second half-year). Mon., Wed., Fri., at 12.* Professor DAVIS. (IV)

Courses 6 and 7 are usually given in alternate years. Course A or 2 is required and Course 4 is recommended in preparation for either. In Course 7 some use of French and German books will be required.

8. General Critical Geology. — Lectures, field work, reports, and reading. *Wed., Fri., (and occasionally Mon.) at 9, with additional hours for conference and field work.* Messrs. J. B. WOODWORTH and WOODMAN. (I)
- Course 8 is open to those only who have attained satisfactory grades in Courses 4 and 5 or their equivalents (see Course S1 on p. 73). Students taking this course must keep Thursday or Friday afternoon free for field work.
- S2. Advanced course of field work: Summer Course. See page 386.
- \*16<sup>1</sup> hf. Glacial Geology. — Lectures, conferences, and field work. *Half-course (first half-year). Wed., Fri., at 11, with additional hours for field work in October and November, and for laboratory and library work in the winter.* Mr. J. B. WOODWORTH. (III)
- Course 16 is open to those only who have taken Courses B, 4, and 5, or their equivalents. Courses A, 8, and 6 are also recommended. Students taking this course must keep one half-day in each week of the autumn free for field work.
- \*27<sup>2</sup> hf. Pre-Cambrian Geology of North America: with especial reference to the stratigraphy and economics of the rocks in the original Laurentian area and the region of the Great Lakes. *Half-course. (second half-year).* Asst. Professor SMYTH.
- Course 8 and Mineralogy 2 are required, and Petrography 12 is recommended, as a preparation for this course.
- 28<sup>1</sup> hf. Volcanoes and their relation to Eruptive Rocks in general. — Earthquakes and their relation to movements of the Earth's Crust. *Half-course (first half-year). Three times a week.* Professor REUSCH.
- 29<sup>2</sup> hf. The Geology of Northern Europe, and its bearings on General Geology, *Half-course (second half-year). Three times a week.* Professor REUSCH.
- The third hour in Courses 28 and 29 will be given to seminary work, including reports and discussions upon geological literature.
- \*17<sup>1</sup> hf. Experimental and Dynamical Geology. Lectures, laboratory work, and occasional field work. *Half-course (first half-year). Two lectures a week, with additional laboratory hours.* Dr. JAGGAR.
- Course 17 is open to those only who have taken Course 8 or Course S2, and Mineralogy 2, or their equivalents. Ability to read either French or German is required.
- \*19<sup>2</sup> hf. General Climatology. — Lectures, library work, and reports. *Half-course (second half-year). Mon., Wed., Fri., at 1.30.* Mr. WARD. (XIII)
- Course 19 is open to those only who attain a satisfactory grade in Course B.

[25<sup>h</sup> *hf.* Special Climatology. — Lectures, library work, and reports. *Half-course (second half-year). Three times a week. Mr. WARD.*]

This course will not be given until 1898-99.

14. General Palaeontology. — Lectures, laboratory work, and theses. *Wed., Fri., and occasionally Mon., at 10.* Professor SHALER and Dr. R. T. JACKSON. (II)

Course 14 is open to those only who have taken Courses 4 and 5 (or who have an equivalent preparation). Ability to read scientific French and German is desirable.

This course may taken as a half-course by students who omit the laboratory work.

\*15. Historical Geology. — Laboratory and field work, with conferences and theses. *Mon., at 3.30.* Professor SHALER and Dr. R. T. JACKSON. (VI)

This course is designed to train advanced students in the use of fossils in identifying geological horizons. It is open to those only who already have some knowledge of Geology and Palaeontology. Courses 8, 14, and S2, and Zoology 2 afford a suitable preparation for Course 15.

10. Mining Geology. The origin and geological relations of ore-deposits. — Lectures, reading, and occasional field work. *Tu., Th., Sat., at 10.* Asst. Professor SMYTH. (VIII)

Courses 4 and 5 and Mineralogy 2, or their equivalents, are required as a preparation for this course.

\*18<sup>h</sup> *hf.* Economic Geology. Non-metalliferous products and water-supply. — Lectures, reading, and theses. *Half-course (first half-year). Wed., Fri., and (at the pleasure of the instructor) Mon., at 4.30.* Professor SHALER and Asst. Professor SMYTH.

Course 18 is open to those only who have taken Courses 4 and 5, or Course S1, and Mineralogy 2. Course 8 and Petrography 12 are also desirable as a preparation.

#### Primarily for Graduates.

*Students in these courses are expected to attend the meetings of the Geological Conference (see page 377).*

#### COURSES OF RESEARCH.

20. Physiography (advanced course). — Conferences, reports, and theses. *Th., at 9, and a second hour at the pleasure of the instructor.* Professor DAVIS. (VII)

Course 20 is open to those who have passed satisfactorily in Course A and Course 6 or 7. An elementary knowledge of Geology is desirable.

21. Meteorology (advanced course).—Lectures, library work, and theses. *Th., at 11, and a second hour at the pleasure of the instructor.* Professor DAVIS. (IX)  
Course 21 is open to those who have passed satisfactorily in Courses B and 19.
- 22a. Advanced Geological Field Work. — Field and library work, with reports, conferences, and theses. *Tu., at 4.30.* Professors SHALER, DAVIS, and WOLFF, Asst. Professor SMYTH, Dr. JAGGAR, and Mr. J. B. WOODWORTH.  
This course affords a training in the methods of original geological investigation in the field, the preparation of geological maps and reports, and experimental work in the laboratory. It is open to those only who have passed satisfactorily in Course 8, and who have studied Mineralogy. Course S2, or the summer work of Course 10, and Petrography 12 are also desirable as a preparation.
- 22b. Geological Investigation in the Field and Laboratory. Professor SHALER and other instructors in the Department.  
This course is intended for students who have already passed in Course 22a, 10, 16, or 17, or in equivalent work.
53. Training in Field-Research: Summer Course. See page 386.
24. Advanced Palaeontology. — Laboratory work and theses. Professor SHALER and Dr. R. T. JACKSON.  
This course is open to those only who have studied Zoölogy and Palaeontology.

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#### MINERALOGY AND PETROGRAPHY.

##### Primarily for Undergraduates.

2. Mineralogy (including Crystallography, Physical and Chemical Mineralogy, and Descriptive Mineralogy). *Mon., Wed., Fri., at 10, with additional laboratory hours.* Professor WOLFF, Dr. PALACHE, and Dr. EAKLE. (II)  
Open to those only who take or have taken Chemistry 1. Students proposing to study Petrography are advised to take Course 8 with Course 2.
- 3<sup>1</sup>. Building Stones. A course of lectures, adapted to students of Architecture, on the composition, occurrence, quarrying, and uses of building stones in the United States. *First half-year. Wed., at 1.30.* Professor WOLFF.  
This course cannot be counted towards the degree of A.B.

**For Undergraduates and Graduates.**

7<sup>1</sup> hf. Crystallography. Practical exercises in the measurement, discussion, and drawing of crystals, with occasional lectures. *Half-course (first half-year)*. Dr. PALACHE.

Course 7 is open to those only who take or have taken Course 2.

8<sup>2</sup> hf. Physical Crystallography, mainly Optical Mineralogy and its applications. Lectures and laboratory work. *Half-course (second half-year)*. Professor WOLFF and Dr. PALACHE.

Course 8 is open to those only who take or have taken Course 2.

\*12. Petrography. — Lectures, laboratory work, and theses. *Tu., Th., at 11, and an occasional third hour, with additional laboratory hours*. Professor WOLFF and Mr. —. (IX)

Course 12 is open to those only who have taken Geology 4 and 5 (or Geology S1) and Mineralogy 2. Course 8 is also recommended.

**Primarily for Graduates.**

## COURSE OF RESEARCH.

20. Mineralogical and Petrographical Research. Professor WOLFF and Dr. PALACHE.

**MINING AND METALLURGY.**

*These courses may be counted towards the degree of S.B. only.*

1<sup>2</sup> hf. Mining. — Prospecting and Exploring. *Half-course (second half-year)*. *Tu., Th., Sat., at 12*. Asst. Professor SMYTH. (X)

This course must be preceded by Geology 10, or taken in the same year with it.

2<sup>1</sup> hf. Metallurgy. — Metallurgy of iron and steel, copper and nickel. Lectures, reading, and excursions. *Half-course (first half-year)*. *Mon., Wed., Fri., at 12*. Mr. FORSYTHE. (IV)

Chemistry 1 is required as a preparation for this course.

3<sup>2</sup> hf. Metallurgy. — Metallurgy of lead, zinc, gold, silver, and the minor metals. Lectures, reading, and excursions. *Half-course (second half-year)*. *Mon., Wed., Fri., at 12*. Mr. FORSYTHE.

Chemistry 1 is required as a preparation for this course. (IV)

4<sup>2</sup> hf. Ore-dressing. *Half-course (second half-year)*. *Tu., Th., at 2.30, and an additional hour at the pleasure of the instructors*. Asst. Professor SMYTH and Mr. FORSYTHE. (XI)

Engineering 5a and 6a and Geology 10 are required as a preparation for this course.

5. Mining. — Coal and Metal Mining, including excavation, development, underground and surface transportation, drainage, ventilation. Lectures and reading. *Mon., Wed., Fri., at 10.* Asst. Professor SMYTH. (II)  
Engineering 5a and Mining 1 are required as a preparation for this course.
6. Metallurgical Chemistry. — The analysis of ores, metals, slags, fuels, and refractory materials. — Fire-assaying. — Chiefly laboratory work. *Mon., Wed., Fri., at 2.30.* Mr. FORSYTHE. (V)  
Chemistry 4 is required as a preparation for this course.

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#### GEOLOGICAL CONFERENCE AND EXCURSIONS.

##### THE GEOLOGICAL CONFERENCE.

The instructors in the Division of Geology will meet the more advanced students in the various courses on Tuesday evenings for the presentation of reports upon subjects investigated by the members, with informal comment and discussion by those present. At every meeting there will be one or more leading papers on subjects previously announced, and discussion will be directed chiefly to the subjects thus presented. There will be also brief statements of work in progress by instructors and students, and comments on new publications and other matters of interest.

##### EXCURSIONS.

In addition to the systematic excursions in connexion with various courses, a series of excursions to places within a day's travel of Boston will be conducted during the autumn and spring by the instructors in the Division of Geology. These excursions are announced in the University Calendar and are open to all members of the University. Excursions to more distant localities are generally made during the April recess.

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#### AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

##### For Undergraduates and Graduates.

1. General Anthropology. — Somatology (Physical Anthropology); Archaeology; Ethnology; Ethnography. — Lectures and laboratory work. *Mon., Wed., Fri., at 2.30.* Messrs. RUSSELL and DIXON. (V)  
This course is introductory to the Courses of Special Study.



**Primarily for Graduates.**

- \*2<sup>2</sup> hf. Somatology. Lectures and laboratory work. *Half-course (second half-year)*. *Mon., Wed., Fri., at 3.30*. MR. RUSSELL. (VI)  
This course may be taken either with or after Course 1. It affords an opportunity for work in the osteological department of the Museum, which contains suitable material for the study of racial, sexual, and individual variation, etc. The course is intended for students preparing for the medical profession or for advanced work in Somatology.

## COURSES OF SPECIAL STUDY.

- 20a. American Archaeology and Ethnology. Professor PUTNAM.  
This course is carried on by work in the laboratory and Museum; by field work and explorations. It is open to students who have taken Course 1.
- 20b. Advanced Somatology. Laboratory work and theses. Mr. RUSSELL.  
This course is open to students who have taken Course 1.

**ANATOMY, PHYSIOLOGY, AND HYGIENE.**

*These courses may be counted towards the degree of S.B. only, except Courses 1 and 10, which may also be counted towards the degree of A.B.*

- 1<sup>3</sup> hf. Elementary Anatomy and Physiology. — Personal Hygiene. — Emergencies. *Half-course (second half-year)*. *Tu., Th., Sat., at 10*. Laboratory work in sections: I, *Tu., 9-10, 11-1*; II, *Th., 9-10, 11-1*; III, *Sat., 9-10, 11-1*; IV, *Wed., 9-12*; V, *Fri., 1.30-4.30*. Asst. Professor G. W. FITZ and Dr. M. H. BAILEY. (VIII)
- \*10<sup>1</sup> hf. General Hygiene. — Lectures, laboratory, excursions, and reports. *Half-course (first half-year)*. *Tu., Th., and occasionally Sat., 10; and laboratory work*. Asst. Professor G. W. FITZ. (VIII)  
Course 10 is not open to Freshmen.
- 2<sup>1</sup> hf. History and Philosophy of Physical Education. *Half-course (first half-year)*. Conference, *Tu., at 2.30*. Dr. D. A. SARGENT and Asst. Professor G. W. FITZ. (XI)  
In Course 2 a large amount of reading is required.
- [3. Physiology of Exercise. — Experimental work in the laboratory, and thesis. Asst. Professor G. W. FITZ.]  
Omitted in 1897-98; to be given in 1898-99.  
Course 3 must be preceded by the course in General Physiology at the Medical School, or its equivalent.

- 4<sup>1</sup> *hf.* Anthropometry. — Measurements and Tests of the Body. — Effects of Age, Nurture and Physical Training. — Lectures and practical exercises. *Half-course (first half-year). Three times a week.* Dr. D. A. SARGENT.
- 5<sup>2</sup> *hf.* Applied Anatomy and Animal Mechanics. — Action of the muscles in different exercises. — Lectures and demonstrations. *Half-course (second half-year). Three times a week.* Dr. D. A. SARGENT.
- 6<sup>3</sup> *hf.* Remedial Exercises. — The correction of abnormal conditions and positions. — Lectures and demonstrations. *Half-course (second half-year). Twice a week.* Asst. Professor G. W. FITZ.
- Courses 4, 5, and 6 must be preceded by the course in General Anatomy at the Medical School, or its equivalent.
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### MEDICAL SCHOOL COURSES.

*By vote of the Faculty of Arts and Sciences, the following laboratory courses of research, offered by the Faculty of the Medical School, are recognized as suitable courses for properly qualified students in the Graduate School. These courses are especially designed for such Graduate Students as are prepared to do original work in the lines of study proposed. They are distinct from the regular instruction given to Medical Students. The equipments of the several laboratories will be placed at the disposal of students who are admitted to these courses.*

#### For Graduates Only.

##### COURSES OF RESEARCH.

- a. Experimental Physiology. Professor BOWDITCH.
- b. Anatomy. (Practical work, without instruction, with the privilege of attending lectures in the subject.) Professor DWIGHT and Asst. Professor DEXTER.
- c. Bacteriology. Professor ERNST.
- d. Comparative Vertebrate Embryology. Professor MINOT.

For further information respecting these courses, application should be made to Professor W. L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston.

## HOURS AND EXAMINATION GROUPS

## COURSES REGULARLY OPEN TO FRESHMEN ARE

	Monday, Wednesday, and Friday, at						
	9	10	11	12	1.30	2.30	3.30
	I	II	III	IV	XIII	V	VI
Semitic		3	1	4		13, 16 <sup>1</sup>	8, 13
Indo-Iranian						1	2 <sup>1</sup> , 3 <sup>2</sup>
Greek	5 <sup>1</sup>			<i>B</i>	<i>E</i>	<i>F</i>	
Latin		1, 6	<i>A, C, 8</i>		<i>E</i>	<i>F, 13</i> <sup>2</sup>	
Class. Phil.	59 <sup>2</sup>	30 <sup>2</sup>		28 <sup>2</sup> , 39 <sup>2</sup> , 57 <sup>1</sup>	35	37, 58	48, 54
English	1	2, 11	3 <sup>2</sup>	5	<i>BC, 3</i> <sup>1</sup>		13, 30
Germ. Lang.		<i>B, 7</i>	<i>1b, 2, 16</i> <sup>1</sup>	<i>2a, 13</i>	<i>4, 8</i>	<i>5a</i> <sup>2</sup>	11
French	6	<i>2c, 11, 16</i>			<i>2a</i>		<i>1c, 4</i>
Rom. Lang.		C. Lit. 2	Sp. 2		Sp. 1		
Slavic							
History	<b>1, 18, 21</b>	9	8, 10	2, 11		6, 19 <sup>1</sup>	25 <sup>2</sup>
Government		5		14	4		9 <sup>1</sup>
Economics	1		4, 13 <sup>2</sup>	15	3	2	
Philosophy		12	7, 17	2 <sup>1</sup> , 8 <sup>1</sup>	11	<i>1a</i>	4, 18
Fine Arts						<b>1</b>	<b>2</b>
Architecture	<i>3b, 3c</i> <sup>1</sup>	<i>1c</i>		<i>1a</i>			6
Music					2	8	5
Mathematics		4, 7 <i>b</i> , 16	2, 5, 11, 21 <sup>1</sup>	6		<i>A</i> <sup>1</sup> , <i>B</i> <sup>2</sup> , <i>C</i> , 14 <sup>2</sup> 3, 19	
Astronomy							
Engineering	6 <i>a</i>	<i>1a, 1d, 3d, 11b, 12a</i>	<i>3c, 5c, 12c</i>	<i>1f</i>	<i>4c, 4d, 7a, 10c, 10d, 10e</i>		
Military Sci.							
Physics	6			<i>B</i>	<i>C</i>		
Chemistry	2 <sup>1</sup> , 5		3	<b>1, 6</b>		9 <sup>1</sup> , 10 <sup>2</sup>	4
Botany						2 <sup>1</sup>	
Zoölogy	15 <sup>1</sup>	4 <sup>1</sup> , 5 <sup>2</sup>				2 <sup>2</sup>	
Geol. & Geog.	8	<i>A</i> <sup>1</sup> , <i>B</i> <sup>2</sup> , 14	16 <sup>1</sup>	<b>4, 5</b> <sup>2</sup> , 7 <sup>2</sup>	19 <sup>2</sup>		15
Mineralogy		<b>2</b>					
Mining		5		2 <sup>1</sup> , 3 <sup>2</sup>		6	
Amer. Arch.						1	2 <sup>2</sup>
Hygiene							

OF THE SEVERAL COURSES.

PRINTED IN HEAVY-FACED TYPE.

	Tuesday, Thursday, and Saturday, at						
	9	10	11	12	1.30	2.30	3.30
	VII	VIII	IX	X	XIV	XI	XII
Semitic	7	6	12	5, 15		16 <sup>1</sup>	2
Indo-Iranian					4 <sup>1</sup> , 5 <sup>2</sup>		
Greek	A, 8	2, 6	C		7	3	
Latin	B	14 <sup>2</sup>		2, 10	7, 9	3	
Class. Phil.		27 <sup>2</sup> , 44 <sup>1</sup>	50			25	60
English	15 <sup>2</sup>	9 <sup>2</sup> , 17 <sup>1</sup> , 28	8, 24 <sup>1</sup>	A, 14, 25 <sup>2</sup>	22	12, 31	6
Germ. Lang.	C, 1c, 12 <sup>1</sup>	10	1a	6	G, 5	E, F	A, B
French	13	1a, 6c, 9	1b, 7	14		5	A, 3
Rom. Lang.	Ital. 2 R. Phil. 4		Ital. 4 R. Phil. 3		Ital. 1 R. Phil. 2 <sup>2</sup>		Celtic 1, 2
Slavic	1a		1b				
History	5	14	7, 12	13		22	
Government	1 <sup>1</sup> , 7 <sup>2</sup>	15 <sup>1</sup>			10	8 <sup>2</sup>	
Economics	14	9	7 <sup>2</sup> , 12 <sup>1</sup>	11	5 <sup>2</sup> , 7 <sup>1</sup>	6, 16 <sup>2</sup>	
Philosophy	6, 13	5	9, 16	3	1b, 14		
Fine Arts	3						
Architecture						4a, 4b, 4c	2a, 5 <sup>1</sup>
Music						1, 6	3
Mathematics	1 <sup>1</sup> , 25	13	F, 12 <sup>1</sup> , 17 <sup>2</sup>	10	D <sup>1</sup> , E <sup>2</sup>		
Astronomy	1 <sup>1</sup> , 2 <sup>2</sup>		3				
Engineering	4e, 6c, 6d, 11a	1b, 3e, 8a, 16a	1c, 5a, 5b, 17a	16c, 16e, 18a, 21, 22	4a, 10a, 10b		
Military Sci.				1 <sup>1</sup> , 2 <sup>2</sup>			
Physics		1, 4	9	3			
Chemistry				8 <sup>2</sup>		B	
Botany		1 <sup>2</sup>	4 <sup>2</sup>			3	5
Zoölogy	3	1 <sup>1</sup> , 9					10
Geol.&Geog.	20	10	21				
Mineralogy			12				
Mining				1 <sup>2</sup>		4 <sup>2</sup>	
Amer. Arch.							
Hygiene		1 <sup>2</sup> , 10 <sup>1</sup>	2 <sup>1</sup>				

## SUMMER COURSES OF INSTRUCTION.

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The Summer Courses of Instruction, except those given at the Medical School, are known as constituting the Summer School of the Faculty of Arts and Sciences, and are in charge of the following Standing Committee of that Faculty:—

NATHANIEL SOUTHGATE SHALER, S.D., *Professor of Geology and Dean of the Lawrence Scientific School, Chairman.*

HANS CARL GÜNTHER VON JAGEMANN, PH.D., *Assistant Professor of Germanic Philology.*

PAUL HENRY HANUS, S.B., *Assistant Professor of the History and Art of Teaching.*

THEODORE WILLIAM RICHARDS, PH.D., *Assistant Professor of Chemistry.*

BYRON SATTERLEE HURLBUT, A.M., *Instructor in English and Recording Secretary.*

The Clerk of the Summer School is MONTAGUE CHAMBERLAIN, *Secretary of the Lawrence Scientific School, No. 16, University Hall.*

### SUMMER OF 1898.

The following Courses of Instruction are announced for the Summer School of 1898:—

English, six courses:

Composition, three courses;

Anglo-Saxon;

Chaucer;

English Literature of the Eighteenth Century.

German, two courses.

French, two courses.

Greek, two courses.

Latin.

History and Government, two courses:

American History, with excursions;

Civil Government.

Psychology.

Education and Teaching, including History and Principles of Education, Psychology for Teachers, School Hygiene, and Organization, Management and Supervision of Schools.

Methods of Teaching Algebra and Geometry to Beginners.

Mathematics, four courses:

Solid Geometry;

Trigonometry;

Plane Analytic Geometry;

Calculus.

Engineering, two courses :	Botany.
Topographical Surveying;	Geology, three courses :
Railway Engineering.	Elementary Geology ;
Physics, two courses.	Geological Field-work, two
Chemistry, three courses :	courses.
Fundamental Principles of Chem-	Geography, two courses :
istry.	Elementary Physiography ;
Qualitative Analysis ;	Geography of the United States.
Physical Chemistry.	Physical Training, two courses.

In addition to the above, Summer Courses will be offered at the Harvard Medical School, Boston.

Women as well as men are admitted to the Summer Courses, except to those at the Medical School, to those in Engineering, and to the two more advanced courses in Geology.

In general, the Summer Courses are adapted to the needs of teachers now in service and of those who intend to be teachers of the several subjects. A few of the more elementary, however, are intended also to meet the needs of beginners. Some of the courses may be taken by students in the College and the Lawrence Scientific School in lieu of corresponding courses provided for term-time by the Faculty of Arts and Sciences, and may be counted towards a degree. These courses will be designated for 1898-99 in the Faculty's Announcement for that year.

In addition to the above-mentioned courses, a series of evening lectures will be given by members of the Faculty. These lectures will be open, without charge, to the persons who are enrolled as members of the Summer School.

Unless otherwise stated the classes will assemble at 10 o'clock, on *Tuesday, July 5*, and will continue until *Saturday, August 13*.


During the session of the School the College Library will be open from 9 A.M. till 5 P.M. The Museum of Comparative Zoölogy, the Peabody Museum, the Semitic Museum, the Fogg Art Museum, and the Mineralogical Collection are also accessible to students during the summer vacation.

The Announcement of the Summer School for the summer of 1898, containing a full description of the proposed courses and other information of interest to persons who think of attending the School, can be obtained by application to the Clerk of the School or at the Publication Office.

The fees for the Summer School vary in different courses. The fees for each course are stated in the Announcement of the School. They must be paid, on entering the School, at the Bursar's office, Wadsworth House.

Board and lodging may be obtained in Cambridge during the summer vacation at a cost of from five to ten dollars per week.

**SUMMER OF 1897.**

The Summer School of 1897 comprised the following courses. The index  denotes those which students in regular standing were permitted to offer to count towards a degree.

**English.**

- A.* English Composition. — Elementary Course. Six times a week for five weeks. Mr. HURLBUT assisted by Mr. J. G. HART.
- B.* English Composition. — Advanced Course. Six times a week for five weeks. Mr. ABBOTT assisted by Mr. J. G. HART.
- Anglo-Saxon. Six times a week for five weeks. Mr. BOYNTON.
- Chaucer. Six times a week for five weeks. Mr. FARLEY.
- English Literature of the Eighteenth Century. Six times a week for five weeks. Mr. HURLBUT assisted by Mr. J. G. HART.

**German.**

- Elementary Course. — Grammar, reading, and composition. Six times a week for five and a half weeks. Dr. POLL.
- Advanced Course. — Daily lecture, in German, on the history of German Literature, accompanied by the cursory reading of the Nibelungenlied and a few representative works of later periods. — The interpretation of Schiller's Wallenstein, and of Goethe's Faust (Part I). — Themes in German on subjects connected with the lectures or the reading. Six times a week for five and a half weeks. Asst. Professor SCHILLING.

**French.**

- Introductory Course. — Grammar, reading, and composition. Six times a week for five and a half weeks. Asst. Professor DE SUMICHRAST.
- Advanced Course. — *a.* Lectures, in French, on the history of French literature, with special reference to the Classical period (Corneille, Racine, Molière) and to the great literary movement of the Nineteenth century. — *b.* A thorough study of Corneille's Polyucte, Racine's Athalie, Molière's les Femmes Savants. Two or three of the more important works of the Nineteenth Century will be taken up in a similar manner. — *c.* Summaries of works and themes on selected topics. Six times a week for five and a half weeks. Asst. Professor DE SUMICHRAST.

**Greek for Teachers.**

Discussion of elementary text-books, and methods used in teaching beginners. — Practice in reading Xenophon and Homer. Twelve hours a week for five and a half weeks. Dr. C. B. GULICK.

**Latin for Teachers.**

Discussion of methods in teaching Latin to beginners. — Literary study of selections from Pliny's Letters, Juvenal's Satires, and Martial's Epigrams. Six times a week for six weeks. Mr. C. P. PARKER.

**History and Government.**

- I. American History. Professor HART and Mr. C. T. WENTWORTH.
- II. Civil Government. Professor HART and Mr. C. T. WENTWORTH.

**Psychology.**

Experimental Psychology. Six times a week for six weeks. Mr. J. E. LOUGH.

**Education and Teaching.**

- I. General Principles of Education, and Courses of Study. Asst. Professor HANUS.
  - II. Psychology applied to Teaching. Professor James.
  - III. The Powers and Duties of the Town and City Superintendent of Schools. GEORGE I. ALDRICH, Newton, Mass.
- Methods of teaching Geometry and Algebra. Six times a week for six weeks. Asst. Professor HANUS.

**Mathematics.**

- ☞ S1. Elementary Solid Geometry. Five times a week for six weeks. Mr. ASHTON.
- ☞ S2. Plane Trigonometry. — Logarithms. — Problems in the calculation of heights, distances, and areas, and in sailing. Five times a week for six weeks. Mr. LOVE.
- ☞ S3. Plane Analytic Geometry. Five times a week for six weeks. Mr. LOVE.
- S4. Calculus. Five times a week for six weeks. Mr. ASHTON.

**Engineering.**

- ☞ S1. Surveying, Plotting, and Topographical Drawing. — Johnson's Theory and Practice of Surveying. — Geodesy. Six times a week for five weeks. Mr. TURNER.



**Physics.**

- S1. Elementary Experimental Physics. Six times a week for six weeks.  
Mr. J. Y. BERGEN.
- ☞ S2. Experimental Physics. — Measurements in Mechanics, Sound, Light, Electricity, and Magnetism. Six times a week for six weeks.  
Asst. Professor SABINE.

**Chemistry.**

- General Chemistry. Six times a week for six weeks. Dr. TORREY and Messrs. POTTER and PERKINS.
- Qualitative Analysis. Six times a week for six weeks. Mr. SYLVESTER.
- Quantitative Analysis. Six times a week for six weeks. Mr. G. P. BAXTER.
- Organic Chemistry. Six times a week for six weeks. Mr. H. A. TORREY.

**Botany.**

- ☞ S1. Vegetable Morphology and Systematic Botany.—Laboratory in both subjects. Five times a week for six weeks. Mr. H. L. JONES.

**Geology.**

- ☞ S1. Elementary Geology: at Cambridge. Five times a week for six weeks. Professor SHALER and other instructors in the Geological Department.
- ☞ S2. Field work in Southern New England. Six times a week for six weeks. Professor N. S. SHALER and Mr. J. B. WOODWORTH.

**Geography.**

- Elementary Physiography. Five times a week for six weeks. Professor DAVIS and Mr. W. H. SNYDER.
- Second course, Physiography of the United States. Five times a week for six weeks. Professor DAVIS and Mr. J. M. BOUTWELL.

**Astronomy.**

- Descriptive Astronomy. Dr. WILLSON.

**Physical Training.**

- Full Course. Six times a week for five and a half weeks. Dr. SARGENT and assistants.
- Course in Practice. Dr. SARGENT and assistants.

## LECTURES, EVENING READINGS, CONCERTS, ETC. FOR 1896-97.

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In addition to the Courses of Instruction named in the Announcement (see pp. 313-379), many lectures and readings are given each year under the auspices of the University, most of them open to the public. Last year were given the following:—

Six lectures on Classical Archaeology, by Professor WILHELM DÖRPFELD, Ph.D., LL.D., First Secretary of the German Archaeological Institute in Athens. Dr. Dörpfeld spoke in German, and his lectures were illustrated by means of the Stereopticon. The special subjects were:—

Troy. Olympia. The Acropolis of Athens. Tiryns and Mycenae. The Theatre in Athens. The Doric Temple.

Six lectures on Liberal Thought in America from Priestley to Parker, by the Rev. W. W. FENN of Chicago, Ill. The special subjects were:—

Joseph Priestley. Universalism and Deism. Channing. Emerson. Parker. The Congregational Order.

Ten lectures on the Early History of Virginia and the other Southern Colonies, by JOHN FISKE, LL.D. Subjects as follows:—

A Discourse of Western Planting.  
First Struggle with the Wilderness.  
Beginnings of a Commonwealth.  
The King and the Company.  
Virginia under Charles I.  
Calverts and Puritans.  
Bacon's Rebellion.  
Society in the Old Dominion.  
The Carolinas and the Frontier.  
Advance into the Great Woods.

The following lectures were given under the auspices of the Department of French:—

The work of the French Assyriologists. Professor LYON.  
Jean-Marie Guyau, philosopher and moralist. Professor ROYCE.  
The value of an appreciation of French style to writers in English.  
Professor WENDELL.

Molière in the English drama. Professor BAKER.

Goldsmith and Marivaux compared as dramatists ("She stoops to conquer" and "Le Jeu de l'Amour et du Hasard"). Professor de SUMICHRASST.

Three lectures on Molière, by M. FERDINAND BRUNETIÈRE of the French Academy:—

Les Années d'apprentissage et de voyage.

La Philosophie de Molière.

L'Oeuvre et l'Influence de Molière.

The following lectures and readings were given under the auspices of the Cercle Français:—

La Commune de Paris en 1871 et *le Pater* de Coppée. Professor de SUMICHRASST.

La Science et la Religion. Mr. BRUN.

La Touraine. Professor de SUMICHRASST.

L'Éducation universitaire en France. Mr. C. CESTRE.

Victor Hugo et la critique contemporaine. Mr. I. BABBITT.

A travers la Maurienne et la Tarantaise. Mr. LA MESLÉE.

In connexion with the department of Education and Teaching a course of ten lectures on School Supervision was given by Superintendent SAMUEL T. DUTTON of Brookline. The titles of the lectures were as follows:—

The Beginnings of School Supervision in the United States.

School Organization and Democracy.

The Administrative and Professional Functions involved in Town and City Supervision.

Supervision in Relation to the Community.

The School Board: Their Powers and Duties.

The Relations of the Superintendent with the Teachers.

The Child to be Educated.

The Course of Study.

The Daily Programme.

Supervision as Related to Progressive Tendencies.

Two lectures by Professor HANUS:—

Recent Educational Progress.

The Function of the Modern Secondary School.

Eight lectures on the Income Taxes in Germany, Switzerland, and England, by Dr. J. A. HILL. Subjects as follows:—

Income Taxes in Germany:

Historical Development. The Taxpayers, the Taxable Income, and the Rates. The Methods of Assessment.

**Income and Property Taxes in Switzerland :**

Their Development. The Rate and Exemptions. The Methods of Assessment.

**The English Income Tax :**

Its History. The Assessment.

Professor MOORE gave a series of evening exhibitions of lantern slides illustrating the Fine Arts of the Renaissance, as follows :—

The Architecture of the Renaissance in Italy.

The Architecture of the Renaissance in France and England.

The Sculpture of the Renaissance.

Italian Painting from Cimabue to Perugino.

Italian Painting of the Renaissance.

Venetian Painting of the Sixteenth Century.

Under the auspices of the Harvard Union the following lectures were given :—

Evolution *vs.* Revolution in Politics. HON. ANDREW D. WHITE.

Orators and Oratory. COL. T. W. HIGGINSON.

The University as a training ground for public speakers. MR. R. C. LEHMAN.

Dr. A. S. COOLEY gave the following readings :—

In connexion with the work in Freshman Greek (Courses *B* and *C*), first half-year, a course of six readings, including :

1. Selections from the "Clouds" of Aristophanes.

2. Selections from Xenophon's "Memorabilia."

3. The "The Apology of Sokrates" ascribed to Xenophon.

4. The "Phaedo" of Plato, selections, and summary of argument for the Immortality of the Soul.

In connexion with the Freshman Class in Homer (Greek *A*), second half-year :

1. A course of thirteen public readings from the Odyssey, in which Books 1-4 and 13-24 were translated and Books 5-12 summarized.

2. An illustrated public lecture on Private Life in the Odyssey, with views of ancient illustrations of scenes from the story of Odysseus.

By invitation of the Dean of Radcliffe College Dr. HORACE HOWARD FURNESS read Shakspeare's *Winter's Tale* to students of Radcliffe College and of Harvard University.

Dudleian Lecture. The Validity of the Ordination of Ministers and Pastors of the New England Churches. PROFESSOR WALKER of Hartford, Conn.

Ingersoll Lecture. Immortality of Man. REV. GEORGE A. GORDON, D.D.

Under the auspices of the Student Volunteer Committee R. W. GILDER, LL.D., delivered a lecture on Public Opinion in America.

Lecture. Crete and the Eastern Question. Dr. A. C. COOLIDGE.

Lecture. Babylonia in the Fourth Millennium B.C. (Illustrated with stereopticon views.) Dr. G. A. REISNER.

Raleigh in Guiana, a chronicle-history, in two scenes, made after the Elizabethan manner, by Assistant Professor WENDELL, was presented in Sanders Theatre by invitation of the Department of English.

Mr. J. G. JACK conducted a series of lectures and field meetings at the Arnold Arboretum during May and June for the purpose of supplying popular instruction about the Trees and Shrubs which grow in New England.

The sixteenth series of Orchestral Concerts, ten in number, was given by the Boston Symphony Orchestra, in Sanders Theatre; and the seventeenth series of these concerts, ten in number, is in progress in the same place during the current academic year.

At the meetings of the seminaries and conferences the following are among the subjects that were presented:

At the Seminary of Classical Philology:—

On the forms Tresviri, Triumviri, etc., in inscriptions and manuscripts.

Mr. H. M. HOPKINS.

The enneacrurus at Athens. Mr. C. P. BILL.

On the use of M H with the oratio obliqua infinitive in Thucydides.

Mr. A. G. LEACOCK.

On Vergil's use of Nicander. Mr. B. O. FOSTER.

The leges annales of the Roman republic. Mr. J. T. PUGH.

At the Modern Language Conference:—

Foundation sacrifice. Mr. J. A. WALZ.

Some translations of old Norse poetry. Mr. F. E. FARLEY.

Chaucer's first Italian journey. Mr. H. A. EATON.

Some methods of research in Elizabethan drama. Mr. R. A. SMALL.

The etymology of "art and part." Professor SHELDON.

Cotton Mather and the German pietistic movement. Professor FRANCKE.

Theobald as a critic. Professor KITTREDGE.

Notes on Giles Fletcher's "Russe Commonwealth." Mr. LEO WIENER.

- The sources of Shelley's "Queen Mab." Mr. A. E. HANCOCK.  
Reports.
- Lyrical introductions to ballads. Mr. J. H. BOYNTON.
- The three fates in the second part of Goethe's "Faust." Mr. J. F. COAR.
- Discussion on graduate study in European universities;—Italy, Professor MARSH; Germany, Dr. M. POLL and Dr. F. N. ROBINSON; England, Mr. C. H. C. WRIGHT; France, Mr. C. CESTRE.
- Recent progress in the history of the mediæval drama in England. Professor J. M. MANLEY, of Brown University.
- Jehan Lemaire de Belges. Mr. C. H. C. WRIGHT.
- Middle High German short vowels in some Frankfurt prints of the Sixteenth Century. Mr. W. G. HOWARD.
- At the joint meetings of the Seminary of American History and Institutions and the Seminary of Economics:—
- Methods and experience of historical investigation. Mr. J. F. RHODES.
- The financial procedure of a state legislature. Mr. F. C. LOWELL.
- At the Seminary of American History and Institutions:—
- Experience and methods of historical investigation. Dr. JUSTIN WINSOR.
- A discussion of Houston's Nullification. Mr. F. M. ANDERSON.
- Review of Harding's Federal Constitution in Massachusetts. Dr. F. E. HAYNES.
- Report of the meeting of the American Historical Association. Messrs. F. M. ANDERSON and A. L. CROSS.
- Line modifying the proclamation of 1763. Dr. JUSTIN WINSOR.
- Colonial riots. Mr. D. M. MATTESON.
- The Shays rebellion. Mr. J. P. WARREN.
- Education in New York and Massachusetts in the Seventeenth Century. Mr. J. C. S. ANDREW.
- The origin and growth of the underground road. Mr. W. H. SIEBERT.
- Episcopacy in the Colonies. Mr. A. L. CROSS.
- The popular conception of sovereignty in the United States 1789-1833. Mr. F. M. ANDERSON.
- Some aspects of "Carpet-Bag" government. Mr. W. B. BUCK.
- Disunion forces in the North in 1860-1861. Mr. R. E. PERRY.
- Mutinies in the revolutionary army. Mr. L. C. HATCH.
- Social and industrial conditions in Massachusetts from 1730 to 1790. Mr. W. NICHOLSON.
- Inter-state conventions from 1776 to 1783. Mr. W. W. BELL.

## At the Seminary of Economics :—

- French economic periodicals and other aids to economic study. Professor DUNBAR.
- Periodicals and other aids to economic study, in France. Professor DUNBAR.
- Periodicals and other aids to economic study, in England and the United States. Professor ASHLEY.
- John Rae : A neglected economist. Mr. C. W. MIXTER.
- Some impressions of reformatories. Mr. W. H. GRATWICK.
- Sir Robert Giffen on prices in relation to material progress in England. Mr. F. ATHERTON.
- The woolen manufacturer and the tariff. Mr. A. T. LYMAN.
- British capital and American resources, 1815-1850. Mr. G. S. CALLENDER.
- The taxation of sugar in the United States, 1789-1861. Mr. C. S. GRIFFIN.
- Recent immigration into the United States. Mr. E. H. WARREN.
- Apportionments of national bank currency. Mr. T. COOKE.
- Some phases of the history of the Union Pacific Railway. Mr. S. P. WEST.
- Some recent phases of economic thought in the United States. Mr. J. A. TIRRELL.
- The condition of coal-miners in the bituminous districts. Mr. H. E. GEORGE.
- Certain phases of the history and literature of industrial depression from 1873 to 1886. Mr. C. BEARDSLEY, Jr.
- The financial history of the Pennsylvania Railway. Mr. R. D. JENKS.
- Some aspects of the financial history of the Union Pacific Railway. Mr. S. P. WEST.

## At the Physical Colloquium :—

- X-rays. Professor TROWBRIDGE.
- Thomson effect. Mr. R. O. KING.
- Recent works upon the freezing points of dilute solutions. Mr. H. EDWARDS.
- Fluorescence and phosphorescence. Professor SABINE.
- Relations of high electromotive force to the Röntgen phenomenon. Professor TROWBRIDGE.
- Nernst's method of measuring dielectric constants. Mr. H. H. BROWN.
- Acetylene : Its history and proposed uses.

## At the Engineering Conference :—

- Boiler explosions : Their causes and prevention.
- The life of a railway bridge. Mr. E. M. MOSES.

Present status of the transmission and distribution of electrical energy.

Mr. C. SNOW.

Boston subway (illustrated by stereopticon). Mr. D. L. TURNER.

Rail pressures of Locomotive driving wheels. Mr. S. R. OUTERBRIDGE.

The Hardie compressed air motor in New York. Mr. A. B. SOUTHER.

The propulsion of ships. Professor HOLLIS.

Volumes of cylinders for steam engines. Mr. C. S. DOW.

The electric locomotive of the Baltimore and Ohio Railroad. Mr. A. W.

HODGES.

The use of windmills for pumping. Mr. S. R. OUTERBRIDGE.

Modern methods of pumping. Efficiency and cost. Mr. E. M. MOSES.

Engines for electric lighting. Mr. A. W. PERCIVAL.

The application of compressed air and steam to rock drilling. Mr.

W. F. STEVENSON.

Electric conductors. Mr. C. SNOW.

The development of electricity by water power. Mr. W. PARTRIDGE.

Equipment of the Baltimore and Ohio electric railroad. Mr. F. C.

LEWIS.

Development of water power. Mr. H. SELFRIDGE.

At the Geological Conference:—

The critical temperatures of steel. Mr. R. J. FORSYTHE.

The turkey branch section of the Newark rocks in the Richmond basin,  
Virginia. Mr. J. B. WOODWORTH.

Note on post-glacial history of the Connecticut river at Turner's Falls,  
Mass. Mr. M. S. W. JEFFERSON.

The geological aspects of the narrative of Nansen's last voyage. Pro-  
fessor SHALER.

Recent accessions to the fossil collections. Dr. R. T. JACKSON.

A geographical model: second stage. Mr. G. CURTIS.

Observations of geological phenomena, past and present, in Greenland,  
Baffin Land, and Labrador. Professor G. H. BARTON, of Mass. Inst.  
of Technology.

(1) Dr. Archibald Bruce, Pioneer in American mineralogy. (2) The  
excursion to Franklin, N. J. Professor WOLFF.

Natural coke from the Richmond basin. Mr. G. B. RICHARDSON.

Recent studies on the glacial great lakes. Professor DAVIS.

Greenland, the Arctic Island Continent. Civil Engineer R. E. PERRY,  
U. S. Navy.

A proposed sea trip to South America. Mr. R. DeC. WARD.

The crystallization of Calcite. Dr. C. PALACHE.

The Lewis and Clark expedition, by Elliott Coues. (Review.) Pro-  
fessor WOLFF.



- The inclusion-bearing basalts of the Boston basin. Mr. T. A. JAGGAR.  
On some neocene lava-flows of the Sierra Nevada, California. Dr.  
F. L. RANSOME.
- The excursion to Hoosac Mountain (illustrated by the stereopticon).  
Professor WOLFF.
- Some features of the Cornwallis Valley, N. S. Mr. V. F. MARSTERS.  
Exhibition of the new two-circle goniometer. Dr. C. PALACHE.
- Note on the hurricane of Oct. 10 to Oct. 14. Mr. R. DE C. WARD.
- Review of the excursion to Nahant. Professor SHALER.
- The tourmalines of Mount Mica, Maine (illustrated with specimens).  
Dr. C. PALACHE.
- A remarkable joint specimen from Somerville, Mass. Mr. J. B.  
WOODWORTH.
- Material illustrating the appendages of trilobites. Dr. R. T. JACKSON.
- The Blackstone excursion. Mr. J. B. WOODWORTH.
- Magnetic observations in geological mapping. Professor SMYTH.
- The structure and formation of agates. (Illustrated by the projection  
of agate sections in the polarizing microscope.) Dr. W. S.  
BIGELOW, '71.
- Geological history of the Cape Cod district. Professor SHALER.
- The defective force of the earth's rotation. Professor DAVIS.
- Some phenomena of steel. Mr. R. J. FORSYTHE.
- The elaeolite-syenite of the Serra Monchique in Portugal (review).  
Dr. F. L. RANSOME.
- The influence of initial fracture and rate of compression in mountain-  
building (illustrated by models). Mr. T. A. JAGGAR.
- The elevated reef of Florida. Mr. J. E. WOODMAN.
- A proposed classification in anthropo-climatology. Mr. R. DE C. WARD.
- Preliminary report on the Wamsutta group of the Narragansett Basin.  
Messrs. H. F. KENDALL and G. BUCKMAN.
- The dikes of the Richmond Basin. Mr. J. B. WOODWORTH.
- The anticlinal and synclinal ridges of Pennsylvania. Mr. A. P.  
CHITTENDEN.
- The gold district of Clay County, Alabama. Professor SHALER.
- Notes on the origin of petroleum. Mr. G. B. RICHARDSON.
- A geographical model.

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At the meetings of the various Societies and Clubs the following are  
some of the subjects that were presented :

At the Classical Club : —

- The Eleusinian mysteries. Professor F. D. ALLEN.  
The Roman forum. Professor TRACY PECK, of Yale.

The Olympic games of 1896 as an interpretation of ancient contests.  
Professor B. I. WHEELER, of Cornell.

The house of Vettius, the latest Pompeian excavation. Professor  
MORGAN.

At the Boylston Chemical Club:—

Tanning. Mr. G. W. PRIEST.

Chemistry of foods. Mr. H. A. TORREY.

At the Botanical Club:—

Notes on *Uroglæna Americana*, calk. Mr. G. T. MOORE.

Remarks on some new or rare Mexican plants. Mr. J. M. GREENMAN.

The fertilization of the Ioranthaceæ. Mr. H. L. JONES.

Review of Britton's Illustrated Flora of the United States. Mr. M. L.  
FERNALD.

Some aspects of the coast range vegetation. Mr. W. L. JEPSON, of  
the University of California.

Recent contributions to our knowledge of sexuality in the ascomycetes.  
Mr. F. O. GROVER.

Variation in *Thypha latifolia* and *T. angustifolia*. (2) Mr. J. W.  
BLANKINSHIP.

Notes on the acrasieæ. Mr. E. W. OLIVE.

Review: Figs, caprifigs, and caprifigation. Mr. F. H. BILLINGS.

Vegetable ferments. Mr. W. S. RICH.

Some biological adaptations of our seaside plants. Mr. H. L. JONES.

At the Graduate Club:—

The monetary situation. Professor TAUSSIG.

Christian socialism. Dean HODGES.

Literary Society in London and Paris in 1878. Col. T. W. HIGGINSON.

At the Graduate Philosophical Society:—

Freedom of the will.

The theory of evil.

Subconscious mind.

The nature of personality.

The credentials of monism.

At the Harvard Folk-Lore Club:—

The mythology and folk-lore of invention. Professor ALEXANDER F.  
CHAMBERLAIN, of Clark University.

## At the Harvard Religious Union :—

- Opening meeting. Professor PEABODY and the Rev. S. M. CROTHERS.  
 The place of aspiration in religion. Mr. W. A. NEILSON.  
 The ethics of political conduct. Mr. S. P. REMINGTON.  
 The scope and aim of our society. Mr. G. L. TEEPLE.  
 The scope and purpose of the religious. Mr. G. L. TEEPLE.  
 The duty of the consumer. Mr. C. A. DUNIWAY.  
 The place of ritual in self culture. Mr. A. D. SHEFFIELD.  
 The problem of conformity. Mr. W. A. NEILSON.  
 Self reliance and non-conformity. Mr. F. C. GULICK.  
 The Highest God. Mr. D. H. FLETCHER.  
 The ethics of usury. Mr. C. S. GRIFFIN.  
 Asceticism and the Holy Grail. Mr. N. C. BROOKS.  
 Personal influence in college life. Professor PEABODY.  
 The function of the modern church. Mr. A. S. MCDANIEL.  
 Pleasure. Mr. W. A. NEILSON.  
 Browning's "The Statue and the Bust." Mr. GEORGE L. TEEPLE.  
 On taking one's self too seriously. Mr. A. D. SHEFFIELD.  
 Miracles. Mr. J. P. SHEFFIELD.  
 Salvation. Mr. D. H. FLETCHER.

## At the Christian Association :—

- Foreign missions.  
 Principal meeting of the week of prayer. Address by Professor PALMER.  
 Address by Mr. R. E. LEWIS, Traveling Secretary of the Student Volunteer Movement.  
 The heavenly vision. Acts xxvi : 19. Mr. F. L. WALDO.  
 "Scholarship and Christianity." Proverbs iii : 13-26. Mr. E. B. BARTON.  
 The great commandments. Mark xii : 28-34. Mr. E. W. CAPEN.  
 Laborers with God. 1 Cor. iii : 9; Col. iii : 23. Mr. G. A. GOODRIDGE, '99.  
 Modern Apostles, — Adoniram Judson.  
 The gifts of God. Acts iii : 6.  
 The supreme gift.  
 The inner life as a solution of doubts.  
 The parable of the prodigal son.

The following are some of the subjects discussed at the Course in Oral Debates and at the meetings of the various debating societies :

## Oral Debates of English 6 :—

*Resolved*, That the powers exercised by the Speaker of the House of Representatives should be restricted.

*Resolved*, That American Free Coinage would sensibly increase the price of silver and prevent repudiation.

*Resolved*, That the United States and Great Britain should take decided action to bring about a cessation of the present disorders in Turkey.

*Resolved*, That the two proposed constitutional amendments for biennial elections should be adopted by the people of Massachusetts.

*Resolved*, That, assuming the adoption of adequate constitutional amendments, the United States should institute a system of responsible cabinet government.

*Resolved*, That the President of the United States should be eligible to a third term of office.

*Resolved*, That the Republican Party should not undertake, as part of its programme during the 54th Congress, any extension of the Protective System.

*Resolved*, That a Constitutional amendment should be adopted empowering Congress to pass a uniform law of divorce for this country.

*Resolved*, That United States Senators should be directly elected by the people of their respective States.

*Resolved*, That bills passed by State Legislatures should be submitted to vote at request of a certain number of voters.

*Resolved*, That the money now spent on Eastern schools for Indians should be spent on the Reservation schools.

*Resolved*, That the United States should recognize Cuban Belligerency.

*Resolved*, That presidential electors should be chosen by districts instead of by a general ticket.

*Resolved*, That in States where the negro population is equal to or greater than the white, Constitutional provisions tending toward a temporary disfranchisement of the negroes have been, and are, justifiable.

*Resolved*, That all executive duties in American cities should be concentrated in the hands of the Mayor, and his appointments should not require confirmation.

*Resolved*, That the Faculty should use the ordinary legal processes for the detection and punishment of vandalism.

*Resolved*, That the power of injunction, as exercised by the courts, should be restricted.

*Resolved*, That a permanent commission should be established in the United States for the formulation of its tariff laws, which are to be accepted or rejected by Congress without amendment.

*Resolved*, That a change should be made in the location and character of the Tree Exercises.

*Resolved*, That the present observance of Class Day should be modified in these two respects: (1) That the exercises round the Tree be changed; and (2) that the giving of spreads and other entertainments be extended over a period of not less than three days.

*Resolved,* That the election of United State Senators should be by direct popular vote.

*Resolved,* That municipalities in times of distress should give work to the unemployed.

*Resolved,* That, assuming the independence of Cuba, a political union would be desirable for the United States.

*Resolved,* That the action of the Administrative Board, in adopting the rule that a man who hands in written work not his own shall be separated from the University and that his name shall be publicly posted, is justifiable.

*Resolved,* That a high protective tariff maintains the high rate of wages in the United States.

*Resolved,* That an infirmary should be supported by a uniform tax on the resident body.

*Resolved,* That the Loud Bill amended so as to provide for penny postage should not be passed by Congress.

*Resolved,* That Congress should enact the Lodge immigration bill.

*Resolved,* That it is to the interest of the United States that the Monroe Doctrine be abandoned.

*Resolved,* That the State Bank Tax should be repealed.

*Resolved,* That the recent action of Greece in regard to Crete is commendable.

*Resolved,* That a new county should be formed of the cities and towns which make up the Metropolitan District of Boston.

*Resolved,* That granting the continuance of her control over Egypt, England should take possession of the Sudanese Kingdom of the Khalifa.

*Resolved,* That the conduct of the U. S. Senate in recent years justifies the conclusion that it has suffered a permanent deterioration.

*Resolved,* That the management of Harvard athletics be under the control of the student body instead of the present Athletic Committee.

*Resolved,* That the Greater New York Bill should be passed.

*Resolved,* That Congressmen should be elected from any districts in their States.

*Resolved,* That, the inhabitants consenting, the Hawaiian Islands should be annexed to the United States as a self-governing territory, not to be admitted as a State except by the consent of all the other States.

*Resolved,* That a permanent national Board of Arbitration should be instituted to intervene between commerce carriers and their employees.

*Resolved,* That river and harbor improvements should be undertaken by the states and not by the central government.

*Resolved,* That the direct performance of public works is the better system for American municipalities.

*Resolved,* That anti-trust laws are desirable.

At the meetings of the Harvard Union : —

*Resolved*, That the United States should propose an alliance with England for the protection of the Christians in Turkey.

*Resolved*, That the Republican Party should not undertake, as a part of its programme during the 55th Congress, any extension of the Protective System.

*Resolved*, That written examinations in Harvard College should be abolished.

*Resolved*, That Hawaii should be annexed to the United States as a self-governing territory, to be admitted as a state only with the consent of all the States.

*Resolved*, That the recognition of belligerency and independence is the exclusive duty of the President, not subject to Congressional control.

*Resolved*, That the foreign policy of the Cleveland Administration is to be commended.

*Resolved*, That the power of the Speaker of the House of Representatives is dangerous to the public welfare.

At the meetings of the Harvard Forum : —

*Resolved*, That it is desirable that the President should not be eligible for more than two terms.

*Resolved*, That the use of injunctions by the federal courts should be restricted.

*Resolved*, That the breaking off of intercollegiate contests between Harvard and Yale has been beneficial to Harvard athletics.

*Resolved*, That there should be no general revision of the tariff during the coming administration.

*Resolved*, That a constitutional amendment should be secured by which senators shall be elected by direct vote of the people.

*Resolved*, That a system of evening recitations should be instituted at Harvard.

*Resolved*, That the Tree Exercises on Class Day should be abolished.

*Resolved*, That it would be for the benefit of the state if our legislative bodies passed fewer laws.

*Resolved*, That the Chicago Convention was more indicative of a low state of morals in the American people than the recent prize fight.

*Resolved*, That the power of the Speaker of the United States House of Representatives is detrimental to the public interest.

*Resolved*, That the Graduate Athletic Committee has benefited Harvard athletics.

*Resolved*, That the 'chaperone order' was not open to just criticism.

At the meetings of the Freshman Debating Club :—

*Resolved*, That the election of William J. Bryan is necessary for the welfare of the United States.

*Resolved*, That the United States should interfere in the Cuban Rebellion in favor of the insurgents.

*Resolved*, That capital punishment be abolished.

*Resolved*, That the action of the Advisory Committee in abolishing Freshman Intercollegiate Debating is unadvisable.

*Resolved*, That the 55th Congress should not make any general revision of the tariff.

*Resolved*, That Government control of railroads would be for the best interests of the people.

*Resolved*, That immigration should be further restricted.

*Resolved*, That the United States navy should be further increased.

*Resolved*, That the honor system of conducting examinations should be adopted at Harvard.

*Resolved*, That labor unions are detrimental to the prosperity of the United States.

*Resolved*, That the United States senators should be elected by popular vote.

*Resolved*, That the Civil Service Act should be extended to all departments of the government service.

*Resolved*, That the Nicaragua Canal should be owned and operated by the United States government.

*Resolved*, That the power of injunction as exercised by the courts should be restricted.

*Resolved*, That the foreign policy of Mr. Cleveland is to be commended.

*Resolved*, That Hawaii should be annexed to the United States as a self-governing territory, to be admitted as a state only with the consent of all of the States.

*Resolved*, That England was justified in acting with the powers against the position of Greece in regard to Crete.

## COLLECTIONS, LABORATORIES, PUBLICATIONS, CLUBS.

### LIBRARIES.

Besides the general Library in Gore Hall, which is for the use of the whole University, the following special libraries are open to advanced students engaged in work of research in the several departments of study :—

**SEMITIC STUDIES** : 7 Sever Hall; 781 books. Professor Toy.

**SANSKRIT** : 15 Sever Hall; 230 books. Professor Lanman.

**CLASSICAL PHILOLOGY** : 3 Harvard Hall; 3090 books. Asst. Professor Howard.

**CHILD MEMORIAL LIBRARY (English)** : 2 Sever Hall; 1500 books. Professor Kittredge.

**GERMANIC AND ROMANCE LANGUAGES (German, Romance Philology, Comparative Literature)** : 2 Sever Hall; 500 books. Dr. Bierwirth.

**FRENCH** : 21 Sever Hall; 1800 books. Asst. Professor de Sumichrast.

**PSYCHOLOGY** : Dane Hall; 360 books. Professor James.

**SOCIAL QUESTIONS** : Harvard Hall; 800 books. Professor Peabody.

**GENERAL HISTORY** : Harvard Hall; 1500 books. Professor Macvane.

**AMERICAN HISTORY** : Harvard Hall; 800 books. Professor Hart.

**ECONOMICS** : Harvard Hall; 800 books. Professor Taussig.

**ARCHITECTURE** : Architectural Building; 180 books. Asst. Professor Warren.

**MUSIC** : Dane Hall; 200 books. Professor Paine.

**MATHEMATICS** : 22 Sever Hall; 350 books. Professor Byerly.

**ENGINEERING** : Lawrence Scientific School; 4700 books. Professor Hollis.

**PHYSICS** : Jefferson Physical Laboratory; 350 books. Professor Trowbridge.

**CHEMISTRY** : Boylston Hall; 1600 books. Asst. Professor Richards.

**MINERALOGY AND PETROGRAPHY** : University Museum; 700 books. Professor Wolf.

**BOTANY** : Gray Herbarium, Botanic Garden; 12,000 books. Dr. B. L. Robinson.

**PHANEROGAMIC BOTANY** : University Museum; 600 books. Professor Goodale.

**ZOOLOGY AND GEOLOGY (Museum of Comparative Zoölogy)** : University Museum; 32,000 books. Miss F. M. Slack.

**ZOOLOGY (Zoölogical Laboratories)** : University Museum; 250 books. Professor Mark.



**GEOLOGY AND PALAEOLOGY (Geological Laboratory) :** University Museum; 250 books. Professor Shaler.

**WHITNEY COLLECTION OF GEOLOGY AND GEOGRAPHY :** University Museum; about 6500 books.

**PHYSICAL GEOGRAPHY :** University Museum; 475 books. Professor Davis.

**ANTHROPOLOGY :** Peabody Museum; 1838 books. Professor Putnam.

The above libraries contain also many pamphlets, maps, photographs, etc.

### MUSEUMS, LABORATORIES, ETC.

Students who take courses involving laboratory work or the study of collections, or who are engaged in special research of an advanced character outside of the regular courses, may carry on such studies, under proper regulations, in the appropriate Museums and Laboratories.

The following is a list of the Museums and Laboratories which are available to suitably qualified students, under these conditions, with the names of their Curators or Directors. Some of them comprehend subdivisions, not here enumerated. Fuller information about the Museums and Laboratories may be found on later pages of the Catalogue.

**SEMITIC MUSEUM :** Peabody Museum, Divinity Avenue. Professor Lyon.  
**SANSKRIT COLLECTION (Sanskrit, Jaina Prākṛit, and Pāli manuscripts, rubbings of inscriptions from the Aṣoka stone and Buddhist Stūpa of Bharhut, facsimile coins, photographs, stereopticon slides, etc.) :** 15 Sever Hall. Professor Lanman.

**CLASSICAL PHILOLOGY COLLECTION (maps, casts, stereopticon slides, photographs, facsimile coins, etc.) :** in various buildings.

**PSYCHOLOGICAL LABORATORY :** Dane Hall. Professor James.

**WILLIAM HAYES FOGG ART MUSEUM :** Broadway. Professor Moore.

**GRAY COLLECTION OF ENGRAVINGS :** East room, second floor, Fogg Art Museum. Professor Moore.

**FINE ARTS DRAWING ROOM :** 37 Sever Hall. Professor Moore.

**ARCHITECTURAL DRAWING ROOM :** Architectural Building. Asst. Professor Warren.

**JEFFERSON PHYSICAL LABORATORY :** off Kirkland Street. Professor Trowbridge.

**ENGINEERING LABORATORY :** Rogers Building, Broadway. Professor Hollis.

**ELECTRICAL ENGINEERING LABORATORY :** Lawrence Scientific School, Kirkland Street. Asst. Professor Adams.

**CHEMICAL LABORATORY :** Boylston Hall. Professor H. B. Hill.

**MINERALOGICAL MUSEUM AND LABORATORIES :** University Museum, Oxford Street. Professor Wolf.

**BOTANIC GARDEN:** corner of Garden and Linnaean Streets. Professor Goodale.

**GRAY HERBARIUM:** Botanic Garden. Dr. B. L. Robinson.

**BOTANICAL MUSEUM AND LABORATORIES:** University Museum, Oxford Street. Professor Goodale.

**CRYPTOGAMIC HERBARIUM:** University Museum, Oxford Street. Professor Farlow.

**MUSEUM OF COMPARATIVE ZOOLOGY AND LABORATORIES OF NATURAL HISTORY:** University Museum, between Oxford Street and Divinity Avenue. Dr. Agassiz.

**PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY:** Divinity Avenue. Professor Putnam.

Graduate Students taking the courses offered to them at the Medical School are admitted to the laboratories in which those courses are carried on. In special cases, and by arrangements made beforehand in each case, Graduate Students may carry on studies at the Bussey Institution of Agriculture and Horticulture or at the Astronomical Observatory.

### PUBLICATIONS.

Some departments of study issue periodicals or yearly volumes, embodying the work of instructors and students at the University. Other departments make regular contributions, under an official heading, to the proceedings of certain learned societies or to journals of literature and science, existing outside of the University. The publications of the first class and those of the second which are also issued directly by the departments are the following; including a few which, although connected with studies cultivated by the Faculty of Arts and Sciences, are independent of that Faculty:—

**HARVARD ORIENTAL SERIES (Indo-Iranian Department):** Vols. I-III issued. Vols. IV and V in press.

**HARVARD STUDIES IN CLASSICAL PHILOLOGY (yearly):** Vols. I-VII issued. **STUDIES AND NOTES IN PHILOLOGY AND LITERATURE (Modern Language Departments):** yearly. Vols. I-V issued. Vol. VI in preparation.

**HARVARD HISTORICAL STUDIES:** published under the direction of the Department of History and Government, from the income of the Henry Warren Torrey Fund. Vols. I-VI issued.

**QUARTERLY JOURNAL OF ECONOMICS:** in its twelfth year.

**ANNALS OF THE OBSERVATORY OF HARVARD COLLEGE:** thirty-three volumes issued.

**CONTRIBUTIONS FROM THE CRYPTOGRAMIC LABORATORY:** forty numbers issued.

**PUBLICATIONS OF THE MUSEUM OF COMPARATIVE ZOOLOGY:**—**BULLETIN,** thirty volumes issued; **MEMOIRS BY PROFESSORS AND ASSISTANTS,** twenty-two volumes issued.

**CONTRIBUTIONS FROM THE ZOÖLOGICAL LABORATORY:** eighty-six numbers issued. (Some of the contributions are also contained in the Museum Bulletin.)

**PUBLICATIONS OF THE PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY:**— ANNUAL REPORTS, thirty numbers issued; PAPERS, five numbers issued; MEMOIRS, three numbers issued.

The **HARVARD GRADUATES' MAGAZINE**, issued quarterly, and now in its sixth year, gives a record of the current life and work of the University, biographical and bibliographical data regarding Graduates, besides articles on other matters of general interest.

### CLUBS.

Important work is done by students in Clubs which exist in more or less close connexion with the several departments of study, and meet frequently. These organizations, concerning which detailed information is given in the Departmental Pamphlets or may be obtained from instructors, include the following:—

**SANSKRIT CONFERENCE:** fortnightly in the second half-year.

**CLASSICAL CLUB:** fortnightly.

**MODERN LANGUAGE CONFERENCE:** fortnightly.

**DEUTSCHER VEREIN:** fortnightly.

**CERCLE FRANCAIS:** fortnightly.

**PHILOSOPHICAL CONFERENCE:** monthly.

**HARVARD PEDAGOGICAL CLUB:** fortnightly.

**HARVARD MEMORIAL SOCIETY.**

**HARVARD FOLK-LORE SOCIETY.**

**HARVARD PHYSICAL CLUB:** twice in three weeks.

**HARVARD CHEMICAL CLUB:** fortnightly.

**BOYLSTON CHEMICAL SOCIETY:** fortnightly.

**BOTANICAL CONFERENCE:** fortnightly.

**BOTANICAL CLUB:** fortnightly.

**ZOÖLOGICAL CLUB:** weekly.

**HARVARD NATURAL HISTORY SOCIETY:** bi-monthly.

To these are to be added the Semitic Conference, the Classical Seminary, the Mathematical Conference, the Physical Colloquium, and the Geological Conference (see Announcement), which have something of the character of clubs.

Besides the above named clubs, existing for purposes of special study and discussion, there are organized in the University many societies having religious, ethical, political, literary, musical, and social objects. The **GRADUATES' CLUB**, maintained by students in the Graduate School, may be especially mentioned. Its circular may be obtained on application.

For a record of portions of the work of the seminaries, conferences, and clubs, during the year 1896-97, see pages 390-400.

## REGULATIONS CONCERNING THE CHOICE OF STUDIES.

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The Courses of Instruction named in the Announcement (pp. 313-379) are provided by the Faculty of Arts and Sciences for all the students under its charge, whether registered in Harvard College, in the Lawrence Scientific School, or in the Graduate School; and a student in either of these departments makes his choice of studies according to the regulations of the department to which he belongs. (See below.)

A student in regular standing in any department of the University, not under the charge of the Faculty of Arts and Sciences, may obtain admission under a standing vote of the Corporation to any course offered by that Faculty, provided it be not a laboratory course, or necessarily limited in numbers, by presenting to the Dean of the Faculty of Arts and Sciences an application, on an official blank, certified by the Dean of the department in which the student is registered, and by giving satisfactory evidence of qualification for the course to the instructor who conducts it. A student in regular standing in Harvard College, the Lawrence Scientific School, or the Graduate School may obtain admission to a course offered in any other department of the University by presenting an application to the Dean of that department in similar form, and giving satisfactory evidence of qualification to the proper instructor.

*No student is admitted to any course offered by the Faculty of Arts and Sciences, unless he has fulfilled all the requirements for that course named in the Announcement, or otherwise satisfies the instructor that he is prepared to pursue it.*

Every student must make his election so as to avoid conflict between the hours appointed for recitations or examinations in the courses which he chooses. No student will be examined in two courses of the same examination group, excepting half-courses not given in the same half-year, and a few courses specially mentioned in the Announcement.

The courses *primarily for Undergraduates* are open also to Graduate Students, and are sometimes recommended to such students; but they are not ordinarily counted towards the degree of Master of Arts.

The courses *for Undergraduates and Graduates* are, under certain limitations, which are named in notes attached to the courses in the Announcement, open to any properly qualified student. But no starred (\*) course may be taken by any student without the *previous consent* of the instructor.

The courses *primarily for Graduates* are open to properly qualified Graduate Students; but Graduate Students are advised to consult the instructors before making their election. *No College or Scientific student* is admitted to any course of this group unless on the written *recommendation* of the instructor. The Courses of Research and Seminary Courses may not be taken *by any student* without the *previous consent* of the instructor; and an undergraduate may not take in one year *more than one* Course of Research or Seminary Course.

### HARVARD COLLEGE.

Every undergraduate of Harvard College is required to hand in, on the first Saturday of the academic year, between 1 and 4 P.M., at a place to be announced each year on the bulletin boards, a list of his studies, both prescribed and elective, *for the whole year*. The list must be written on a card provided for the purpose; and, if the student is a Freshman or a Special Student, it must be signed by his adviser. *Additional studies* should be included in the list; but *extra studies* are not to be included (see p. 409).

At the same time and on the same card, every College student is required to enroll himself in each study to be pursued by him, whether prescribed or elective, which begins in the first half-year.

Every student is required in choosing his studies to conform to the general rules for all students laid down above. The further rules affecting the choice of studies by students of the different College classes follow below.

It is of the utmost importance that the student should have fully considered and decided upon his plan of study before the first Saturday of the academic year, as changes from the lists first handed in are not allowed except for causes which could not have been foreseen. A change may be made only with the written consent (given on a blank form to be obtained at the Recorder's office) of the instructor whose course the student wishes to enter, and in the case of a Freshman or a Special Student with the approval of his adviser. Notice of the proposed change must be given at the Recorder's office, and the Recorder's certificate that the change involves no infringement of College rules must be obtained, before it can go into effect.

When a student has obtained leave to make a change in his studies, he must enroll himself at the first exercise after his admission to the new course.

Students are strongly urged to choose their studies with the utmost care, under the best advice, and in such a manner that their studies from first to last may form a rationally connected whole. It is believed that any plan of study, deliberately made and adhered to, is more profitable than studies chosen from year to year, without plan, under the influence of temporary preferences.

It will be seen that students who prefer a course like that prescribed by many colleges may secure it by a corresponding choice of studies; while others, who have decided tastes, or think it wiser to concentrate their study on a few subjects, obtain every facility for doing so.

Undergraduates who intend to study Engineering after graduation are advised to consult the Professor of Engineering with reference to the best courses for them to take in College. Those who intend to study Architecture are advised to consult the Professor of Architecture. To those who intend to study Medicine the Medical Faculty recommends Biology, Anthropology, Chemistry, Physics, French, and German. To those who intend to study Law the Law Faculty recommends Latin, French, Themes and Forensics, Elocution, Oral Discussion, Rhetoric, Logic, Ethics, Political Economy, Constitutional and Legal History and the History of Institutions, and International Law.

### Freshmen.

#### PRESCRIBED STUDIES.

Rhetoric and English Composition. (English *A*.) *Three times a week.*

German or French (German *A* or *B*, or French *A*); prescribed for those only who have not presented both German and French for admission.  
*Three times a week.*

#### ELECTIVE STUDIES.

In addition to the prescribed studies named above, every Freshman for whom German or French is prescribed is required to take elective studies amounting to *three full courses*; and every other Freshman is required to take elective studies amounting to *four full courses*. No Freshman may elect more than two courses in the same department except by special permission of the Dean of Harvard College.

The courses named in the following list are *regularly open* as elective studies to Freshmen, provided the requirements for the courses chosen have been satisfactorily fulfilled. These courses and the courses prescribed for Freshmen are indicated by heavy-faced type in the table of Hours and Examination Groups (pp. 380, 381). Many of the courses in this list are *especially designed for Freshmen*.

*A Freshman may obtain admission to any course not in the following list by satisfying the instructor in such course that he is qualified to pursue it and presenting at the Recorder's office the written permission of the instructor.*

*Elective Courses regularly open to Freshmen.*

Greek *A, B, C, E* (half-course), *F* (half-course).

Latin *A, B, C, D, E* (half-course), *F* (half-course).

English 28 (half-course); and to those who have anticipated English *A*, any course in English is open, on the same terms as to Sophomores.

German *B* (equivalent to German *A* and a half-course of elective work), *C, 1a, 1b, 1c, E* (half-course), *F* (half-course), *2a, 2, 3, 4, 6* (half-course).

French *1b, 1c, 1a, 2c, 2a, 3* (half-course), *4* (half-course).

Italian 1, or Spanish 1. (Both of these cannot be taken in the same year.)

History 1.

Government 1 (half-course).

Fine Arts 1.

Music 1.

Mathematics *A* (half-course), *B* (half-course), *C, D* (half-course), *E* (half-course), *F*.

Engineering *3a, 4a*.

Physics *B* (half-course),\* *C, 1*.

Chemistry *B, 1*.


Botany 1 (half-course).

Zoology 1 (half-course).

Geology and Geography *A* (half-course), *B* (half-course), *4* (half-course), *5* (half-course).

Mineralogy and Petrography 2.

No study presented in satisfaction of the requirements for admission may be counted as College work. A student who has failed at his admission examinations in any study taught in College may make good the deficiency either by taking the corresponding course as an *additional study* (see next page), or by merely passing the mid-year and final examinations in the course, provided that in the latter case he give notice of his intention one month in advance. (In laboratory courses, however, the second plan is impracticable.)

 All admission conditions must be removed before the beginning of the Junior year.

\* Physics *B*, if taken by a student having an admission condition in Elementary Physics, cannot be counted towards the degree of A.B.

## ADVISERS OF FRESHMEN.

The Freshman class is placed under the special charge of a Committee of the Faculty, each member of which acts as Adviser to a certain portion of the class. *Every Freshman is required to submit his choice of studies to his Adviser at or before the beginning of the year*; and his work is to be carried on under the supervision of that officer. He may consult his Adviser upon any subject relating to his College life.

## Sophomores, Juniors, and Seniors.

The prescribed work of the Sophomore and Junior years consists of Themes (English *B*) for Sophomores, and Forensics (English *C*) for Juniors, each of these studies being rated as a half-course. Written work done in an elective course may, with the consent of the instructors in English *B* and *C*, be substituted for Themes and Forensics. Candidates for Second-Year or Final Honors may substitute Theses in their special departments for Forensics, provided such substitution be approved by the instructors in those departments and by the instructor in Forensics; but no thesis that forms part of the work in any of the student's regular courses shall be so substituted.

There are no prescribed studies of the Senior year.

Every Sophomore, Junior, or Senior is required to take *four elective courses* or an equivalent amount of courses and half-courses. Without permission from the Dean of Harvard College, he shall take not less than the equivalent of three half-courses during either half-year.

## Additional and Extra Studies.

A student whose record of work performed is complete at the beginning of any year may take, as a part of his regular work, studies in excess of the required amount, to the extent of *one course* in his Freshman year, and of *two courses* in any subsequent year. But studies thus added to the prescribed amount may not exceed, in either half-year, one half of the total addition permitted for the year.

In each study pursued under this provision, the student assumes the same responsibility, and is entitled to the same privileges, as if his work were limited to the required amount. He may, however, at any time withdraw from any study which he is pursuing in excess of the required amount, by giving written notice to the Recorder.

A study taken in addition to the required amount, under this provision, as a part of a student's regular work, is called an *Additional Study*.

A student who wishes, without assuming all the responsibilities of a regular study, to attend the instruction in any course may do so on obtain-



ing leave of the instructor; but no record will be kept of his attendance, and he will receive no credit in the College books for work done in the course. A course so taken is called an *Extra Study*.

#### Deficiencies.

A student whose record is deficient at the beginning of any year is expected to pursue during that year such studies, in addition to those otherwise required, as may be necessary to make up the deficiency in accordance with the Regulations; and these studies will be treated in all respects as part of his regular work. With the consent of the Dean of Harvard College, he may take Additional Studies beyond the amount necessary to make up his deficiency, under the conditions stated above.

A student wishing to make up a deficiency in a prescribed course by passing *the mid-year and final examinations* in that course must give the Recorder notice *before December 20* of his intention to take the examinations.

#### Special Students.

For all the regulations which relate to Special Students, see pages 307, 308.

#### LAWRENCE SCIENTIFIC SCHOOL.

For information concerning the courses prescribed for or open to students in the Lawrence Scientific School, reference should be made to the account of the studies pursued in that School, given on pages 412-419.

#### GRADUATE SCHOOL.

Every Resident Student in the Graduate School is required to file a *list of his studies* for the year (or at least for the first half-year), at the time he registers, with the officer in charge of the registration, — or within one week thereafter, at the office of the Dean of the Graduate School. If he subsequently wishes to make any change in his studies, he must file written notice of his wish at the Dean's office, and must obtain the assent of the Dean.

All Courses of Instruction provided by the Faculty of Arts and Sciences are open to students in the Graduate School, provided they are properly qualified to pursue them by their previous training; but courses *primarily for Undergraduates* are not ordinarily counted for the degree of A.M.

A complete year's work for a Resident Student in the Graduate School, when made up of Courses of Instruction, consists of four full Courses of Instruction of advanced grade, pursued with high credit throughout an academic year, or of equivalent work in courses and half-courses.

*Special study of an advanced character*, whether done in connexion with any course or courses of instruction, or carried on outside of the courses, may be counted as a part or the whole of the *year's work* of a Graduate Student. In order that it may be so counted, the student should enter it in his list of studies, which he files at the beginning of the year at the office of the Dean of the Graduate School, with a statement of the weight it is designed to have in his year's work; and this entry should be followed by the signature of an instructor, who thereby expresses his approval of the special study proposed by the student, and undertakes to supervise it during the academic year, and to report upon it at the close of the year.

Among the higher courses of instruction are Courses of Research and Seminaries, for students who wish to do special work of an advanced character. These courses are carried on under various plans of administration in the several Departments, but always with the object of affording opportunity for systematic independent study.

The Conferences and Clubs, several of which have purposes similar to those of the Courses of Research and Seminaries, are valuable auxiliaries of the Departments. (See p. 404.)

The requirements to be fulfilled by a Graduate Student who wishes to be a candidate for a degree are stated elsewhere. (See pp. 429-436.)

The degrees of Ph.D. and S.D. rest on no enumeration of courses or record of merit in class work. But candidates for those degrees are required to have pursued advanced studies, suitable in character and amount to be accepted as preparation for the degree sought. These studies must occupy two or three years beyond the time devoted to more elementary studies; and at least *one complete year's work in residence at the University* is required.

## STUDIES OF THE LAWRENCE SCIENTIFIC SCHOOL.

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Instruction is offered in the Lawrence Scientific School in the following eleven Departments of Study; and every student in the School must be registered in one of these Departments:—

1. CIVIL AND TOPOGRAPHICAL ENGINEERING.
2. ELECTRICAL ENGINEERING.
3. MECHANICAL ENGINEERING.
4. MINING AND METALLURGY.
5. ARCHITECTURE.
6. CHEMISTRY.
7. GEOLOGY.
8. BIOLOGY.
9. ANATOMY, PHYSIOLOGY, AND HYGIENE.
10. SCIENCE FOR TEACHERS.
11. GENERAL SCIENCE.

In each of these Departments, there is a four years' programme of study, mostly composed of Courses of Instruction selected from the list provided by the Faculty of Arts and Sciences (see pp. 313-379). The programme of study in each Department is in the main prescribed, but some options are allowed, especially in the third and fourth years.

The studies of the first two years in all Departments are chiefly such as belong naturally to the undergraduate period; and many of these are the same in all Departments. Courses in English, German, and French are prescribed in all Departments; the courses to be taken in German and French being governed by the student's proficiency as tested at the examinations for admission or otherwise.

The last two years are largely devoted, in most Departments, to advanced studies having a close relation to professional work.

The programmes of study for 1897-98 in the several Departments are stated below. A fuller statement of these programmes will be found in the special pamphlet issued by the Scientific School, of which copies may be had by application at the Publication Office or to the Secretary of the School.

The degree of Bachelor of Science may be taken in any one of the eleven Departments. The requirements for this degree are named in the following statement of programmes of study.

## PROGRAMMES OF STUDY.

## 1. Civil and Topographical Engineering.

Five weeks' work in the field is required at the end of the first and second years; this work is a continuation of the courses in surveying and railroad engineering.

Those who pass the admission examination in French are required to take one year of French and one year of German. Those who pass the admission examination in German are required to take two years of French.

Students who complete this programme, pass the required examinations, and present a satisfactory thesis receive the degree of Bachelor of Science in Civil and Topographical Engineering.

FIRST YEAR. Engineering 1a; 1b; 1d; 3a; 4a. Chemistry 1. English A. French A or 1b.

SECOND YEAR. Engineering 1c; 3c\*; 3e; 4c; 4d. Physics 1. English BC. German A or French 1b.

THIRD YEAR. Engineering 5a; 6a; 13a; 11a; 8a; 18a; 4e. Geology and Geography A and B, or 4 and 5. *Optional*: Engineering 1f.

FOURTH YEAR. Engineering 7a; 5c; 13d; 6d; 6c; 16a; 22; 21. In addition to these, one course, or two half-courses, the choice to be approved by the Division of Engineering. Preparation of Thesis.

## 2. Electrical Engineering.

Attention is called to the Shopwork, a large part of which may be done in five weeks' Summer work at the end of each of the first two years. Those who pass the admission examination in German are required to take one year of French and one year of German. Those who pass the admission examination in French are required to take two years of German.

Students who complete this programme, pass the required examinations, and present a satisfactory thesis, receive the degree of Bachelor of Science in Electrical Engineering.

An additional year (see below) is provided for those who wish to make a more extended study of the mathematical theory of Electricity.

FIRST YEAR. Engineering 1a; 1b; 1d; 3a; 10a; 10b. Chemistry 1. English A. German A or 1c.

SECOND YEAR. Engineering 1c; 3c\*; 3d; 10c; 10d; 10e. Physics C or 1. English BC. French A or German 1c.

\* After 1897-98 Engineering 3b will be substituted for 3c.

THIRD YEAR. Engineering 5a; 16c; 16e; 11a; 6a; 13a. Physics 3;  
6. *Optional*: Engineering 1f.

FOURTH YEAR. Engineering 5c; 16d; 17a; 12a; 14a; 22; 21. In addition to these, one course, or two half-courses, the choice to be approved by the Division of Engineering. Preparation of Thesis.

### Advanced Programme in Electrical Engineering.

The following programme of advanced study is provided for those students who wish to continue their studies a year beyond the regular course. The additional year is devoted, for the most part, to the study of Mathematics and the mathematical theory of Electricity; but additional time is also available for advanced experimental work and for preparation of the thesis.

FIRST AND SECOND YEARS. As above.

THIRD YEAR. In addition to studies provided above for this year, Mathematics 5.

FOURTH YEAR. In addition to studies provided above for this year, and in place of the elective course and the Preparation of a Thesis, Mathematics 10 and Physics 4.

FIFTH YEAR. Physics 8 and 9. Laboratory Work and Thesis.

### 3. Mechanical Engineering.

Attention is called to the Shopwork, a large part of which may be performed in five weeks' Summer work at the end of the first and second years. Those who pass the admission examination in German are required to take one year of French and one year of German. Those who pass the admission examination in French are required to take two years of German.

Students who complete this programme, pass the examinations, and present a satisfactory thesis receive the degree of Bachelor of Science in Mechanical Engineering.

FIRST YEAR. Engineering 1a; 1b; 1d; 3a; 10a; 10b. Chemistry 1. English A. German A or 1c.

SECOND YEAR. Engineering 1c; 3c\*; 3d; 10c; 10d; 10e. Physics 1. English BC. French A or German 1c.

THIRD YEAR. Engineering 5a; 11a; 11b; 6a; 13a; 14a; 18a. Physics 6. *Optional*: Engineering 1f.

FOURTH YEAR. Engineering 5c; 13b; 14b; 16a; 12a; 12c; 22; 21. In addition to these, one course, or two half-courses, the choice to be approved by the Division of Engineering. Preparation of Thesis.

#### 4. Mining and Metallurgy.

The examinations for admission are the same as those required for the other departments of the School. Candidates for admission are, however, advised to offer both French and German, and Experimental Physics.

Students in Harvard College who intend after graduation to study for the degree of Bachelor of Science in Mining and Metallurgy are advised, as far as possible, to anticipate the elementary work in Mathematics, Engineering, Geology, and Chemistry.

Persons who satisfactorily complete this programme and present an acceptable thesis receive the degree of Bachelor of Science in Mining and Metallurgy.

FIRST YEAR. Engineering 1*a*; 1*b*; 1*d*; 3*a*; 4*a*. Chemistry 1. English *A*. German *A* or French *A*.

SECOND YEAR. Engineering 1*c*; 4*c*; 4*d*. Physics 1. Chemistry 3. Mineralogy and Petrography 2. Geology and Geography 4; 5. English *BC*.

THIRD YEAR. Mining and Metallurgy 1; 2; 3. Geology and Geography 10. Engineering 5*a*; 6*a*; 11*a*; 3*c*. Chemistry 4.

FOURTH YEAR. Mining and Metallurgy 5; 6. Geology and Geography 18; 22*b*. Mineralogy and Petrography 12. Engineering 16*a*.

#### 5. Architecture.

The following programme sets forth the studies required of those persons who are candidates for the degree of S. B. in Architecture. By anticipating any of these subjects at the admission examination or by passing in the equivalent course in the Summer School, students gain additional time to devote to the strictly professional studies. The programme is arranged to be completed in four years, but students are advised to take five years unless they enter the school very well prepared.

After 1897 candidates for admission to the School intending to pursue the course in Architecture will be required to pass in both the History of Greece and Rome and the History of the United States and England, and also in Freehand Drawing, in addition to the other requirements for admission. In Freehand Drawing ability to represent simple objects accurately by means of firm lines will be expected. Accuracy of delineation, correctness of proportion, and good quality of line are desired rather than any attempt at elaboration. The aim should be to express as much as possible in the fewest lines.

Students will receive credit for all advanced studies passed at the admission examination. It will be found advantageous to prepare in both French and German before entering.

Students who complete this programme and present a satisfactory thesis receive the degree of Bachelor of Science in Architecture.

FIRST YEAR. Architecture 1*a*; 2*a*. Fine Arts 1. Engineering 1*a*; 1*b*; 1*d*. English *A*. German *A* or French *A*.

SECOND YEAR. Architecture 3*a*; 1*b* or 1*c*†; 4*a*. Engineering 5*b*; 3*b*; 3*e*. English *BC*. German 1*c* or French 1*b*.

THIRD YEAR. Architecture 3*b*; 1*b* or 1*c*†; 4*b*; 5. Engineering 8*a*. Fine Arts 3 or 4†. Greek 10 or Latin 10†.

FOURTH YEAR. Architecture 3*c*; 4*c*; 6. Fine Arts 3 or 4†. Greek 10 or Latin 10†. Mineralogy and Petrography 3. Engineering 22. Thesis.

### 6. Chemistry.

This programme of study is intended for students preparing to become practical chemists or teachers of the science.

Candidates who wish to register in this Department must offer at their examination for admission Experimental Physics and Chemistry.

Students who complete this programme, pass the required examinations, and present a satisfactory thesis receive the degree of Bachelor of Science in Chemistry.

FIRST YEAR. Chemistry 1. Engineering 1*a*; 1*b*; 1*d*; 3*a*. English *A*. German *A* or French *A*.

SECOND YEAR. Chemistry 3; 4. Mineralogy and Petrography 2. Physics *C* or 1. English *BC*. French 1*b*.

THIRD YEAR. Chemistry 9; 10; 5; 8. Botany 1. Zoölogy 1. German 1*c*.

FOURTH YEAR. Chemistry 6; 20. Thesis.

### 7. Geology.

The studies composing this programme are designed to furnish a special training for students who wish to prepare themselves for duty in Government Geological Surveys or for teaching. They may, on special application to the Administrative Board of the School, be varied to meet the wants of individual students beyond the limits indicated in the programme. Those who make a good use of the opportunities afforded by the Summer Schools, held under the direction of the professors in the Department, may shorten the course of study to three years. All students are required to take two of the advanced courses in Geology during two of their summer vacations. Students who design entering the School in the autumn of

† Offered in alternate years.

any year are advised to take the Summer Course in Elementary Geology, which is regarded as the equivalent of Geology and Geography 4.

Students who complete this programme and pass the required examinations receive the degree of Bachelor of Science in Geology.

**FIRST YEAR.** Geology and Geography 4; 5; *A*; *B*. Physics 1. English *A*. German *A* or French *A*.

**SECOND YEAR.** Geology and Geography 8. Mineralogy and Petrography 2. Chemistry 1. Zoölogy 1. Botany 1. English *BC*. German *1c*.

**THIRD YEAR.** Geology and Geography 10; 14; 22*a*. Mineralogy and Petrography 12. Engineering 3*a*; 4*a*. English *C*.

**FOURTH YEAR.** Geology and Geography 15; 16; 22*b*; 20; 27. Mineralogy and Petrography 20. Thesis.

Professors SHALER, DAVIS and WOLFF, Asst. Professor SMYTH, and Messrs. WOODWORTH and JAGGAR will oversee and direct the work, in the field or library, of advanced special students in Geology.

### 8. Biology.

Students who complete this programme, pass the required examinations, and present a satisfactory thesis receive the degree of Bachelor of Science in Biology.

**FIRST YEAR.** Botany 1; 2. Zoölogy 1; 2. Geology and Geography 4. Physics *C* or 1. English *A*. German *A* or French *A*.

**SECOND YEAR.** Botany 3. Zoölogy 3. Geology and Geography *A*; *B*. Chemistry 1. English *BC*. German *1c*.

**THIRD YEAR.** Botany 4. Zoölogy 4; 5. Chemistry 3. Philosophy 1*a*. French 1*b*.

**FOURTH YEAR.** The student is required to pursue some original investigation under the direction of one of the instructors in the Department. During the first week of the year he must arrange with his special instructor the plan of study which he proposes. At the end of the year he must present a thesis, giving the results of his studies. The courses in which research can be conducted are Botany 20*a*; Botany 20*b*; Zoölogy 20*a*.

### 9. Anatomy, Physiology, and Hygiene.

The aims of this programme of study are as follows:—

1. To afford a suitable general training for young men who may desire afterwards to pursue the study of Medicine.
2. To educate youths who may need to take particular care of their bodily health, and therefore should have a knowledge of the subjects



taught in the course as well as a systematic training in the use of their bodies.

3. To prepare persons who, with or without a subsequent training in Medicine, may intend to seek employment as directors of gymnasiums or instructors in physical training.

Students who intend to enter the Medical School may take the prescribed First-Year's work of that school in satisfaction of the requirements of the Medical School year laid down in this schedule; they will thus be enabled to enter the Second-Year class at the Medical School and graduate from there in three years.

Students who complete this programme and pass the required examinations receive the degree of Bachelor of Science in Anatomy, Physiology, and Hygiene.

**FIRST YEAR.** Physics *B* (this course may be omitted by students who have passed in Experimental Physics at admission). Zoölogy 1; 2. Botany 2. Anatomy, Physiology, and Hygiene 1. Chemistry 1. English *A*. German *A* or French *A*. Gymnastics and Athletics.

**SECOND YEAR.** Zoölogy 3. Geology and Geography 4 and 5; or *A* and *B*. Physics *C* or 1. Chemistry 3. English *BC*.

**THIRD YEAR.** Philosophy 2. Anatomy, Physiology, and Hygiene 4; 5; 3; 6; 2. English *C*.

**FOURTH YEAR** (*at the Medical School*). Anatomy and Dissection; Physiology; Histology; Physiological Chemistry; Bacteriology.

### 10. Science for Teachers.

This programme is intended for men who wish to qualify themselves to teach science in secondary schools, or to become supervisors of science teaching in elementary schools. It prescribes courses in Mathematics, Physics, Chemistry, Botany, Zoölogy, Geology and Physical Geography, Psychology, the General Principles of Education, the History of Education, the Organization and Management of Schools and Classes, and Methods of teaching Science in Elementary and Secondary Schools, and offers a voluntary summer course in Physical Training. It also affords the student an opportunity through certain options to specialize as he proceeds through the course. Candidates for this course are required to present both Experimental Physics and Chemistry at the admission examination, and are strongly advised to offer both French and German.

The attention of graduates of normal schools who look forward to teaching science is especially called to this Department of Study.

Students who complete this programme and pass the required examinations receive the degree of Bachelor of Science in Science for Teachers.

**FIRST YEAR.** Engineering 1a; 1b; 1d. Physics C. Philosophy 1a. English A. German A or French A. Gymnastics and Athletics (voluntary).

**SECOND YEAR.** Philosophy 16. Chemistry 1. Zoölogy 1. Botany 1. Engineering 3a or Mathematics 5. English B or 22. French 1b or German 1c. Gymnastics and Athletics (voluntary). Summer Course in Physical Training (voluntary).

**THIRD YEAR.** Philosophy 18. Geology and Geography 4; 5; A and B, or Mineralogy and Petrography 2, or Chemistry 4. Botany 2 and Zoölogy 2, or Physics 1. Chemistry 3. English C. Gymnastics and Athletics (voluntary). Geology S2 (voluntary).

**FOURTH YEAR.** Philosophy 17 or 20g; 19a. Anatomy, Physiology, and Hygiene 1. Three additional courses chosen from the following and from the elective studies of the Third Year, not taken in that year: Philosophy 2; Botany 3; Zoölogy 3; Geology and Geography 20; 22a; Mathematics 5; C.

## 11. General Science.

This programme of study is intended for those who wish to lay a broad foundation for subsequent special work in science. In the Fourth Year the student pursuing this course must confine his attention to original research work or specialized work in some *one Department of Study*, and at the beginning of the Third Year he must select the Department to which he wishes to give special attention, and the courses which he elects in the Third and Fourth Years must have the approval of the committee in that Department.

Students who complete this programme and pass the required examinations receive the degree of Bachelor of Science.

**FIRST YEAR.** Engineering 1a; 1b; 1d. Fine Arts 1 or Engineering 3a. Chemistry 1. English A. German A or French A.

**SECOND YEAR.** Engineering 1c. Physics C or 1. Geology and Geography 4. English BC. German 1c.

**THIRD YEAR.** Chemistry 3. Zoölogy 1. Botany 1. French 1b. Military Science 1; 2. Two other courses to be selected by the student and approved by the committee in his special Department.

**FOURTH YEAR.** The student will pursue studies which meet the approval of the committee in his special Department.

## GRADES OF SCHOLARSHIP.

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The standing of every student in each of his courses is expressed, on the completion of the course, according to his proficiency, by one of five grades, designated respectively by the letters *A*, *B*, *C*, *D*, *E*.

Grade *E* in any course denotes failure to fulfil the requirements of the course.

At the close of each academic year, a list of the courses given in that year under the authority of the Faculty of Arts and Sciences, and of all students who have attained Grade *A* or Grade *B* in any of those courses, is printed; the names for each of the two grades being arranged, for each course, in alphabetical order. This list is sent to the father or guardian of every student in Harvard College or the Lawrence Scientific School and to every student in the Graduate School, and may be obtained by other persons, on application. The complete record of each student's work (including notice of failure in any course) is sent, at the same time, to his father or guardian, or (in the case of students in the Graduate School) to the student himself.

Every student is required to satisfy the instructor in each of his courses, in such way and at such times as the instructor may determine, that he is performing the work of the course in a systematic manner. The instructor will provide tests, with sufficient frequency to give effect to this regulation, and will at once report the names of any students who have not satisfied him that they are doing their work systematically to the Recorder.

Any instructor, with the approval of the Dean of Harvard College, may at any time exclude from his course a College student who in his judgment has neglected the work of the course. Such exclusion shall be reported to the Administrative Board of Harvard College at its next meeting. A student who has been excluded from any course may be required to place himself under the direction of a person approved by the Dean of Harvard College.

# HONORS.

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## SECOND-YEAR HONORS IN THE CLASSICS, IN HISTORY AND GOVERNMENT, AND IN MATHEMATICS.

Second-Year Honors of two grades — *Honors* and *Highest Honors* — are awarded by the Faculty of Arts and Sciences, on the recommendation of special committees of examiners; and the award is printed with the published list of meritorious students (see p. 420) and in the Annual Catalogue. These Honors are open to Sophomores, Juniors, and Seniors and to Special Students after the first year; they are open to Freshmen and to first-year Special Students by special permission only.

No one may be a candidate at graduation for Final Honors (see p. 422) in the Classics\* or Mathematics who has not taken Second-Year Honors in the same department; and no one may be a candidate for Honors in Sanskrit who has not taken Second-Year Honors in the Classics.

Candidates for Second-Year Honors are required to register their names at the Recorder's office as early as *the first day of April* of the year in which they present themselves for examination. Candidates for Second-Year Honors in the Classics will designate at the same time which elective courses they intend to offer in order to make up the number required.

### 1. The Classics.

Second-Year Honors in the *Classics* are awarded on two conditions:

- (1) distinguished excellence in classical studies amounting to *four courses*;
- (2) distinction in special examinations. The special examinations test:

(a) The candidate's ability to translate Greek and Latin at sight. (The passages set for this purpose are taken from the following writers only: Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Thucydides, Herodotus, Xenophon, Lysias, Plato, Demosthenes; Terence, Virgil, Horace, Ovid, Caesar, Cicero, Nepos, Sallust, Livy, Velleius Paternulus, Tacitus.)

(b) His ability to write Greek and Latin prose.

(c) His knowledge of Greek and Roman history, antiquities, and mythology; of Greek and Roman literary history, so far as it relates to the writers named above; and of Greek and Latin Grammar.

These special examinations begin on the first Saturday in May.

\* For an exception in the case of Classics, see page 423.

## 2. History and Government.

Second-Year Honors in *History and Government* are awarded on three conditions: (1) distinguished excellence in three and one half courses in History and Government, or in three such courses and one in Political Economy; (2) distinction in a special examination, which shall be a test of the candidate's general acquirements in History and Government; (3) the study of a special topic, upon which the candidate may be required to report in written form.

## 3. Mathematics.

Second-Year Honors in *Mathematics* are awarded on two conditions: (1) distinguished excellence in such mathematical courses as may be approved for candidates for these Honors; (2) distinction in a special examination, which may be extended to cover the whole mathematical knowledge of the candidate. The special examination is held near the end of the academic year.

The courses regularly approved for candidates for Second-Year Honors in Mathematics amount to four and a half courses for a student who has passed at admission on none of the advanced mathematical subjects. They are:—

Courses *A* and *E*, or the corresponding admission examinations; Course *D*; Course *C*; Course 2; and Course 3, Course 5, Course 6, or Courses 4 and 1<sup>1</sup>.

Substitutions for these courses may be allowed on special petition.

## HONORS AT GRADUATION (FINAL HONORS).

Honors of two grades — *Honors* and *Highest Honors* — are awarded by the Faculty of Arts and Sciences, with the degree \* of Bachelor or Master of Arts, or Bachelor of Science, or, in case of Special Students, with a Commencement certificate for great proficiency in any of the following subjects: Semitic Languages and History; Sanskrit; Classics; English; Germanic Languages and Literatures; Romance Languages and Literatures; Philosophy; Political Science; History and Government; Music; Mathematics; Physics; Chemistry; Geology. Provision will also be made for the benefit of any student who has fulfilled the preliminary requirements for Honors in Natural History, as stated in the Catalogue for 1896-97.

The qualifications required for Honors in the several subjects are stated below.

\* Honors will be given to Bachelors of Arts or Science not entitled to them at graduation who shall have complied with all the requirements for Honors within two years after graduation.

### 1. Semitic Languages and History.

The candidate must have taken the equivalent of five courses, and must also have performed such additional work as may be required of him.

### 2. Sanskrit.

The candidate must have received Second-Year Honors in the Classics, and must have taken two courses in Sanskrit, Pāli 4, and one of the following: a course in Comparative Philology; Philosophy 13; Pāli 5.

### 3. The Classics.

The candidate must have taken the equivalent of six courses. He may count among the six one course in Sanskrit. Of the following courses he may count only one: Greek 10, Latin 10, History 17, History 18. He must be able to read ordinary Greek and Latin at sight and to write Greek and Latin prose; and must have taken Second-Year Honors in Classics: but students admitted to College as Seniors, and students in their first year in the Graduate School who are candidates for the degree of A.M., may, on the recommendation of the Classical Department, upon evidence of good work done elsewhere, be admitted to candidacy without having taken Second-Year Honors, and may be excused from two of the six courses regularly required.

### 4. English.

The candidate must have taken elective work amounting to six courses, one of which must be a course in writing English. If he has not taken English 3<sup>1</sup>, he must give evidence of his ability to read ordinary Anglo-Saxon prose. An oral examination and a thesis are required.\*

Courses in Elocution and courses in Oral Discussion are not counted for Honors in English.

### 5. Germanic Languages and Literatures.

The candidate must have a knowledge of Greek at least equal to that required for passing the examination in Elementary Greek at admission, must show a reading knowledge of Latin, German, and French, and must present as his major subject either the English or the German language and literature, and as minor subjects that one of these two not chosen as his major subject and either Germanic Philology or Comparative Literature. In the minor subjects the requirements will include: for English, an outline knowledge of the history of the literature or of the history of the language, and a more detailed knowledge of some period of the literature; for German, a good knowledge of the classic period of modern German literature and ability to write in German a short theme on some subject connected with the works of German literature which the candi-

\* See p. 424, foot-note.

date has studied; for Germanic Philology, Gothic or Old High German or Icelandic; for Comparative Literature, an outline knowledge of mediaeval European literature. In the major subject the candidate must be able to write the language concerned with considerable readiness and correctness, and must have a somewhat detailed knowledge of the literature and of the history of the language, in such proportions as may be approved by the Division.

The candidate must present a thesis \* on a subject approved by the Division, and must pass an examination, orally and in writing, on the general field covered by his studies.

No student will receive Honors who fails to attain distinction in work amounting to five courses selected from the following list: German 2, 3, 4, *G*, 6 [the candidate shall not present more than the amount of two courses from among German 2, 3, 4, *G*, 6], 5, 8, 9, 10, 11; English 3<sup>1</sup>, 1, 2, 23, 11, 7, 8, 9, 13, 19, 16, 3<sup>2</sup>, 25, 4, 21, 26, 17, 14, 15, 24, 20, 20*a*; all courses in Germanic Philology; Comparative Literature 2, 21. The candidate's choice of courses must be presented for the approval of the Division of Modern Languages not later than October 23 in his final year of preparation.

In special cases the substitution of equivalents for a portion of the requirements indicated above may be allowed.

### 6. Romance Languages and Literatures.

The candidate must have a knowledge of Greek at least equal to that required for passing the examination in Elementary Greek at admission, must show a reading knowledge of Latin, French, and German, and must present as his major subject the French or the Italian or the Spanish language and literature, and as two minor subjects the other two of these; but either Romance Philology or Comparative Literature, or both, may be substituted as minor subjects. If French, Italian, or Spanish is a minor subject, the candidate must be able to use easily books written in the language concerned, must show a mastery of grammatical principles by writing in it, and must also have an outline knowledge of the history of the literature; if Romance Philology is chosen as a minor subject, he must have a knowledge of old French or Provençal; if Comparative Literature, he must have an outline knowledge of mediaeval European

\* The subject of the thesis, with the certified approval of an instructor, must be reported in writing at the Recorder's Office (No. 4, University Hall) not later than the first day of the second half-year. The thesis, which should not exceed 7,500 words in length, must be handed in at the same place on or before *May 20*. Both the report and the thesis should be plainly addressed "To the Chairman of the Division of Modern Languages."

These rules apply also to candidates for Honors in Romance Languages and Literatures, and to Candidates for Honors in English, except that the latter should address their reports and theses "To the Chairman of the Department of English."

literature. In the major subject the candidate must be able to write the language concerned with considerable readiness and correctness, and must have a somewhat detailed knowledge of the literature and an outline knowledge of the history of the language itself.

The candidate must present a thesis\* on a subject approved by the Division, and must pass an examination, orally and in writing, on the general field covered by his studies.

No student will receive Honors who fails to attain distinction in work amounting to five courses selected from the following list: French 5, 6c, 6, 13, 14, 7<sup>1</sup>, 7<sup>2</sup>, 8<sup>1</sup>, 8<sup>2</sup>, 9, 10, 11, 12, 15, 16, 20a, 20b, 20c; Italian 2, 3, 4; Spanish 2, 3; all courses in Romance Philology and in Comparative Literature. The candidate's choice of courses must be presented for the approval of the Division of Modern Languages not later than October 23 in his final year of preparation.

In special cases the substitution of equivalents for a portion of the work indicated above may be allowed.

When honors are awarded in either Germanic Languages and Literatures, or Romance Languages and Literatures, the major subject will be named in the diploma.

### 7. Philosophy.

1. The candidate must have passed with distinction in Course 1, in one Systematic Course, and in two other courses chosen from the advanced courses in Philosophy or from the Additional Courses of page 20 of the pamphlet of the Division of Philosophy; and he must have passed creditably in two courses selected from the list of Auxiliary Subjects (*ibid.*, p. 21).

2. He must pass a special examination in the outlines of the history of Modern Philosophy.

3. Either by special examination or by thesis, he must show a thorough acquaintance with the work of two philosophers, ancient or modern, whose lives are separated from one another by a considerable interval of time.

4. To prove his philosophic power, he must write at short notice a thesis on a topic drawn from that one of the Systematic Courses which he himself selects.

[Candidates who have studied at other colleges may present equivalents for half the courses here prescribed.]

### 8. History and Government.

The candidate must usually have taken Second-Year Honors in History and Government.

Not later than *October 10* of his final year of preparation, the candidate must present, for approval by the Division of History and Political

\* See p. 224, foot-note.



Science, a plan of study, which shall comprise at least five courses, not elementary, selected from those offered under History and Government. It is expected that one of these will generally be a Seminary course. Courses not elementary, presented for Second-Year Honors, may be included in the five courses required for Final Honors.

Besides this minimum requirement, the candidate may indicate in his plan of study any further historical work done or to be done by him, the character and range of which will then be an element in determining the award of Honors.

Such work may, with the approval of the Division Committee, include courses of study of an historical character offered by other departments of the University.

On or before May 15, the candidate must present a thesis, which may also be counted as a part of his work in one or more courses, and must pass an examination on the general field of his historical study.

#### 9. Political Science.

The candidate must present for approval by the Division of History and Political Science, not later than *October 10* of his final year of preparation, a plan of study which shall comprise not less than five courses, not elementary, selected from those offered under History and Government and Economics, including at least one course in Economics, one in History, and one in Government.

The candidate may also state in his plan of study further work in Political Science, which he desires to have considered in determining the award of Honors.

On or before May 15, the candidate must present a thesis, which may be counted as a part of his work in one or more courses, and must pass an examination on the general field of his studies in Political Science.

#### 10. Music.

The candidate must have taken five courses, and must have passed all the examinations with distinction; he must also present original compositions in strict and free form.

#### 11. Mathematics.

The candidate must have received Second-Year Honors in Mathematics, must have attained distinction in four advanced courses in addition to the courses counted for his Second-Year Honors, and must present a satisfactory thesis.

#### 12. Physics.

The candidate must have taken four courses in Physics above the grade of those intended primarily for undergraduates. He must present a satisfactory thesis, and pass an examination in General Physics.

### 13. Chemistry.

The candidate must have taken five courses besides Course 8. Course *B* cannot be counted. Of Courses 2<sup>1</sup> and 5 only one may be counted. Mineralogy 2, 7<sup>1</sup>, and 8<sup>2</sup> may be counted, but not both Chemistry 1 and Mineralogy 2. No student is accepted as a candidate for Honors unless he has passed in Courses 5 and 6; but both these courses need not be presented among the five courses required.

### 14. Geology.

The candidate must have taken six courses. Advanced work in the Summer School of Geology (Geology S3) may be counted toward Honors as equivalent to Geology 22. The Division of Geology includes Geology, Geography, Mineralogy, Petrography, Mining, and Metallurgy.

### General Regulations.

Every candidate for Honors must pass with distinction the regular examinations in the courses required of him; must pass, near the close of the Senior year, a special examination, conducted by a committee of the Faculty, to test the range and accuracy of his knowledge of the subject in which he offers himself for Honors; and must present such theses as may be called for.

Students who have failed to pass with distinction any of the examinations required for Honors may, with the consent of the Faculty, make up their deficiencies by passing such additional examinations as may be required of them; but no such permission is granted for failures occurring after the beginning of the Senior year. Grades attained in courses anticipated by examination are not counted towards Honors.

Every student who wishes to be regarded as a candidate for Honors at graduation must present a written application\* to the Dean of the College before *November 1* in his Senior year; but a candidate for Honors in Biology must give notice, as stated above, as early as *March 1* in his Sophomore or Junior year. No application is granted without the written recommendation of the instructors in the Department or Division concerned.

### HONORABLE MENTION AT GRADUATION.

Members of the graduating class of Harvard College and Special Students entitled to Commencement certificates, may receive Honorable Mention, in the Commencement programme and in the next Annual Catalogue, in one or more of the following studies: Semitic Languages; Sanskrit; Greek; Latin; English Literature; English Composition; German;

\* Blank forms of application may be obtained at the Recorder's Office.

French; Italian and Spanish; Romance Philology; Philosophy; History; Government; Economics; Fine Arts; Music; Mathematics; Engineering; Physics; Chemistry; Biology; Geology. The usual ground of Honorable Mention in any study will be the attainment of Grade *A* or *B* in elective work (not elementary) in that study, amounting to *three courses*. The Faculty, however, reserves the liberty of considering individual cases on their merits, and departing from the strict application of the foregoing rule. If a student earns Honorable Mention *twice* or more than twice in any study, the fact is stated.

The following special regulations have been adopted:—

*Greek.* The count must include Course 6 or Course 8. Of Greek 10 and History 17 only one may be counted. Courses *A, B, C, E,* and *F* cannot be counted.

*Latin.* Of Latin 10 and History 18 only one may be counted. Courses *A, B, C, D, E,* and *F* cannot be counted.

*English Composition.* English *C* may be substituted for one elective half-course; but no thesis substituted for a forensic will be counted for Honorable Mention unless approved by the Department of English.

*German.* Courses *B, C, 1a, 1b, 1c, E,* and *F* cannot be counted.

*French.* Courses *1b, 1c, 1a, 3,* and *4* cannot be counted.

*Italian and Spanish.* Neither Italian 1 nor Spanish 1 may be counted. Comparative Literature 2 may be counted for Honorable Mention in Italian and Spanish.

*Romance Philology.* Work in Comparative Literature to the amount of one course may be counted for Honorable Mention in Romance Philology.

*History.* Course 1 cannot be counted.

*Government.* Course 1 cannot be counted.

*Mathematics.* The count must include Course 5, 6, or 8. Courses *A, B, C, D, E,* and *F* cannot be counted.

*Engineering.* Courses *1a, 1c, 1d, 1f,* and *3a* cannot be counted.

*Physics.* Course *B* cannot be counted. Of Courses *C* and *1* only one may be counted.

*Chemistry.* Course *B* cannot be counted.

*Biology.* The count must include Botany 3 and Zoölogy 3.

*Geology.* The count must include Geology 8.

No course is counted for Honorable Mention in more than one department.

Grades attained in courses anticipated by examination are not counted for Honorable Mention.

## DEGREES IN ARTS, SCIENCE, AND PHILOSOPHY.

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All degrees bestowed by the University are awarded by vote of the President and Fellows of Harvard College, with the consent of the Board of Overseers, and are publicly conferred by the President on Commencement Day.

The ordinary degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Doctor of Philosophy, and Doctor of Science are awarded to students recommended for those degrees by the Faculty of Arts and Sciences.

The Statutes of the University require that no person shall be recommended for any of the ordinary degrees, except after thorough public examination, and a residence at the University for at least one year.

No year is counted to a student by the Faculty of Arts and Sciences as a full year of study towards a degree which is not devoted to studies approved by the Faculty, or under its authority, as suitable and sufficient to be so counted.

### CONDITIONS OF CANDIDACY.

In order to be recommended for the degree of Bachelor of Arts, a student, unless he be a member of the Graduate School, must have been registered in Harvard College, as a candidate for that degree, at least one academic year.

In order to be recommended for the degree of Bachelor of Science, a student must have been registered in the Lawrence Scientific School, as a candidate for that degree, at least one academic year.

Any Bachelor of Arts of Harvard University is qualified to become a candidate for the degree of Master of Arts or of Doctor of Philosophy; and any Bachelor of Science of Harvard University is qualified to become a candidate for the degree of Master of Science or Doctor of Science. But the requirements of residence and study for those degrees must also be fulfilled.

A student in the Graduate School, or intending to enter it, not a Bachelor of Arts of Harvard University, who wishes to become a candidate for the degree of Bachelor of Arts, Master of Arts, or Doctor of Philosophy must apply to the Committee on Admission from other Colleges to be accepted as qualified for candidacy, or to learn the conditions on which he may be so accepted. Application should be made by filling



out a blank which may be obtained at the office of the Dean of the Graduate School. It should be accompanied by catalogues or calendars of the colleges or other institutions of advanced grade at which the student has previously studied, which must be marked so as to show clearly his course of study there; and also by certificates of his scholarship at such institutions. The Committee will take into account, at their discretion, extra studies pursued by the applicant, studies pursued by him since graduation, teaching of advanced grade, and professional study. Early application to the Committee is recommended, in order that the student may have time to conform his plans of study to such conditions as the Committee may impose.

A student in the Graduate School, or intending to enter it, not a Bachelor of Science of Harvard University, who wishes to become a candidate for the degree of Master of Science or Doctor of Science must make an application in like manner to the Committee on Admission to the Lawrence Scientific School from other Scientific Schools, and must present similar evidence of study and scholarship.

Any student in the Graduate School, properly qualified for candidacy, who wishes to be registered as a candidate for a degree, must apply in writing, near the close of the academic year in which he desires to be a candidate, and not later than the *thirtieth day of April*, to the Administrative Board of the Graduate School, to be placed on the list of candidates for the desired degree. He must send in at the same time a precise statement of the field of study or courses of instruction on which he will be prepared to offer himself for examination; and he must also state, in case he is an applicant for the degree of Doctor of Philosophy or of Science, the title of his thesis. *No Graduate Student can present himself for examination for a degree until his application to be placed on the list of candidates has been granted by the Administrative Board of the Graduate School.* Students may ascertain at any time in the academic year, by application to the Administrative Board, whether their proposed courses and methods of study, if carried on for the required time, will be approved for the degrees sought.

#### DEGREE OF BACHELOR OF ARTS.

In order to be recommended for the degree of BACHELOR OF ARTS, a student in Harvard College must have passed in all prescribed studies and in the requisite number of elective courses. He must, moreover, have stood above Grade *D* in at least one half of all his College work, and in at least one half of the work of his Senior year.

The studies prescribed for the degree of Bachelor of Arts and the requisite number of elective studies are those which belong to the four College years (see pp. 407-409). But a student admitted to advanced standing must

complete the requirements of the remainder of his course, under such conditions as may be imposed at the time of his admission. All elective studies offered for the degree of Bachelor of Arts must be such as can be accepted for that degree under the terms of the Announcement of Courses of Instruction.

Any student who has not complied with the requirements for a degree before the end of his College course may be recommended for a degree in a subsequent year, when he has made up all deficiencies in his record.

A student in the Graduate School may attain the degree of Bachelor of Arts under such conditions as may be imposed in his case by the Committee on Admission from other Colleges. But, whatever estimate be placed by the Committee on a student's qualifications, no student can, under the Statutes, be a candidate for any degree on less than a full year of residence and study, or on less than a complete year's work. The courses offered for the degree must be such as would be approved for a Senior in Harvard College; and these courses must be attended, pursued, and passed, in a satisfactory manner.

#### Bachelor of Arts with Distinction.

The degree of Bachelor of Arts may be attained with Distinction, under the following rules; such distinction being awarded in *three grades*.

Any member of the graduating class of Harvard College who has attained Grade *C* or a higher grade in *eighteen* courses or their equivalent, or who has attained Grade *C* or a higher grade in as many courses as he is required to pursue for the degree, is recommended for a degree with distinction on the following conditions: —

If he has attained Grade *A* in *fifteen* courses or their equivalent, or has received Highest Final Honors in any Department, he is recommended for a degree *summa cum laude*;

If he has attained Grade *A* in *nine* courses or their equivalent, or Grade *A* or *B* in *fifteen* courses or their equivalent, or has received Final Honors in any Department, he is recommended for a degree *magna cum laude*;

If he has attained Grade *A* or *B* in *nine* courses or their equivalent, or has received Honorable Mention *twice*, he is recommended for a degree *cum laude*.

In the consideration of a student's claim to a degree with distinction, grades attained in courses taken by anticipation (see p. 279) are not counted.

The cases of members of the graduating class of very high scholarship who have not fulfilled the foregoing requirements are considered on their merits.

The reason for the grade of distinction in the degree is stated in the Diploma.

A Commencement Part is assigned to every student recommended for a degree with distinction: an Oration to a candidate for a degree *summa cum laude*, a Dissertation to a candidate for a degree *magna cum laude*, and a Disquisition to a candidate for a degree *cum laude*. The words *Oration*, *Dissertation*, and *Disquisition*, indicate merely the grade of distinction in the degree, and do not imply differences in the nature of the Commencement Parts.

### DEGREE OF BACHELOR OF SCIENCE.

The degree of BACHELOR OF SCIENCE is conferred upon any student who has fulfilled the requirements for that degree in any of the departments of study organized in the Lawrence Scientific School. These requirements are named with the programmes of study, pages 413-419.

The degree of Bachelor of Science may be obtained with **Distinction**; such distinction admitting three grades: *cum laude*, *magna cum laude*, and *summa cum laude*.

The grade of the degree and the course of study for which the degree is given are specified in the Diploma.

#### Graduation in Three Years.

If a student has anticipated studies amounting to a substantial portion of the work of the first year of the Scientific School and desires to fulfil the requirements for the degree in three years, he may apply to the Administrative Board of the School for leave so to do, specifying in his application the manner in which he proposes to arrange his studies for that purpose. The Administrative Board will decide on such applications according to the circumstances of each case.

### GRADUATION BOTH IN ARTS AND IN SCIENCE.

Students who wish to take the degree of Bachelor of Science in addition to the degree of Bachelor of Arts may register in the Lawrence Scientific School after their third year in Harvard College (or after the satisfactory completion of fourteen courses counting towards the degree of Bachelor of Arts). They may obtain the degree of Bachelor of Arts on the satisfactory completion of the required number of courses counting towards that degree, and the degree of Bachelor of Science after at least two years in the Scientific School, the last year to be devoted to work prescribed by the Administrative Board of the Scientific School.

It is desirable that students who contemplate taking their degrees in this way seek advice in the selection of their studies while registered in Harvard College, in order that they may enter the Scientific School fully prepared for the required work.

## DEGREE OF MASTER OF ARTS.

The ordinary requirement for the degree of MASTER OF ARTS for a Bachelor of Arts of Harvard University, or for any student who has been accepted, without special conditions, as qualified for candidacy for the degree on the ground of his previous studies, consists in *a full year of residence and study in the Graduate School, devoted to work approved by the Administrative Board of the School as affording suitable preparation for the degree, and completed with high credit.* Special conditions are, however, in some cases imposed on the admission to candidacy of a student who is not a Bachelor of Arts of Harvard University.

The work approved by the Administrative Board of the Graduate School for the degree of Master of Arts may consist, wholly or partly, of research or special study, either in connexion with or outside of the courses of instruction, carried on under the direction or with the criticism and approval of a specified instructor; or it may be made up of courses of instruction of advanced grade, four such courses being ordinarily required as constituting a full year's work. In any case, the programme of study must form *a consistent plan of work, to be pursued with some definite aim,* although it need not lie wholly in one department or field. A student engaged in research or in special study as the principal part of his work may, at the discretion of the Administrative Board of the Graduate School, be referred, as a candidate for the degree of Master of Arts, to the Committee on Honors and Higher Degrees in the Division in which such study lies.

Studies pursued in a Professional School, either by Graduate Students or by Professional Students, may be approved by the Administrative Board of the Graduate School as constituents of the scheme of study offered for the degree of Master of Arts; but only under the condition that the candidate is precluded from offering any of the same studies, at any time, for a professional degree. A student in a Professional School, not a Bachelor of Arts of Harvard University, who wishes to be a candidate for the degree of Master of Arts, must make application to the Committee on Admission from other Colleges, to be accepted as qualified for candidacy. The studies offered for the degree of Master of Arts must be approved by the Administrative Board of the Graduate School; and all applications for such approval must be made to the Board *on or before the thirtieth day of April.* It is advisable to apply to the Committee and Board early in the year.

All studies offered for the degree of Master of Arts are required to be of advanced grade.



**DEGREE OF MASTER OF SCIENCE.**

The degree of **MASTER OF SCIENCE** has been recently instituted. It is to be maintained for the promotion of advanced study in some special field of science. The requirements for this degree are not yet definitely fixed. For the present, students in the Graduate School who wish to offer themselves for the degree are advised to make application to the Dean of the Faculty of Arts and Sciences for information as to the terms on which they may become candidates.

**DEGREES OF****DOCTOR OF PHILOSOPHY AND DOCTOR OF SCIENCE.**

For the degree of **DOCTOR OF PHILOSOPHY**, not less than *two years*, — at least *one* of which must be spent in *residence at this University*, — devoted to advanced studies, approved as affording suitable preparation for the degree by the Committee on Honors and Higher Degrees in that Division of the Faculty in which the student is to be a candidate, are required of students already qualified for candidacy for the degree. The Faculty will, in estimating the amount of a candidate's study for the degree, give weight to advanced work done in the graduate department of another university.

For the degree of **DOCTOR OF SCIENCE**, *three years of scientific study*, approved as affording suitable preparation for the degree by the proper Divisional Committee on Honors and Higher Degrees, — at least *one* of these years being spent in *residence at this University*, — are required of students already qualified for candidacy for the degree. A student who holds the two degrees of Bachelor of Arts and Bachelor of Science from Harvard University is excused from one of the three years of study required for the degree of Doctor of Science.

The periods of residence and study named above for the degrees of Doctor of Philosophy and Doctor of Science must be regarded merely as *minimum* requirements. *The requirements of time for the degrees of Doctor of Philosophy and Science are wholly secondary.* These degrees do not rest on any computation of time, nor on any enumeration of courses; although no student can become a candidate for one of them until he has, in the judgment of the Administrative Board of the Graduate School, fulfilled the requirements of residence and study for the prescribed periods.

The degree of Doctor of Philosophy or of Science is given, not for the mere reason of faithful study for a prescribed time or in fulfillment of a determinate programme, and never for miscellaneous studies, but on the ground of long study and high attainment in a special branch of learning,

manifested not only by examinations, but by a thesis, which must be presented and accepted before the candidate is admitted to examination, and must show an original treatment of a fitting subject, or give evidence of independent research.

Any person on whom the University confers the degree of Doctor of Philosophy or Science is thereby recognized as qualified to give instruction to candidates for this degree in the Department in which he has taken the degree, and to advance knowledge in that Department by his own investigation.

A candidate for the degree of Doctor of Philosophy must offer himself for examination in some one of the Divisions of the Faculty of Arts and Sciences. The subjects in which the degree may be taken, as named in the Standing Votes of the Corporation and Overseers, establishing the degree, are: Philology, Philosophy, History, Political Science, Music, Mathematics, Physics (including Chemistry), Natural History, American Archaeology and Ethnology.

Within his chosen Division, the candidate must name some special field of study, approved as sufficient by the Committee on Honors and Higher Degrees in that Division. He is liable to minute examination on the whole of that special field; and is also required to prove such acquaintance with the subject-matter of his Division in general as the Committee in that Division shall require.

A candidate for the degree of Doctor of Science must offer himself for examination on two subjects, or fields of study, in the range of the mathematical, physical, and natural sciences. He must show special attainments in one of these subjects, and is liable to minute examination in the whole ground which it covers; and he is also required to have such general knowledge in the Division to which his special studies belong as the Committee on Honors and Higher Degrees in that Division shall require. His thesis must embody some contribution to science or some special investigation.

Any student who means to become a candidate for the degree of Doctor of Philosophy or of Science must carry on his studies with the approval and under the direction of the Committee on Honors and Higher Degrees in that Division of the Faculty of Arts and Sciences to which his special studies belong. He should give early written notice of his intention to be a candidate to the chairman of the committee; and he should consult the chairman, at suitable intervals, about his plans of study.

An applicant for the degree of Doctor of Philosophy or of Science must, on or before the *first day of May* of the year in which he expects to receive his degree, hand a fair copy of his thesis to the chairman of the Committee in his Division; and the chairman has power to reject a thesis not plainly written. No candidate is admitted to examination till his thesis has been approved by the Committee; and, on the approval of the

thesis, and as early as the *first day of June*, the thesis is deposited, with a certificate of approval signed by a special committee, at the office of the University for inspection by any member of the Faculty.

A successful candidate is allowed to print his thesis as one accepted for the degree, with the certificate of approval and the signatures of the approving committee; and either a printed or a written copy of the thesis and the original certificate must be deposited in the Library, and must be open to public inspection.

The branch of study in which the degree of Doctor of Philosophy or of Science is conferred is named in the Diploma and in the Quinquennial Catalogue of the University; and the special field of study and the title of the thesis are also named in the Commencement Programme and in the next following Annual Catalogue.

A student who has taken the degree of Master of Arts may count the study and residence, already offered for that degree, towards fulfilling the formal requirements for admission to candidacy for the degree of Doctor of Philosophy also; provided the committee in the proper Division approve such study and residence as suitable to be so counted.

## PRIZES.

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### DETURS.

EDWARD HOPKINS, born in 1600, was a successful London merchant who came to New England in 1637. He was several times Governor of Connecticut Colony; and on his return to England he was elected to Parliament and appointed Warden of the Fleet under Cromwell. His will expresses his desire "to give some encouragement in those foreign plantations, for the breeding up of hopeful youths, both at the grammar school and college, for the public service of the country in future times;" and his educational bequests to New England are of great importance. Part of the income of one of these bequests is used in the purchase of books called DETURS, for meritorious students in Harvard College of one year's standing. Seniors and Juniors may receive Deturs if, since the Freshman year, they have shown sufficient improvement in scholarship. The awards are usually made in December.

### THE BOWDOIN PRIZES.

JAMES BOWDOIN, born in 1726, was graduated at Harvard College in 1745. He was of Huguenot descent, and was a wealthy merchant of Boston. He entered public life in 1753; and soon became a conspicuous leader of the patriotic party in Massachusetts. He was a member from 1757 to 1774 of His Majesty's Council for the Province; and distinguished himself there as an active opponent of the Ministry. In 1775, on the outbreak of the Revolution, he was made President of the Council, under the circumstances of the time an important post, which he held for two years. He was President of the Convention which framed the Constitution of the Commonwealth, in 1779-80. He was Governor of Massachusetts from 1785 to 1787; and while holding that office, he rendered an important service to his state and country by suppressing the formidable insurrection known as "Shays' Rebellion." He was a member of the State Convention for the ratification of the Constitution of the United States, in 1788. From 1750 throughout his life, he was a valued correspondent of Benjamin Franklin, on scientific as well as political subjects. He was a Fellow of Harvard College from 1779 to 1785, being the first who was neither a tutor of the College nor a clergyman; and was President of the American Academy of Arts and Sciences, from its foundation in 1780 to his death in

1790. He was a Fellow of the Royal Society. He was made a Doctor of Laws of this University in 1783, and of the University of Edinburgh in 1785. Bowdoin College was named for him, and received a considerable gift from his son, James Bowdoin, of the Harvard Class of 1771, a Fellow of Harvard College from 1792 to 1799.

Governor Bowdoin's will bequeathed the sum of four hundred pounds to "the University at Cambridge," and directed the interest of this gift be "annually applied in the way of premiums for the advancement of useful and polite literature among the residents, as well graduates as undergraduates of the University; the premiums to be paid in such way and manner as shall be best adapted to excite a spirit of emulation among such residents. The performances entitled to such premiums to be read in public by their respective authors, who shall deliver a fair copy of the same, to be lodged in the library."

Nine prizes on the Bowdoin foundation are now offered by the Faculty of Arts and Sciences to students resident at the University; as follows:—

I. Seven prizes (not more than *one hundred dollars* nor less than *fifty dollars* each) for the best dissertations or compositions written by *students of more than one year's standing in any department of the University who have never received an academic degree*; such prizes being distributed as directed below among the following groups of subjects:—

A. Three prizes for dissertations on any of the following subjects:—

1. *Jonathan Edwards as a Philosopher.*
2. *The Psychology of Invention.*
3. *Christianity and the Roman Government.*
4. *The Conception of the "Economic Man."*
5. *The Cambridge Platonists.*
6. *The Contemporary National Movement in Bohemia.*
7. *The Future of Polynesia.*
8. *The Relation of Racine's Plays to the Contemporary Political and Religious History of France.*
9. *The Character and Genius of Tennyson.*
10. *Benjamin Jowett as Scholar and Teacher.*
11. *The Church Architecture of To-day.*

B. One prize for a dissertation on any of the following subjects:—

1. *The private character and public policy of Demosthenes.*
2. *The life and writings of Bacchylides.*
3. *The fortifications of ancient Athens.*
4. *Was the government of Athens in the middle of the fifth century B.C. really democratic?*
5. *Possible sources of Roman Satire in Greek mimes.*
6. *The character of the Emperor Claudius.*
7. *Fortune tellers and astrologers under the early Roman emperors.*
8. *The Germans in Latin literature.*

C. One prize for a composition in Greek or Latin, as follows:—

1. *An original essay in Greek of from 2000 to 2500 words on any subject chosen by the competitor.*
2. *An original essay in Latin of from 2000 to 2500 words on any subject chosen by the competitor.*

D. Two prizes for dissertations on any of the following subjects:—

1. *The relation of the mathematical theory of elasticity to the designing of engineering structures.*
2. *The electrical and ether theories of the Roentgen rays.*
3. *Analogies between the state of solution and the aeriform state.*
4. *Relations of vegetable parasites to their hosts.*
5. *The importance of biochemistry and its relations to morphology.*
6. *The line of mammalian descent.*
7. *A discussion of the evidences of level of sea or land along the Atlantic coast of North America since the beginning of the Cretaceous period.*

II. Two prizes (*one hundred dollars each*) for the best performances on any of the subjects named above, in classes A, B, C, and D, written by *graduates of any college who are resident at the University as students in the Graduate School, or by members of the Senior Class of 1897-98 in Harvard College.*

The general rules laid down on page 444 for the guidance of competitors must be accurately followed, in all the above groups.

No dissertation offered for a Bowdoin prize may contain more than ten thousand words.

The authors of successful dissertations are requested, in compliance with the donor's will, to read them in public at places and times to be designated by the Dean of the Faculty of Arts and Sciences.

### THE BOYLSTON PRIZES FOR ELOCUTION.

In 1817, WARD NICHOLAS BOYLSTON, of Boston, being as he declares, "actuated by a wish to promote the reputation of Harvard College, and more especially with a view to advance the objects for which the professorship of Rhetoric and Oratory was founded by my uncle, Nicholas Boylston, Esq.," made to the University the gift of one thousand dollars, which he invested in an annuity, the income to be applied to prizes for Elocution.

THE BOYLSTON PRIZES FOR ELOCUTION are awarded to Seniors and Juniors at a public competition on the second Thursday in May. The students speak, not their own compositions, but selections from English, Greek, or Latin authors; the proportion in English is to be at least two out of three. The selections must be approved by the Boylston Professor of Rhetoric and Oratory.

The competitors must enter their names with the Boylston Professor *before the last Thursday in April.* No application will be received after that time.

The Corporation, and gentlemen selected by the Corporation, will act as judges, and award the prizes as follows:—

Two First Prizes, of *sixty dollars* each; and three Second Prizes of *forty-five dollars* each. The First Prizes may be withheld if none of the competitors appear to deserve them.

At this exhibition, no prompting of the speakers will be allowed; and a failure of memory will exclude a competitor from consideration in the assignment of the prizes.

### THE DANTE PRIZE.

IN MEMORIAM CHARLES STERRETT LATHAM.

The prize offered for 1889-90 by the Dante Society was awarded to Mr. C. S. Latham, of the Class of 1884, A.B. 1888, for a translation of the Letters of Dante with a historical and critical comment. Mr. Latham died on July 21, 1890. He did not live to learn the award of the prize.

In accordance with the desire of his mother, the prize of one hundred dollars adjudged to him is now offered again to be competed for. The competition is open not only to the students in any department of Harvard University, and to Harvard graduates of not more than three years' standing, but also to students and graduates of similar standing of any college or university in the United States.

The annual prize of *one hundred dollars* offered by a member of the Dante Society for the best essay by a student in any department of the University, or by a graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante, is withdrawn for the present, but the offer will be renewed after the award of the Latham prize.

For the year 1897-98, the subjects proposed are as follows:—

1. *The philological value of Dante's observations on the dialects of Italy in the treatise De Vulgari Eloquentia.* 2. *Dante's obligations to the De Consolatione Philosophiae of Boethius.* 3. *The history of the speculations in regard to the personality of Beatrice from the Fourteenth Century to the present day.*

For the year 1898-99, the subjects proposed are as follows:—

1. *A translation of the Quaestio de Aqua et Terra, and a discussion of its authenticity.* 2. *The scientific attainments of Dante, measured and illustrated by those of Roger Bacon as shown in his Opus Majus (ed. Bridges, 1897).* 3. *A translation in verse of the Canzoni of the Convito.*

Essayists are at liberty to write on any one of the subjects which have been proposed for the seven years during which this prize has been offered.

The general rules laid down on page 444 for the guidance of competitors must be accurately followed.

The judges of the essays are a committee of the Dante Society. If the judges decide that no essay submitted to them deserves the full prize, they are at liberty to withhold the prize, or to award one or two prizes of fifty dollars, at their discretion.

#### THE SARGENT PRIZE.

This prize was first offered in 1886-87 by JOHN OSBORNE SARGENT, of New York, of the Class of 1830, and was endowed in his memory, in 1892, by his daughter, GEORGINA W. SARGENT. The prize is of *one hundred dollars*, and is offered for the best metrical translation of a lyric poem of Horace, to be selected each year by the Faculty of Arts and Sciences.

The selection for 1898 is the *twenty-ninth Ode of the third Book*.

Undergraduates of Harvard College and of Radcliffe College may compete for this prize. The prize may be withheld if no competitor appears to deserve it.

The general rules laid down on page 444 for the guidance of competitors must be accurately followed.

#### THE GEORGE B. SOHIER PRIZE.

This prize was founded by the late WALDO HIGGINSON, of Boston, of the Class of 1833, in memory of his brother-in-law, George Brimmer Sohier, of the Class of 1852. The endowment is for "one prize of *two hundred and fifty dollars* for the best thesis presented by a successful candidate for Honors in English or in Modern Literature. If no thesis is deemed worthy of a prize, no prize will be given." "The competitors may be either:— (1) undergraduates in Harvard College; (2) Harvard graduates who are resident at the University as students in the Graduate School; or (3) students in Radcliffe College."

#### THE SALES PRIZE.

A prize of *forty-five dollars* is offered to the "best scholar in Spanish," under the following clause from the will of FRANCIS SALES, A.M. 1835, Instructor in Spanish and French from 1816 to 1854:—

"It is my will that one thousand dollars shall constitute a fund, the income of which shall be annually given, either in money or a gold medal of equivalent value, to the best scholar in Spanish, who shall have



commenced the study of that language at Harvard College, and whose scholarship shall be determined by his proficiency in Spanish composition: the successful candidate to be selected by the President, the Professor of the French and Spanish languages, and the Instructor of Spanish for the time being."

The competition for this prize is limited to undergraduates of Harvard College and of the Lawrence Scientific School.

Notice of intention to compete for this prize must be sent to the *Recorder* on or before the *first day of May* 1898.

### PRIZES IN POLITICAL SCIENCE.

Three prizes are offered for subjects in various fields of Political Science. These are the TOPPAN, SUMNER, and BENNETT prizes.

The subjects for any of these three prizes may, within the limitations set down in the special announcement of each, be chosen by each competitor for himself, subject to the approval of the Committee on Prizes in Political Science. The proposed subject may be presented to the Committee at any time, and must be submitted not later than the *first day of March* of the year in which the essay is to be sent in. The general range of subjects suitable for essays will be found indicated below; and also a statement as to what persons are admitted to the competition.

No prize will be awarded to any essay that does not give such evidence of solid study, sound thought, and literary care as would, in the opinion of the judges, warrant its publication.

The general rules laid down on page 444 for the guidance of competitors must be accurately followed.

No essay offered for a prize in Political Science may contain more than one hundred thousand words.

### THE TOPPAN PRIZE.

An annual prize of *one hundred and fifty dollars*, the gift of ROBERT NOXON TOPPAN, of Cambridge, of the Class of 1858, is offered for the best essay (of sufficient merit) on a subject in Political Science.

The prize is open for competition to all students of the Graduate School or of any of the Professional Schools, who have received an academic degree, and to all graduates of Harvard College of not more than three years' standing.

The following subjects, upon which Toppan prizes have been taken, will serve to indicate the range of topics:—

1. *Protection to young industries in the United States.*
2. *Town and county government in the United States.*
3. *The foundation and*

*the prospects of the Dominion of Canada.* 4. *The original and derived features of the Constitution of the United States.* 5. *Parliamentary government in France since 1869.* 6. *The Liberty and Free Soil parties in the Northwest.*

### THE SUMNER PRIZE.

An annual prize of *one hundred dollars*, the gift of CHARLES SUMNER, of the Class of 1830, Senator from Massachusetts from 1851 to his death in 1874, is offered for the best dissertation on a subject connected with the topic of Universal Peace and the methods by which War may be permanently superseded. This prize is open to any student of the University in any of its departments. But students cannot hope to be successful who have not some knowledge of international law.

The following subjects, upon which Sumner prizes have been taken, will serve to indicate the range of topics:—

1. *The experience of the last half-century and the light it throws upon the possible general resort to arbitration as a substitute for war.*
2. *Great national armaments in time of peace; their causes, their continuance, the chances of their decline.*
3. *An historical sketch of the spread of the doctrine of the immunity of private property at sea, and a discussion of its tendency to promote peace.*
4. *The light which experience throws upon the resort to arbitration as a substitute for war.*
5. *The European Concert and the problem of universal peace.*

### THE BENNETT PRIZE.

An annual prize of *forty dollars*, from a fund established by JAMES GORDON BENNETT, of New York, is offered for the best essay in English prose on some subject of American governmental domestic or foreign policy of contemporaneous interest.

This prize is open only to members of the Senior Class of Harvard College and to Special Students in their third or fourth year who have taken courses in Political Science and English Literature.

The following are among the many subjects on which essays might be written:—

1. *The proper relations of the United States with Hawaii.*
2. *How should postmasters be selected?*
3. *The advantages and dangers to the United States of a powerful navy.*
4. *The effect of executive commissions on State government.*

### GENERAL RULES FOR THE GUIDANCE OF COMPETITORS FOR PRIZES.

The following rules must be carefully observed by competitors for the BOWDOIN, DANTE, SARGENT, TOPPAN, SUMNER, and BENNETT prizes.

Every dissertation or other composition offered for a prize must be neatly and legibly written or typewritten, upon letter-paper of good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that it may be bound up, if desired, without injury to the writing. The sheets must be securely stitched or riveted together; in such a manner that the manuscript can be easily opened and read.

The title-page of each manuscript must bear an assumed name, with a statement of the writer's academic standing:—that is, whether he is a graduate or an undergraduate; of what university, in cases where the competition is open to other than Harvard students and graduates; of what department of his university; and of what class;—and the writer must give in, with his manuscript, a sealed letter, containing his true name and superscribed with his assumed name.

Manuscripts must be delivered at the office of the *Recording Secretary*, No. 5, University Hall, Cambridge; where they will be receipted for.

The latest permissible date of delivery is as follows:—

For the Bowdoin prizes; Commencement 1898 for *Seniors of 1897-98*, and the *first day of November* 1898 for all other competitors.

For the Dante and Sargent prizes, and the prizes in Political Science; the *first day of May* 1898.

Any prize may be withheld, at the discretion of the judges, if no essay is found to deserve it.

A fair copy of every successful writing offered for a prize must be given to the College Library, immediately upon the award.

The University will not be responsible for the safe keeping of unsuccessful essays for more than three months after public notice of the award has been given. Writers are requested to apply, within that time, for the return of their manuscripts.

## FELLOWSHIPS AND SCHOLARSHIPS.

### FELLOWSHIPS.

The fellowships are appointments open to students in the Graduate School who are pursuing studies in a special department of learning and have evinced distinguished ability and attainment in those studies. Twenty-two endowed fellowships, having annual incomes which vary from three hundred to seven hundred and fifty dollars, have been awarded for the current academic year. The aggregate income of these fellowships is \$11,600. One special appointment has also been made, with an income derived from an unexpended balance of 1896-97. The John Harvard Fellowships, which are additional to the endowed fellowships, and of which the number is undetermined, are without stipend. Five John Harvard Fellowships have been awarded for the current academic year.

The Morgan Fellowships can be held only by resident Graduate Students. The other fellowships may be, and some of them usually are, given to persons who desire to pursue studies abroad as non-resident Graduate Students. Non-resident appointments are awarded only to persons who have been resident students in some department of the University. Thirteen resident and fifteen non-resident appointments have been made for the year 1897-98.

All appointments to fellowships are made for one year only. They may be awarded for a second or third year. The tenure of the fellowships has lately been restricted, however, in the greater number of cases, to two years. Most of the appointments are made by the President and Fellows of Harvard College, on nomination by the Faculty of Arts and Sciences. A few are in the hands of trustees, or require nomination or confirmation by specially designated persons.

For information relative to the manner and time of making application for a fellowship, and to the requirements imposed on holders of fellowships, and for other particulars concerning these appointments, reference should be made to pages 473-476.

The following is a list of fellowships for the current academic year, named in the order of their foundation:—

#### **The Harris Fellowship.**

This fellowship, the earliest established in the University, was founded in 1868 by WILLIAM MINOT, JR., of the Class of 1836, as executor of HENRY HARRIS of Boston. Its yearly income is now five hundred dollars.

The following is an extract from Mr. Minot's letter to the President and Fellows, dated November 4, 1868, communicating his intention to found this fellowship:—

“The late Henry Harris, Esquire, of Boston, being a bachelor, made the public his heir, and by his Will, gave his property to charitable and literary uses, most of which he himself designated, and with excellent judgment. He further directed that any surplus of his Estate should also be given to charitable and literary objects, to be selected by his Executor.

“In the hope, therefore, of securing time for study, with exemption from pecuniary anxiety, to a graduate of Cambridge, to be resident in the town or its vicinity, I propose to give to the University the sum of ten thousand dollars, to found a fellowship, the income to be applied to the use and support of a graduate of promise.

“I suggest the following conditions, subject to the wiser judgment of the Corporation; viz.:—That this income be given to some graduate of acknowledged excellence in one or more departments of literature or science (but not necessarily of the highest College rank) for one or more years; that the recipient satisfy the Corporation of his need of such aid, and his purpose to make the most of it; that residence at Cambridge be required, unless excused for substantial reasons, and that marriage be a disqualification; that studies for the profession of law, theology, or medicine be excluded from the studies of the recipient; and that the Corporation be authorized to make such other restrictions and conditions as in its judgment will best secure from the recipient his entire devotion to accurate scholarship or the higher branches of science.”

### The Rogers Fellowships.

These fellowships rest on a foundation of twenty thousand dollars, given to the University in 1869 by HENRY BROMFIELD ROGERS of Boston, of the Class of 1822. His letter to the President and Fellows, announcing his purpose to make this gift, signed “A Graduate of Harvard College,” is dated December 18th, 1868, and contains the following words:—

“I now offer to [the College] twenty thousand dollars, for the encouragement and attainment of a higher, broader, and more thorough scholarship than is required or expected of undergraduates, in all sound literature and learning, except science strictly so called. . . .

“1. I direct that the Corporation, from time to time, shall select from the Senior Class the member who from his natural gifts, attainments, and general character, intellectual and moral, they, after consultation with the Faculty of the College, shall deem best fitted to attain the object contemplated by this donation,—and shall offer to him from said income and profits an annual grant of money upon the following conditions, viz.:—

“ That he shall reside at Cambridge and shall faithfully devote his time and thoughts to the pursuit of such branches and courses of study as he, with the approbation of the Corporation, may select. That, whilst a recipient of this grant, he shall engage in no studies designed to prepare him for a special profession, nor in any other business or occupation, except that of a Proctor of the College, or an occasional examiner of some of the classes, at the request of the Corporation. That, from time to time, he shall be subject to be called upon to give such evidence of his fidelity and proficiency as the Corporation may require, and especially to write essays and dissertations upon such subjects, within the circle of his studies, as they shall designate, and these, when completed, shall be at their disposal.

“ 2. I direct that the grant shall be from year to year, and that the amount thereof, in the first instance, shall not exceed the sum of eight hundred dollars, but, nevertheless, that the Corporation shall have power to continue it from year to year at their discretion. . . .”

The above conditions were modified, in 1877, with the consent of the founder, so that the Corporation may, at their discretion, appoint graduates of longer standing, and may permit the incumbents to reside abroad for the purpose of study.

Until 1882, this foundation was anonymous, and was known as the Graduates' Scholarship.

In accordance with a provision of the gift, two fellowships have now been established on this foundation, each having an annual income of seven hundred and fifty dollars. One additional Rogers Fellowship has been awarded for the current academic year, its income being derived from the unexpended balance of income of a fellowship which became vacant, by resignation, in the course of the last year.

### **The Parker Fellowships.**

Four fellowships of the annual value of seven hundred dollars each are supported by the income of a bequest of fifty thousand dollars, made to the University by JOHN PARKER, JR., of Boston, and received in 1873.

Mr. Parker's will, which is dated 22 February 1841, directs that, at the discretion of the President and Fellows of Harvard College, the income of his bequest “ shall be applied to the following object and none other, viz: — To the instruction, education, and maintenance of one or more individuals, as they may successively arise, of eminent natural talents or genius for some one or more of the sciences taught in said College, and who shall have given early satisfactory evidence of a rare talent or special adaptation of mind to one or more of said sciences; and whose circumstances may require pecuniary aid; not meaning hereby to indicate the merely poor and necessitous, but intending any who, possessing a

genius of the above mentioned promise; shall not be in circumstances to command or obtain that high degree of education which it is the object of this fund to furnish.

“And I further declare my Will to be, that the said Corporation may apply to the use of the individual or individuals who may be selected under the preceding authority, as the person or persons to whom it shall be applicable, a part or the whole of the interest of said fund, for the education and maintenance of him or them, previously to his or their entrance into said College, or during his or their education therein or afterwards, at home or in foreign countries, for his or their most perfect education or attainment in the science or sciences for which he or they shall have given evidence of his or their genius or adaptation.

“In making the above bequest my design is to establish a fund for the highest possible education and advancement of one or more of those minds of great intellectual power, having a special adaptation to some particular science, which occasionally arise in society, and whose possessors, whether strictly poor or not, are not blessed with pecuniary means adequate to effecting the high state of improvement and advance in science for which they seem to be destined by nature; and therefore I am unwilling that the income of this fund should be applied to the use of any other.”

It is further provided that the interest of the fund shall be added to the principal, “except when such interest can be applied for the design and purpose” declared in the will.

These clauses are remarkable as containing a provision, made more than thirty years before the inception of the Graduate School, for enabling this University to encourage and support advanced special study, and to send some of its students abroad for the purposes of such study.

Appointments to the Parker Fellowships are made annually by the President and Fellows of Harvard College, ordinarily upon recommendation by the Faculty of Arts and Sciences; but the appointments so made must receive, under a provision of the founder's will, the approval of the Governor and Chief Justice of the Commonwealth of Massachusetts and the President of the American Academy of Arts and Sciences, or of two of them. This approval is required, “to the end that the income of this fund shall not hereafter be applied to any purpose of general education, but be strictly employed in the advancement of the individuals above indicated.”

The Parker Fellowships are open to graduates of Harvard College or of any other department of the University; and may be held for a term not exceeding three years in any case.

The holder of a Parker Fellowship must devote himself to some special course of study approved by the Faculty of Arts and Sciences; he is

restricted, during his tenure of the fellowship, from pursuing the usual studies preparatory to a profession (but not necessarily from higher professional studies), and from occupation in teaching or active business; he may be called upon from time to time to give satisfactory evidence of his fidelity and proficiency; and he is liable, under a provision of the will, to lose his appointment, by vote of the President and Fellows, whenever the evidence of his fidelity and proficiency shall be unsatisfactory to the Faculty of Arts and Sciences, or whenever he may become for any reason unfit, in the opinion of the President and Fellows, to hold a fellowship.

### The John Thornton Kirkland Fellowship.

JOHN THORNTON KIRKLAND was born at Herkimer, N. Y., 17 August 1770. He was graduated at Harvard College in the Class of 1789. He was Pastor of the New South Church, Boston, from 1794 to 1810. He received the degree of D.D. from the College of New Jersey in 1802; and that of LL.D. from Brown University, R. I., in 1810. He was President of Harvard University from 1810 to 1828. He died at Boston, 24 April 1840.

The Kirkland Fellowship was founded by GEORGE BANCROFT, of the Class of 1817, Ph.D. (Göttingen 1820), LL.D., D.C.L., L.H.D.; Secretary of the Navy, 1845; Minister to Great Britain, 1846-49; Minister to Prussia, 1867-68; Minister to Germany, 1871-74; historian of the United States. He was born at Worcester, Massachusetts, 3 October 1800, and died at Washington, D.C., 7 January 1891.

Mr. Bancroft announced his wish to establish a Scholarship in the following letter addressed to the President of the University:—

“AMERICAN LEGATION,  
“BERLIN, July 4th, 1871.

“SIR,—It has long been my wish to raise a memorial to one of your predecessors, JOHN THORNTON KIRKLAND, and to requite benefits received through him. During a long life in which I have had the opportunity of seeing many men in divers lands, famed for mind and accomplishments, I have seen few who were his equals, and no one who knew better than he how to deal with his fellow-men. His manners were marked by dignity and benignity; they invited confidence and repelled familiarity. A scholar and a man of the world, he was honored and beloved in every circle in Boston, and by all classes in the College. With severe reproofs of misconduct, he mingled so much humaneness and so easy and natural appeals to the better elements of character in those whom he was obliged to censure, that his reproof acted like a benediction, and they who received it left his presence abashed, penitent, grateful, and attached.



To those who shew aptness for literary pursuits, he was an unfailing friend, treating them with paternal regard while under his care, and watching their career in life with never ceasing interest. There was not in his nature a trace of anything that was mean or narrow. He was always and everywhere devoid of envy or discontent or repining; and was throughout large and liberal, and generous and genial in thought and life. All who knew him well regretted that he did not write more for the public, for it seemed to them that no one in America of his day understood English so well, and that no one had like him the intuitive knowledge of human passions and character. He was suited to any high public office; was ever the honored companion of statesmen, and fit to be the peer of the best of them; but he was satisfied with bringing the University over which he presided into a condition more worthy of the Arts and Sciences which it undertook to teach, and of the affection and benevolence of the community with which it had grown up and prospered. He opened the ways through which it has passed onward to its present eminent condition; and his noble influence still survives to assist you, Sir, in bringing time-honored Harvard still nearer to the excellence which the present age hopes for and expects.

“A little more than fifty-three years ago Edward Everett, then Eliot Professor of Greek Literature, in one of his letters to President Kirkland, developed the idea that it would be well to send some young graduate of Harvard to study for a while at a German university, with a view to his being called to a place on the College Board. The President approved the suggestion, and his choice for this travelling scholarship fell upon me. Accordingly, in the early summer of 1818, being then in my eighteenth year, I proceeded to Göttingen. After remaining more than three years in Europe, I returned to Cambridge, where I held the office of tutor for one year. There being no opening for a permanent connection with the University, I devoted a few years to an attempt to introduce among us some parts of the German system of education, so as to divide more exactly preliminary studies from the higher scientific courses; and thus facilitate the transformation of our Colleges into Universities after the plan everywhere adopted in Germany. But it is not easy to change an organization that has its roots in the habits of the country; and the experiment could not succeed, for it was impossible to introduce the German usage which permits students to pass freely from a private place of instruction to a public one without the exaction of payments for instruction elsewhere received.

“I then applied through the late Judge Charles Jackson, a member of the Corporation and a friend of mine, for leave to read lectures on History in the University. At Göttingen or at Berlin, I had the right, after a few preliminary formalities, to deliver such a course. It was the

only time in my life that I applied for an office for myself, and this time it was not so much an office, as a permission, that I desired. My request was declined by my own Alma Mater; so that I had not the opportunity of manifesting my affection for her by personal services; and my life has had, in consequence, unexpected variety and independence.

"But wherever my lot has been thrown, I have always preserved in freshness and strength the love which I bore to Harvard College in my youth; and now, in my old age, I still gladly seek an opportunity of proving that attachment.

"I wish therefore to found a Scholarship on the idea of President Kirkland, that the incumbent should have leave to repair to a foreign country for instruction. Merit must be the condition of the election to the Scholarship; no one is to be selected who has not uncommon ability and uncommon disposition to learn. Of course the choice should fall on some one who needs the subsidy.

"You, Sir, as the successor of Dr. Kirkland, may know the funds out of which came the modest but sufficient stipend which I received; and if so, I leave it to you and the Corporation to impose any limitations that you may think right. Otherwise, residence at the University, but not for more than three years, may be required. But the residence should have reference to any of the Schools of Divinity, Law, or Medicine, or of Mines, or Science, or to any other school that is or may be founded, not less than to the classes of the Undergraduates. I think, in an exceptional case, there should be authority to name the scholar from any place, without any previous residence at Cambridge; and if you and the Corporation approve, I wish it to be so established.

"The Scholarship should be held by no one for more than three years, and during that time should be renewed from year to year; but only on evidence that the scholar is fulfilling the purpose of the endowment. I leave to you and to the Corporation to circumscribe, if from the considerations already referred to, you think best, the objects of study to which the incumbent should devote himself. But, for my own part, I am willing the Scholarship should be given to any young person likely to distinguish himself in either of the learned professions, or in any branch of Science, or in Architecture, Sculpture, Painting, Music, or Letters.

"I wish the Scholarship to bear the name of JOHN THORNTON KIRKLAND.

"The incumbents of the Scholarship may perhaps be afterwards drawn into the corps of professors at the University; should they render no such service, and should they be prospered in life, I wish each of them so prospered to be reminded, and, excepting always those permanently connected with the University as instructors and those whose moderate wants press

upon their means, I thus in advance charge them, to imitate my example in rendering aid through Harvard College to the cause of arts and letters, of science and learning."

The endowment of the Kirkland Fellowship, amounting to about eleven thousand dollars, was completed in 1873. The yearly income is at present five hundred and fifty dollars. The fellowship is administered in accordance with the directions of its founder. The incumbent must, as a rule, have resided three years at the University as a member of the College or of any of the Schools. He may be a student in any of the branches of study enumerated by the founder. He has "leave to repair to a foreign country for instruction."

#### The James Walker Fellowship.

JAMES WALKER was born at Burlington, Massachusetts, 16 August 1794. He was graduated at Harvard College in 1814. He was Pastor of the Harvard Church, Charlestown, from 1818 to 1839. He received the degree of D.D. from this University in 1835; and that of LL.D. from Yale in 1853, and from Harvard in 1860. He was Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity, at this University, from 1838 to 1853; a Fellow of Harvard College, from 1834 to 1853; and President of the University, from 1853 to 1860. He died at Cambridge, 23 December 1874.

A memorial to President Walker was established at the University, in 1881, by his pupils and friends. This memorial consists of a Mural Tablet, supporting a bust, erected at Memorial Hall, and of a Fellowship, called by his name, having an endowment of ten thousand dollars. The income of the Walker Fellowship, which is now five hundred dollars, is to be "assigned from time to time by the President and Fellows to a graduate of the University prosecuting his studies at Cambridge or elsewhere, as they may approve, preference being given to a student of ethics and metaphysics and those related branches of knowledge to which Dr. Walker chiefly devoted his life."

#### The Morgan Fellowships.

By the will of HENRY T. MORGAN, of New York, dated 13 November 1880, a portion of his estate was given, in four equal shares, to the Presidents, Fellows, and Trustees of Yale, Harvard, Williams, and Amherst Colleges; "to be applied, disposed of, and expended by the said Presidents, Fellows, and Trustees, respectively, of said Colleges for the benefit of said respective Colleges, in such manner as their good judgment shall suggest; my own preference being to aid poor young men in securing an education in any of the departments of the Colleges; but I do not desire

nor intend by this expression of my preference to impose any restriction upon said Presidents, Fellows, and Trustees, in the exercise of their discretion in the disposition thereof." The share accruing to this University under the above-cited will amounted to nearly eighty-two thousand dollars, and was paid over by the executors at different dates, from 23 December 1883 to 23 December 1885, a small balance being paid at a later date.

In the year 1883-84, the President and Fellows of Harvard College announced their purpose to devote a portion of the income derived from the Morgan Fund, from the beginning of the following academic year, to the maintenance of fellowships for the benefit of resident students in the Graduate School. The number and income of the Morgan Fellowships have been subject to some variation. For the year 1897-98, there are four with an annual income of five hundred dollars each.

These fellowships are assigned to persons undertaking advanced studies in the departments in which the degrees of Doctor of Philosophy and Doctor of Science are given. An applicant need not have received, or be a candidate for, any academic degree, but must exhibit proof of such previous training, attainments, and capacity, as promise special fitness for the work which he undertakes. The holder of a Morgan Fellowship is required to carry on his studies subject to the approval and under the supervision of the Standing Committee in the Division or Department in which his studies lie, to reside at the University through the academic year, and to engage in no other occupation, except such public instruction as may have been approved by the Faculty of Arts and Sciences. The term of appointment to a Morgan Fellowship is one year, but the holder is eligible for appointment for a second term.

The appointments are made annually by the President and Fellows on recommendation by the Faculty of Arts and Sciences.

#### **The John Tyndall Scholarship.**

This foundation, which is classed as a fellowship, and has an annual income of five hundred dollars, was established in 1885 by Professor JOHN TYNDALL, of London, who gave to the President and Fellows of Harvard College the sum of ten thousand eight hundred dollars, with directions "to apply the whole net income thereof in supporting or assisting to support one or more American pupils who may have shown decided talents in Physics, and preferably such as shall express the determination to devote their lives to the advancement of theoretic science and original investigation in that department of learning.

"Each person so assisted shall be either a graduate or a student in some department of Harvard University, but not necessarily a candidate for a degree.

“His studies and researches may be conducted at such places in America or at such European Universities as may be considered most desirable, and shall be approved by the Academic Council of Harvard University.

“Such assistance may be continued to the same student from year to year so long as he may be recommended by the Academic Council; but the appointment must be renewed annually, and only upon satisfactory evidence that the incumbent is fulfilling the purpose of the endowment. The student should be required from time to time to furnish evidence of his fidelity, proficiency, and good character.

“If in the course of any year no student of sufficient ability and promise shall require aid from said fund, or for any reason the whole income of said fund shall not be expended, the surplus may either be added to the principal or may be expended in addition to the income of a subsequent year or years.

“The President and Fellows are authorized at their discretion to impose such conditions and make such requirements upon the recipient of aid from said fund as will best secure his faithful devotion to the purposes of this foundation.”

The powers here assigned to the Academic Council are now exercised by the Faculty of Arts and Sciences.

#### **The Robert Treat Paine Fellowship of Social Science.**

This fellowship, established in 1887, has an endowment of ten thousand dollars, the gift of ROBERT TREAT PAINE, of Boston, of the Class of 1855.

The annual income is five hundred dollars, and may be awarded “to one or more graduates of any department of the University, wishing to study either at home or abroad the ethical problems of society, and the efforts of legislation, governmental administration, and private philanthropy to ameliorate the lot of the masses of mankind.

“Appointments shall be made for the term of one year only, but may be renewed at the discretion of the President and Fellows.”

#### **The Memorial Fellowships.**

In April, 1889, WILLIAM STORY BULLARD, of Boston, gave to the University the sum of thirty thousand dollars for the purpose of founding three fellowships of equal value “in grateful and affectionate remembrance of three friends.” These fellowships are as follows:—

**THE HENRY LEE MEMORIAL FELLOWSHIP;** for the study of Political Economy. This fellowship is instituted in memory of HENRY LEE, of Boston, born 4 February 1782, died 6 February 1867.

**THE OZIAS GOODWIN MEMORIAL FELLOWSHIP;** for the study of Constitutional or International Law. This fellowship is instituted in memory of OZIAS GOODWIN, of Boston, born 4 March 1794, died 20 September 1862.

**THE HENRY BROMFIELD ROGERS MEMORIAL FELLOWSHIP;** for the study of Ethics in its relations to Jurisprudence or to Sociology. This fellowship is instituted in memory of HENRY BROMFIELD ROGERS, of Boston, of the Class of 1822.

The Memorial Fellowships may, at the discretion of the Faculty of Arts and Sciences, be held by graduates either of this University or of others, and either by resident students at this University or by persons studying abroad. The yearly income of each of these fellowships is at present four hundred and fifty dollars.

Mr. Bullard directed that "should there, for any year, be no appointment to these fellowships, or to any one of them, the income may be added to the principal, or, at the discretion of the President and Fellows, may be applied in any way that may be, in their opinion, for the best interests of the Students and University."

#### **The Hemenway Fellowship.**

In June, 1891, Mrs. MARY HEMENWAY, of Boston, gave to the Trustees of the Peabody Museum of American Archaeology and Ethnology the sum of ten thousand dollars, for the purpose of establishing the Hemenway Fellowship of American Archaeology and Ethnology, under the following conditions:—

"The Fellowship shall be assigned annually by the Trustees to some student of Harvard University who shall pursue the study of American Archaeology and Ethnology. The Trustees are authorized to impose such conditions and make such requirements upon the Hemenway Fellow, thus appointed, as will best secure his devotion to the purposes of this foundation, and they may require him to render such assistance to the Peabody Professor of Archaeology or the Curator of the Peabody Museum as they think fitting."

The fund on which this fellowship rests is now vested in the President and Fellows of Harvard College. The Faculty of the Peabody Museum annually nominate for the fellowship a student in the Graduate School.

The present income of the Hemenway Fellowship is five hundred dollars.

#### **The John Harvard Fellowships.**

These fellowships were established in 1895 by the President and Fellows of Harvard College, in accordance with a recommendation of the Faculty of Arts and Sciences. They are without stipend; but are

given on the same grounds of high scholarship and promise, and under the same conditions as to study and report, as the fellowships carrying income. They may be given either to resident or non-resident students. No applications are received for them, but candidates are selected on the nomination of the several Divisions and Departments. The fellowships of this class are undetermined in number. Five John Harvard Fellowships have been awarded for the current academic year, to pursue respectively the studies of Classical Philology, Classical Archaeology, Economics, Mathematics, and Chemistry. Four of these fellowships are held by non-resident students, and one by a resident student.

#### The Whiting Fellowships.

HAROLD WHITING, of the Class of 1877, Master of Arts of 1878, and Doctor of Philosophy of 1884, Instructor in Physics from 1883 to 1891, and afterwards Associate Professor of Physics in the University of California, was lost, 27 May 1895, in the wreck of the steamer Colima in the Pacific Ocean. His wife and his four children perished with him. His will, dated 30 July 1894, bequeathed twenty thousand dollars to the President and Fellows of Harvard College, in the event of the death of himself and his wife, with no living issue, "for the purpose of establishing and maintaining from the net income thereof one or more fellowships in Physics, in connexion with the Graduate Department of the University, to be called, in memory of my late father, WILLIAM WHITING, the Whiting Fellowships."

The Corporation have established accordingly on this foundation three fellowships, having an annual income of three hundred dollars each, to be given to students of Physics in the Graduate School.

#### The Ricardo Fellowship.

This fellowship, newly instituted for the study of "Some Phase or Phases of the Relations of the Public to Public Service Corporations, including the questions of Governmental and Municipal Ownership and Management," will be awarded for the year 1898-99, with an income of three hundred and fifty dollars.

The incumbent will be selected from among candidates who shall hand in essays on the subject whereof the study is to be promoted by the fellowship. Competition is open to all candidates for the degree of A.B. in Harvard University in the year 1898, and to members of the Graduate School and of the Law School; and, by the terms of the gift, the award is to be made solely with regard to promise and capacity as evidenced by the essays and the general records of candidates, and *without regard to their pecuniary means*. The holder of the fellowship will be under obligation

to continue the study of the subject at Harvard University in 1898-99, with a view to the eventual publication of some results of his investigations.

The award and administration of the fellowship will be in charge of the Department of Economics. The essays of candidates must be handed in not later than *1 September 1898*, and the award will be made not later than *20 September 1898*. The essays may be historical, theoretical, or descriptive; they may refer to one industry alone, or to general questions arising in connexion with several industries; they may refer to one country or place, or discuss and compare the experience or the problems of several countries.

It is not expected that they shall be monographic in character, or involve an elaborate inquiry into the subject in hand; but rather that they shall give evidence of ability to state clearly the result of careful thought. They should contain not less than 5000 words, and are not expected to contain more than 10,000. While the merit of the essays will be an important element in the award of the fellowship, regard will in every case be also paid to the previous course of study and to the candidate's success therein.

Essays must be addressed to the Department of Economics, in care of the Corresponding Secretary of Harvard University, Cambridge, Mass., and must reach the Secretary's office not later than *1 September 1898*. Each essay must be neatly written or type-written, and must bear an assumed name. Under the same cover, a sealed envelope must be handed in, containing a memorandum of the writer's name, his address for the time being, his standing in the University, and the previous course of his studies.

#### **SUPPLEMENTARY FOUNDATIONS.**

Besides the fellowships and scholarships which are regularly open to Graduate Students, the following foundations for the encouragement of special study are, or may be, available for their benefit:—

#### **The Humboldt Fund.**

This fund, now amounting to about nine thousand dollars, was founded by subscription in 1870 at the instance of Professor LOUIS AGASSIZ, for the encouragement of the study of Zoölogy. The income is applied, with the advice of the Faculty of the Museum of Comparative Zoölogy, towards the maintenance of one or more persons engaged in study at the Museum or the Wood's Holl Fish Commission Station or elsewhere.



### The Thaw Fellowship Fund.

This fund was given to the Trustees of the Peabody Museum of American Archaeology and Ethnology in October 1890, by Mrs. MARY COPLEY THAW, of Pittsburg, Pennsylvania, in memory of her husband, the late WILLIAM THAW. It is now vested in the President and Fellows of Harvard College. Its income is to be devoted to the promotion of "work and research relating to the Indian race of America, or other ethnological and archaeological investigations"; and is to be devoted, for a series of years, "to aid and further the philanthropic and scientific work" of a person named by the founder, — a work carried on "as well for the advancement of the Indians as for the enlightenment of the American people." The present annual income of this fund is one thousand and fifty dollars.

This fund may, at a future time, become available for students in the Graduate School, engaged in studies in American Archaeology and Ethnology.

### SCHOLARSHIPS.

The number of scholarships having stipends which are this year available for students under the charge of the Faculty of Arts and Sciences is two hundred and three. Of these, one hundred and twenty are awarded to undergraduates of Harvard College; two to Special Students in Harvard College; twenty-eight, to students in the Lawrence Scientific School; and fifty-three, to students in the Graduate School. The aggregate income of these scholarships is \$43,475; which includes \$6,450, granted by the University itself, under the names of University and Normal School Scholarships. Besides the scholarships above enumerated, seventeen John Harvard Scholarships, which are appointments without stipend, have been given this year to students of distinguished merit in Harvard College.

The scholarships are restricted, with a few exceptions, to resident students. Directions for making application for a scholarship, and information as to the principles which regulate the assignment of scholarships will be found on pages 473-475. Appointments are made by the President and Fellows of Harvard College, on nomination by the Faculty of Arts and Sciences, except in cases where a different mode of appointment or nomination is indicated in the subjoined list.

An alphabetical list of the scholarships which are open, or destined to be open, to students under the charge of the Faculty of Arts and Sciences is presented below. It includes a few scholarships, not counted in the above enumeration, which are not yet available or are temporarily in abeyance. The letters (H. C.) in this list designate those scholarships

which are assignable to students in Harvard College; (L. S. S.), those which are assignable to students in the Lawrence Scientific School; and (G. S.), those which are assignable to students in the Graduate School.

**THE ABBOT SCHOLARSHIP (H. C.)**; with an income of one hundred and fifty dollars. A fund of two thousand dollars, contributed by persons educated at Phillips Exeter Academy, was established in 1852 in memory of Dr. Benjamin Abbot, formerly Principal of that Academy. The income of this fund is payable to such needy undergraduate as may be selected by the Faculty for scholarship and good character; descendants and other relations of Dr. Abbot and the best scholars from said Academy to be preferred in the order named.

**THE ALFORD SCHOLARSHIP.** A bequest of one hundred and thirty-three pounds, six shillings, and eight pence, from Mrs. JOANNA ALFORD, of Charlestown, was received in 1785, the income of which is to be appropriated to the education of students in indigent circumstances. This fund is to accumulate for the present; and the scholarship is therefore not now available.

**THE BARTLETT SCHOLARSHIP (H. C.)**; with an income of two hundred and fifty dollars. A bequest of five thousand dollars from Dr. HENRY BARTLETT, of Roxbury, of the Class of 1820, was received in 1881, "to found or establish a scholarship, the income only to be used in aid of meritorious undergraduates who may require such assistance."

**THE BASSETT SCHOLARSHIPS (H. C.)**; three, with an income of ninety dollars each. A bequest of five thousand dollars, from FRANCIS BASSETT, of Dennis, of the Class of 1810, was received in 1876, the income of which is payable equally to three undergraduates, one of the Sophomore, one of the Junior, and one of the Senior Class, to be selected by the Faculty, and to stand above the medium rank in their respective Classes.

**THE BIGELOW SCHOLARSHIPS (H. C.)**; two, with an income of two hundred and fifty dollars each. A bequest of ten thousand dollars from TYLER BIGELOW, of Watertown, of the Class of 1801, was received in 1865, the income thereof to be given to indigent undergraduates selected by the Corporation with reference to habits of industry and earnest effort, and without regard exclusively to rank

**THE BORDEN SCHOLARSHIP.** Founded in 1896, from a bequest made by SAMUEL AUGUSTUS BORDEN. Not yet available.

**THE BOWDITCH SCHOLARSHIPS (H. C.)**; twenty, with an income of two hundred and fifty dollars each. Founded in 1860 by NATHANIEL INGERSOLL BOWDITCH, of Boston, of the Class of 1822, and to be distributed by the President equally among the several Classes to poor and deserving students according to their rank or self-improvement. The sum of seventy



thousand dollars in United States bonds was received in 1864 as the principal of this fund.

**THE BRIGHT SCHOLARSHIPS (H. C.)**; five, with an income of two hundred dollars each. Established in 1880 under the will of **JONATHAN BROWN BRIGHT**, of Waltham, with one half the income of the Bright legacy of fifty thousand dollars. Descendants of Henry Bright, Jr., of Watertown, Mass. (died 1686), who may be students in any department of Harvard University, are entitled to enjoy these scholarships; such descendants failing, the scholarships are to be applied "to the maintenance and support of any meritorious undergraduate or undergraduates of the said College whose circumstances may require pecuniary aid."

**THE BROWNE SCHOLARSHIP (H. C.)**; with an income of one hundred and fifty dollars. Founded by **WILLIAM BROWNE**, of Salem, and his descendants. In 1687, **WILLIAM BROWNE, 1ST.**, bequeathed to the College one hundred pounds, "to be improved for the bringing up of poor scholars." In 1708, **BENJAMIN BROWNE** bequeathed two hundred pounds for the same purpose, giving the preference to Salem scholars. In 1716, Major **WILLIAM BROWNE, 2D.**, brother to Benjamin, bequeathed one hundred pounds, the income to be used to help support his descendants while students at the College; if none there, then to help maintain poor scholars from Salem. In 1720, Colonel **SAMUEL BROWNE** gave one hundred and fifty pounds for the same purpose; and added to this gift by his will, in 1731, his estate in Hopkinton, the income therefrom to be used for bringing up poor scholars, those recommended by his posterity to be preferred.

**THE BURR SCHOLARSHIPS (H. C.)**; six, with an income of two hundred dollars each. Established in 1895 from the residuary bequest of **Mrs. SOPHIA GAGE BURR**, of Westchester, Pennsylvania, widow of **Rush-ton Dashwood Burr**, a graduate of the Divinity School of 1852, who died in 1893. The income of this bequest is to be applied "to the maintenance of scholarships in the said College to be called the 'Burr Scholarships,' the sum to be applied annually to each scholarship not to exceed two hundred dollars."

**THE RULUFF STERLING CHOATE SCHOLARSHIP (H. C.)**; with an income of three hundred dollars. Founded in 1884 by **JOSEPH HODGES CHOATE**, of New York, of the Class of 1852, with a principal of six thousand dollars. The income is to be paid to "some meritorious student in the undergraduate department of the University who shall require the same."

**THE SCHOLARSHIP OF THE CLASS OF 1802 (H. C.)**; with an income of three hundred dollars. The **CLASS** fund of six thousand dollars was received by the College in 1870. The income of the fund is to be "applied to the aid of such needy descendants of the members of the said Class as may be students at said College, and of other needy and meritorious students."

THE SCHOLARSHIP OF THE CLASS OF 1814 (H. C.); with an income of one hundred and twenty-five dollars. In 1853 this CLASS raised by subscription a fund of two thousand three hundred dollars, the income of which is to be paid to "some meritorious student who is an undergraduate of the College holding a respectable rank as a scholar, preference to be given to descendants of members of said Class."

THE SCHOLARSHIP OF THE CLASS OF 1817 (H. C.); with an income of one hundred and fifty dollars. Founded from gifts amounting to two thousand and sixty-five dollars, received from the CLASS, between 1852 and 1866. The income is to be awarded to some meritorious undergraduate of respectable standing as a scholar, but without special reference to academic rank; and descendants of members of the Class are to have the preference as applicants.

THE SCHOLARSHIP OF THE CLASS OF 1828 (H. C.); with an income of one hundred and fifty dollars. The CLASS fund of twelve hundred and ninety-four dollars was received by the College in 1882, and eleven hundred and ninety dollars and forty-three cents additional in 1889. The income of the fund is to be expended in aid of one or more poor and honest hard-working students connected with the College in any way, but under its guidance, though they may not be of the finest talent or highest college rank; preference to be given to descendants of members of the Class who meet all the above-stated conditions.

THE SCHOLARSHIP OF THE CLASS OF 1835 (H. C.); with an income of one hundred and fifty dollars. Founded by the CLASS from gifts amounting to one thousand eight hundred and fifteen dollars, received between 1853 and 1892, for the benefit of meritorious young men, whether descendants of members of the Class or otherwise.

THE SCHOLARSHIP OF THE CLASS OF 1841 (H. C.); with an income of two hundred dollars. The CLASS fund of two thousand dollars was received in 1871. One thousand dollars were added to the fund in 1876 by FRANCIS EDWARD PARKER, of Boston; and two hundred dollars were added thereto in 1884 from the estate of SETH EDWARD SPRAGUE, through Professor Francis Minot, Secretary of the Class. The income is to be paid to some one deserving undergraduate; descendants of members of the Class to have the preference as candidates.

THE SCHOLARSHIPS OF THE CLASS OF 1856 (H. C.); two, with an income of three hundred dollars each. In 1885, DAVID PULSIFER KIMBALL, of Boston, of the Class of 1856, gave railroad bonds to the amount of ten thousand dollars for the establishment of two or more scholarships to be known as Scholarships of the Class of 1856, the income to be used "in the discretion of the Faculty to aid two or more undergraduates needing pecuniary assistance in obtaining an education at Harvard College."

**THE SCHOLARSHIP OF THE CLASS OF 1867 (H. C.);** with an income of one hundred and fifty dollars. In 1886, SAMUEL HOAR, of Concord, of the Class of 1867, gave two thousand dollars to found this scholarship. The sum of five hundred and fifteen dollars and eighty-six cents, received from members of the Class through the Class Secretary, has been added to the fund. "The net income shall be annually paid at or near the beginning of the second half of each College year to some member of the Freshman Class, in the Academic Department of Harvard College, who shall seem to the said President and Fellows meritorious and in need of assistance." "Children or grand-children of members of the Class of 1867 of Harvard College who are deemed worthy shall be preferred."

**THE CROWNSHIELD SCHOLARSHIPS (H. C.);** two, with an income of two hundred dollars each. Founded from a bequest, received in 1877, of five thousand dollars, made by FRANCIS BOARDMAN CROWNSHIELD, of Boston, of the Class of 1829. These scholarships, when vacant, are to be assigned by the Corporation, after public notice, to Freshmen, who shall hold them during their whole undergraduate course, subject to removal by the Corporation at any time.

**THE WARREN H. CUDWORTH SCHOLARSHIPS (H. C.).** Mrs. C. M. BARNARD, of Everett, offers to provide annually at present for two scholarships of three hundred dollars each in memory of Rev. Warren Handel Cudworth, of the Class of 1850, a graduate of the Divinity School of 1851, who died in 1883; "for poor and meritorious students in Harvard College, whether candidates for a degree or not," students from Lowell and from East Boston to be preferred.

**THE DANA SCHOLARSHIP OF THE CLASS OF 1852 (H. C.);** with an income of two hundred dollars. Founded in 1876 from a bequest of nineteen hundred and seventy-four dollars and twenty-eight cents made by Mrs. ANN F. SCHAEFFER, of Boston, in memory of her son, Charles Francis Dana, of the Class of 1852, who died in 1867. The income is to be paid to "such students as shall deserve and need it, without any special reference to the College rank."

**THE GEORGE AND MARTHA DERBY SCHOLARSHIP (G. S.);** with an income of two hundred and fifty dollars. Founded in 1881 from a bequest of five thousand dollars made by Miss MARTHA C. DERBY, of Boston, sister to Dr. George Derby, of the Class of 1838, who died in 1874.

**THE JULIUS DEXTER SCHOLARSHIP (H. C.);** with an income of one hundred and fifty dollars. Founded in 1892 by an anonymous friend, with a principal of two thousand dollars, to which the sum of two thousand and sixteen dollars and twenty-five cents was added in 1896. The income is

to be "devoted to aiding worthy and needy undergraduates in the academical department of Harvard University — those from Cincinnati in particular and from Ohio in general to be preferred over others." This scholarship has this year become available.

**THE ORLANDO W. DOE SCHOLARSHIP (H. C.)**; with an income of one hundred dollars. Founded in 1893 from a bequest of five thousand dollars made by Dr. ORLANDO WITHERSPOON DOE, of Boston, of the Class of 1865, "the interest of one half to be given as a scholarship annually to a deserving student in the academical department."

**THE WILLIAM SAMUEL ELIOT SCHOLARSHIP (H. C.)**; with an income of two hundred and fifty dollars. Founded in 1875 by SAMUEL ELIOT, of Boston, of the Class of 1839, in memory of his son, William Samuel Eliot, of the Class of 1874. The income of his gift of five thousand dollars is payable "to a student taking a Greek elective, or in case no such student needs pecuniary assistance, to any student or students at the discretion of the Dean of Harvard College."

**THE JOSEPH EVELETH SCHOLARSHIPS (H. C. and L. S. S.)**; five, with an income of two hundred dollars each. Founded from the residuary bequest, received in 1896, of thirty-seven thousand eight hundred and ninety-seven dollars and fourteen cents, made by JOSEPH EVELETH, of Boston and Watertown, Sheriff of Suffolk County from 1840 to 1855 except in 1853; "for aiding deserving and indigent young men in obtaining an education in said College or any of the schools connected therewith." Seven scholarships have been established on this foundation, of which three are assigned to the Lawrence Scientific School; three to the Medical School; and two to Special Students in Harvard College.

**THE FALL RIVER SCHOLARSHIP (H. C.)**; with an income of eighty dollars. Founded in 1893 by MILTON REED, of Fall River, of the Class of 1868, with a gift of one thousand dollars, to which he has subsequently added two hundred dollars. The annual income is to be paid "to some meritorious needy undergraduate student at the College proper, the preference to be given to some such student from the City of Fall River, Massachusetts."

**THE FARRAR SCHOLARSHIP (H. C.)**; with an income of two hundred and fifty dollars. Founded by Mrs. ELIZA FARRAR, of Springfield, in memory of her husband, John Farrar, of the Class of 1803, Hollis Professor of Mathematics and Natural Philosophy from 1807 to 1836. The income of her bequest of five thousand dollars, received in 1873, is to be applied "towards the maintenance and support of one meritorious student then being an undergraduate in said College."

THE RICHARD AUGUSTINE GAMBRILL SCHOLARSHIP (H. C.); with an income of four hundred dollars. Founded in 1890, with a principal of ten thousand dollars, by Mrs. ANNA VAN NEST GAMBRILL, of New York, in memory of her husband, Richard Augustine Gambrill, a graduate of the College of the Class of 1872, and of the Law School in 1876. The beneficiary must be an undergraduate of the College who will be benefited by such assistance, but he need not be absolutely dependent upon it for his ability to remain in College.

THE VIRGINIA BARRET GIBBS SCHOLARSHIP (G. S.); with an income of two hundred and fifty dollars. Founded in 1892 by THEODORE K. GIBBS, of New York. This scholarship is to be awarded to "one or more students who may have shown decided talent in Zoölogy and preferably in the direction of marine Zoölogy." The incumbent must be "either a graduate or a student in some Department of Harvard University, but not necessarily a candidate for a degree. His studies and researches may be conducted at the Natural History Laboratories of the Museum of Comparative Zoölogy at Harvard College, at the Newport Marine Laboratory, or at such European Laboratories or other place on the seashore in this country or elsewhere as may be approved by the Faculty of the Museum of Comparative Zoölogy and by the Professors of Zoölogy and Comparative Anatomy of Harvard University." The appointment is made annually by the President and Fellows of Harvard College on nomination by the Faculty of the Museum and the Professors of Zoölogy and Comparative Anatomy.

THE CHARLES HAVEN GOODWIN SCHOLARSHIP (G. S.); with an income of three hundred dollars. Founded in 1889, with a principal of six thousand dollars, by Professor WILLIAM WATSON GOODWIN, of the Class of 1851, in memory of his son, a graduate of the Class of 1888. "The scholarship shall be assigned by the Corporation at or near the beginning of each academic year, to some deserving student who will be benefited by such assistance, but not necessarily to one who is absolutely dependent upon outside aid for the ability to remain at the University. The beneficiary must be approved by the senior professor of Greek and the senior professor of Latin in the University; and he must be either a student in the highest class in Harvard College who is distinguished for his scholarship in Greek and Latin, or a graduate of Harvard College who has distinguished himself there in classical scholarship and is a student of classical philology in the Graduate Department of the University."

THE BENJAMIN D. GREENE SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. Founded in 1863, from a bequest of one thousand dollars made by BENJAMIN DANIEL GREENE, of Boston, of the Class of 1812, "to establish a scholarship for a poor scholar, the appointment thereto to be vested in the President for the time being."

**THE PRICE GREENLEAF SCHOLARSHIPS (H. C.)**; ten, with an income of three hundred dollars each. Established in 1887 under the will of **EZEKIEL PRICE GREENLEAF**, of Quincy. The will provides that "a sum equal to, but not exceeding, three thousand dollars a year, shall be divided into shares of three hundred dollars each, and each of said shares shall be paid in each year to an undergraduate, who, by reason of insufficient means, shall be unable to pay the expenses necessarily incurred in pursuing his studies as a member of the Academic Department of the College. In the selection of ten students, to each of whom one of said shares of three hundred dollars is to be paid, preference is to be given to those who by industry, good conduct, and zealous effort shall be deemed by the President and Dean of the College to be meritorious students, and entitled to encouragement and support; it being, however, my wish that said money should not be awarded to any student solely by reference to his rank or standing as a scholar, but that regard should also be had to earnest and honest endeavor to attain excellence."

**THE JOHN HARVARD SCHOLARSHIPS (H. C.)**; without stipend. These scholarships are awarded, at the beginning of each academic year, to undergraduates of Harvard College who have made excellent attainments in the work of the preceding academic year, and who are not recipients of scholarships having stipends. John Harvard Scholarships are given to such students only as are "deemed worthy of very high academic distinction." At the beginning of the current academic year, eight John Harvard Scholarships were awarded; fifteen other scholarships being also given to undergraduates deemed worthy of very high academic distinction. Applications are not received for John Harvard Scholarships.

**THE SCHOLARSHIP OF THE HARVARD CLUB OF CHICAGO (G. S.)**; with an income of three hundred dollars. Established in 1893 by the **HARVARD CLUB OF CHICAGO**; to be awarded to a graduate of an Illinois university or college who wishes to pursue graduate studies at Harvard University. The appointment is made annually by a committee of the club.

**THE SCHOLARSHIP OF THE ROCKY MOUNTAIN HARVARD CLUB (H. C. and G. S.)**. Established in 1890 by the **ROCKY MOUNTAIN HARVARD CLUB**, of Denver, Colorado; to be awarded to a promising graduate of a Colorado college or school pursuing his studies at Harvard University; the appointment to be made annually by a committee of the club. This scholarship is temporarily in abeyance.

**THE SCHOLARSHIP OF THE HARVARD CLUB OF SAN FRANCISCO (G. S.)**; with an income of two hundred and fifty dollars. Instituted in 1886 by the **HARVARD CLUB OF SAN FRANCISCO**; to be awarded to a graduate of the University of California studying in the Graduate School of Harvard University. The appointment is made annually by the club, in consultation with the Faculty of the University of California.



**THE HILTON SCHOLARSHIPS (H. C. and L. S. S.);** two, with an income of two hundred and twenty-five dollars each. Founded in 1897, from a bequest of WILLIAM HILTON. Three scholarships exist on this foundation; of which one is assigned to Harvard College, one to the Lawrence Scientific School, and one to the Medical School.

**THE EBENEZER ROCKWOOD HOAR SCHOLARSHIP (H. C.);** with an income of four hundred dollars. Established in 1895 from a bequest of ten thousand dollars made by EBENEZER ROCKWOOD HOAR, of Concord, of the Class of 1835, "the income to be applied to the education of meritorious undergraduates of said College from the town of Concord, either immediately after entering or later. If such fail to apply, then to accumulate until the principal shall reach the sum of twelve thousand dollars, which shall constitute two scholarships, and whenever no Concord boy shall apply for either, the income for the year may be given by the Corporation to another undergraduate."

**THE LEVINA HOAR SCHOLARSHIP (H. C. and G. S.);** with an income of two hundred and fifty dollars. Founded in 1876, from the residuary bequest of four thousand four hundred and seventy-five dollars and fifty-one cents, made by Miss LEVINA HOAR, of Lincoln, "the income of which shall be applied to assist in the support of meritorious students at said College who may be in need of assistance, giving a preference always to students from the town of Lincoln, in Massachusetts." This scholarship may be assigned to a student in the Graduate School.

**THE HODGES SCHOLARSHIP (H. C.);** with an income of two hundred dollars. Founded in 1878, with a principal of five thousand dollars, by Rev. RICHARD MANNING HODGES, of Cambridge, of the Class of 1815. The income is to be given "to a meritorious student, without pecuniary means, of the Senior Class,—his merit depending, without reference to scholarship, upon diligence and good character, though scholarship is to be no bar to the beneficence to be bestowed."

**THE HOLLIS SCHOLARSHIP (H. C.);** with an income of two hundred dollars. Founded by THOMAS HOLLIS, of London, in 1722, and his brother, NATHANIEL HOLLIS, in 1732, for the benefit of pious young students designed for the ministry, and who may be needy and deserving.

**THE HENRY B. HUMPHREY SCHOLARSHIP (H. C.);** with an income of four hundred and fifty dollars. Established in 1890 from a bequest of ten thousand dollars made by Mrs. PASTORA E. HUMPHREY, of Newport, Rhode Island, "to found a scholarship for the benefit—first, of any pupil or pupils applying for entry in said College from Thomaston, in Knox County, in the State of Maine; next, of any pupil or pupils from said Knox County; next, of any pupil or pupils from said State of Maine; next, of any pupils said College may deem proper." This scholarship may be given to a Special Student in Harvard College.

**THE KIRKLAND SCHOLARSHIP (H. C.)**; with an income at present of two hundred dollars. Founded in 1852 with a principal of two thousand three hundred and three dollars and forty-six cents by the **CLASS OF 1815**, in memory of John Thornton Kirkland, President of the University from 1810 to 1828. The income of the fund is to be applied at the discretion of the Corporation; descendants of members of said Class to have the preference as beneficiaries.

**THE GEORGE EMERSON LOWELL SCHOLARSHIPS (H. C.)**; two, with an income at present of two hundred dollars each. Founded in 1886 by Judge JOHN LOWELL, of Boston, of the Class of 1843, in memory of George Emerson Lowell, of the Class of 1883, the income to be awarded to students in the academic department "at the discretion of the President and Fellows (excepting that excellence in the Classics or in Athletics is recommended as a desirable qualification)."

**THE MATTHEWS SCHOLARSHIPS (H. C.)**; fifteen, with an income of three hundred dollars each. Founded by NATHAN MATTHEWS, of Boston, in 1870 from one half the net income from Matthews Hall. The income of the fund is for the aid of needy and deserving scholars; those intending to study for the ministry of the Protestant Episcopal Church, and sons of clergymen of the Protestant Episcopal Church, to be preferred. A portion of the Matthews Scholarships may be assigned in advance to students admitted to the Senior class who intend to study for the ministry of the Protestant Episcopal Church, provided they present satisfactory evidence of high scholarship.

**THE WILLIAM MERRICK SCHOLARSHIP (H. C.)**; with an income at present of two hundred dollars. Founded in 1888 from a bequest of five thousand dollars made by WILLIAM MERRICK, of Springfield, of the Class of 1870, the income to be paid "to some meritorious undergraduate, descendants of members of the Class of 1870 to have the preference."

**THE MOREY FOUNDATION (H. C.)**; one scholarship, with an income of three hundred dollars. Founded in 1866 from a bequest of seven thousand one hundred and fifty dollars made by GEORGE MOREY, of Boston, of the Class of 1811, the income of which is to be awarded to one or two undergraduates; any person receiving the benefit of the fund to be "a meritorious young man, whose scholarship and conduct shall have been satisfactory to the Government of the College"; the descendants of Rev. George Morey, of the Class of 1776, to have the preference.

**THE LADY MOWLSON SCHOLARSHIP (H. C. and G. S.)**; with an income of two hundred dollars. In 1643 Lady ANN MOWLSON, of London, founded the first scholarship in Harvard College by a gift of one hundred pounds "current English money," the income to be paid to some poor scholar until he shall attain the degree of Master of Arts, any kinsman of Lady

Mowlson having preference over other scholars. This gift was at first held by the Colony of the Massachusetts Bay, and in 1713 was paid over to the College, with accrued interest from 1685, by the Province Treasurer. In the early part of the last century this fund was probably mixed with other College funds and formed part of the Stock Account. In 1893 the scholarship was re-established with a principal of five thousand dollars taken from the Stock Account. This scholarship is given primarily to an undergraduate of Harvard College, but may be continued to him as a candidate for the degree of Master of Arts in the Graduate School.

THE HOWARD GARDNER NICHOLS SCHOLARSHIP (H. C.); with an income of two hundred dollars. Founded in 1897, by J. HOWARD NICHOLS, of Newton, Massachusetts, for undergraduates, in memory of his son, Howard Gardner Nichols, who graduated at Harvard College with the Class of 1893, and died in 1896 as the result of an accident at the cotton mill which he had built in Northern Alabama. Any undergraduate, of good character and scholarship, from Northern Alabama, has the preference over other applicants for this scholarship.

THE NORMAL SCHOOL SCHOLARSHIPS (L. S. S.); not exceeding eight at any one time, with an income of one hundred and fifty dollars each. Maintained by the University, under a vote of the President and Fellows passed March 8, 1880, for the benefit of students in the Lawrence Scientific School who are graduates of reputable Normal Schools in the United States.

THE LUCY OSGOOD SCHOLARSHIP. Founded from a bequest of six thousand dollars made by Miss LUCY OSGOOD, of Medford, and received in 1873, "for the benefit of needy and meritorious students." This fund was subject to an annuity, which impaired the principal, and it is to accumulate for the present.

THE PALFREY EXHIBITION (H. C.); with an income of eighty dollars. In 1821 a fund of twelve hundred dollars was given by JOHN GORHAM PALFREY, of Cambridge, of the Class of 1815, the income of which should be granted annually "to the most distinguished scholar among the indigent members of the Senior Class." The income of this foundation is given to such scholar in addition to that of one of the other scholarships.

THE PENNOYER SCHOLARSHIPS (H. C.); four: two with an income of seventy-five dollars, and two with an income of sixty dollars each. In 1670, WILLIAM PENNOYER, of England, gave an annuity from his estate in Norfolk for the benefit of two fellows and two scholars; one of the latter, as often as occasion shall present, to be of the posterity of Robert Pennoyer, and the other from New Haven Colony, if conveniently may be. A Pennoyer Scholarship may be held by a student in the Divinity School.

THE REBECCA A. PERKINS SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. The sum of nine hundred and forty dollars was received in 1869 from a bequest made by REBECCA A. PERKINS, of Fitchburg, the income thereof to be given "to some worthy and meritorious but indigent undergraduate of said Harvard College, to assist him in paying his College expenses," who must apply in writing to the President of the College "setting forth his pecuniary need and also the inability of parents to defray his College expenses," and must send a certificate of a municipal officer of the city or town, where the applicant resides, that the facts are as stated in the application.

THE WENDELL PHILLIPS MEMORIAL SCHOLARSHIP (H. C.); with an income of fifty dollars. The WENDELL PHILLIPS MEMORIAL ASSOCIATION gave the sum of one thousand and sixty dollars in 1895 to found this scholarship and added two hundred and seventy-five dollars in 1896. "It is always to be awarded to one about to become a Junior, who has completed his Freshman and Sophomore years in this College. The beneficiary must be one who has special oratorical powers, and so gives promise of becoming a real force as a public speaker; and he is to have the benefit of the scholarship for one or both of the last two years of his College course, as his attainments and character shall warrant. If for any reason this scholarship should become vacant during the period for which it is awarded, we would prefer that it should go to some other person in the same class."

THE RODGER SCHOLARSHIP. Founded by Rev. JAMES G. RODGER, of Dekalb, New York, in 1883. Not yet available.

THE HENRY BROMFIELD ROGERS SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. In accordance with the terms of the original gift, this scholarship has been created from the appraised value (three thousand one hundred and eighty dollars and fifty cents) of the Gymnasium which was given to the College in 1859 by HENRY BROMFIELD ROGERS, of Boston, of the Class of 1822, and converted to other uses in 1883. The income is to be used for "the maintenance and education of deserving and talented undergraduates in indigent circumstances."

THE EDWARD RUSSELL SCHOLARSHIP (G. S.); with an income of two hundred dollars. Founded by EDWARD RUSSELL, of Boston, from yearly gifts made during the years from 1877 to 1895, which, with accumulated interest, amounted on July 31, 1895, to five thousand two hundred and eighty-three dollars and nine cents, "to be known as the Edward Russell Scholarship, as a memorial to my grandfather of that name, who was graduated at the College in class of 1759; and to my father of same name who was graduated at the College in class of 1803; the income of the same to be given for the assistance of meritorious students of limited

pecuniary resources, whether of the undergraduate or graduate department."

**THE SALES SCHOLARSHIPS (H. C.)**; two, with an income of one hundred dollars each. Founded in 1893 with a principal of four thousand nine hundred and sixteen dollars and sixty-seven cents, which is one half of the residuary bequest made to the College by **FRANCIS SALES**, of Cambridge, A.M. 1835, Instructor in Spanish and French from 1816 to 1854.

**THE SALTONSTALL SCHOLARSHIP (H. C.)**; with an income of one hundred and fifty dollars. Founded from a bequest of three hundred pounds made by **Mrs. DOROTHY SALTONSTALL**, of Boston, in 1733, and received in 1739. In 1893 **HENRY SALTONSTALL**, of Boston, of the class of 1848, added three thousand dollars to this fund. The income is to be used for the benefit of poor scholars.

**THE LEVERETT SALTONSTALL SCHOLARSHIP (G. S.)**; with an income of two hundred dollars. Established in 1895 from a bequest of five thousand dollars made by **LEVERETT SALTONSTALL**, of Chestnut Hill, of the Class of 1844. The income is to be paid annually "to one or more meritorious students, graduate or undergraduate, of the University, who may require such assistance, and who may give decided promise of future usefulness; my descendants and those related to me by consanguinity, when they may be candidates, to be preferred. And I desire that if in the opinion of the President and Fellows it should be desirable to aid a graduate student by an extended course of study at any foreign university, they may pay the income of this fund to such student for the term of one year. In memory of my late honored father and of his devoted attachment to the University, I desire this to be named the 'Leverett Saltonstall Scholarship.'"

**THE MARY SALTONSTALL SCHOLARSHIPS (H. C.)**; two, with an income of one hundred and fifty dollars each, in the gift of the board of Overseers. In 1730, **Madam MARY SALTONSTALL**, widow of Gov. Gurdon Saltonstall of Connecticut, bequeathed to the College one thousand pounds, the income of which is to be given to two persons without means, of bright parts and good diligence (always dissenters), to fit them for the service of the Church of Christ; those related to the giver by consanguinity to be preferred. In 1845, **LEVERETT SALTONSTALL**, of Salem, of the Class of 1802, added to this fund a bequest of five hundred dollars.

**THE JAMES SAVAGE SCHOLARSHIP (G. S.)**; with an income of three hundred dollars. Founded in 1873 from part of the bequest of forty thousand dollars made by **JAMES SAVAGE**, of Boston, of the Class of 1803.

**THE SEVER SCHOLARSHIP (H. C.)**; with an income of one hundred and fifty dollars. Founded from gifts, amounting to two thousand three

hundred and ninety dollars, received, in 1868, 1869, and 1870, from Colonel JAMES WARREN SEVER, of Boston, of the Class of 1817. The income from this fund is to be awarded to some meritorious undergraduate without exclusive reference to academic rank; applicants from Kingston and Plymouth are to have the preference.

THE SEWALL SCHOLARSHIPS (H. C.); two, with an income of two hundred dollars each. In 1696, Judge SAMUEL SEWALL, of Boston, of the Class of 1671, and his wife HANNAH conveyed to the College a farm of five hundred acres at Petaquamscot in the Narragansett country, otherwise called King's Province; the income therefrom to be appropriated "for and towards the support and education at the said College of such youths whose parents may not be of sufficient ability to maintain them there, especially such as shall be sent from Petaquamscot aforesaid, English or Indians, if any such there be."

THE SHATTUCK SCHOLARSHIPS (G. S.); seven with an income of three hundred dollars each. Founded in 1854 from a bequest of ten thousand dollars, by Dr. GEORGE CHEYNE SHATTUCK, of Boston, A.M. 1807, "for the benefit of such persons of superior merit pursuing their studies at said College (graduates or undergraduates) as in their opinion may require and deserve assistance in the study of mathematics or any of its branches, or in the study of the languages, any or either of them."

THE SLADE SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. Founded in 1877 by Dr. DANIEL DENISON SLADE, of Chestnut Hill, of the Class of 1844, who gave for the purpose five thousand dollars, the income of which is "to be used from year to year for the benefit of young men who have proved themselves worthy of aid by diligence and meritorious conduct during at least one year's residence in Harvard College," the benefactor's sons, if at any time candidates, to have the preference.

THE STORY SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. A gift of two thousand dollars was received in 1864 from AUGUSTUS STORY, of Salem, of the Class of 1832, who directed that the income should be awarded by the President, without special reference to class rank, to such deserving applicant as might by his mental power, general character, and physical health, give the largest promise of usefulness.

THE STOUGHTON SCHOLARSHIP. In 1701, Lieut. Gov. WILLIAM STOUGHTON, of the Class of 1650, bequeathed to the College twenty-three acres of pasture and a parcel of salt meadow in Dorchester, with the provision that the clear rent and income thereof should be given "in the first place to a scholar of the town of Dorchester, and if there be none such, to one of the town of Milton, and in want of such, then to any other well deserving that shall be most needy." This fund was created from rents for

the pasture and receipts from the sale of the salt marsh, and is to accumulate for the present.

**THE THAYER SCHOLARSHIPS (G. S.);** ten, with an income of three hundred dollars each. In 1857, JOHN ELIOT THAYER, of Boston, bequeathed to several persons named by him, in trust, the sum of fifty thousand dollars, to pay the income thereof to the ten most meritorious scholars in Harvard University who may actually need the same.

**THE GORHAM THOMAS SCHOLARSHIP (G. S.);** with an income of one hundred and fifty dollars. In 1865, DR. ALEXANDER THOMAS, of Dorchester, of the Class of 1822, gave three thousand dollars, to found a scholarship in memory of his son, Gorham Thomas, of the Class of 1852.

**THE TOPPAN SCHOLARSHIP (G. S.);** with an income of three hundred dollars. The sum of four thousand seven hundred dollars was received in 1868 from a bequest made by Mrs. ANN TOPPAN, of Portsmouth, New Hampshire, to found a scholarship in memory of her husband, Christopher S. Toppan, "for the assistance of deserving young men during their College course."

**THE TOWNSEND SCHOLARSHIPS (G. S.);** four, of two hundred and fifty dollars each. Founded in 1861 by Miss MARY P. TOWNSEND, of Boston, through a bequest to the College of twenty thousand dollars, the income of which is to be used for the benefit of indigent scholars.

**THE UNIVERSITY SCHOLARSHIPS (L. S. S. and G. S.);** thirty-six, with an income of one hundred and fifty dollars each. Maintained by vote of the President and Fellows of Harvard College; sixteen being assigned to the Lawrence Scientific School, and twenty being assigned to the Graduate School.

**THE WALCOTT SCHOLARSHIPS (H. C.);** two, with an income of one hundred dollars. Founded in 1855 by bequest of SAMUEL BAKER WALCOTT, of the Class of 1819, with a principal of two thousand dollars. The income of the fund, when not less than two hundred dollars, is to be divided equally between two needy and meritorious undergraduates, who are to be nominated by the Faculty and appointed by the President and Fellows.

**THE WILLIAM WHITING SCHOLARSHIPS (H. C.);** two, with an income of two hundred dollars each. Founded in 1874 by bequest of WILLIAM WHITING, of Boston, of the Class of 1833, with a principal of five thousand dollars. For the benefit of deserving undergraduates of the College who need aid to defray their college expenses; preference being given to any of the descendants of the founder or of the Rev. Samuel Whiting, his first ancestor in America, who shall apply for, and shall be otherwise in the opinion of the Corporation proper persons to receive such assistance.

THE ROBERT C. WINTHROP SCHOLARSHIP (G. S.); with an income of two hundred dollars. Established in 1895 from a bequest of five thousand dollars made by ROBERT CHARLES WINTHROP, LL.D., of Boston, of the Class of 1828; Speaker of the U. S. House of Representatives, 1847-49, Senator from Massachusetts, 1850-51; "to my Alma Mater, Harvard College, for a scholarship or scholarships" to "be assigned to the Peabody Museum of Archaeology and Ethnology over which I have presided since its organization." The nomination for this scholarship is for the present in the hands of the Faculty of the Peabody Museum.

## AWARD AND TENURE OF FELLOWSHIPS AND SCHOLARSHIPS.

### Payment of Income.

To resident holders of fellowships and scholarships, having stipends, the income thereof is payable at the Bursar's Office, two thirds *February 21*, and the remainder *one week before Commencement*; but the income will be first applied to the settlement of any College term-bills issued and unpaid, and any balance then remaining will be paid in money.

The income of non-resident fellowships, having stipends, is payable quarterly in advance by drafts sent from the Bursar's Office *September 1*, *December 1*, *March 1*, and *June 1*. The first payment of the year is due September 1 for the quarter ending November 30; but to any holder of a fellowship who is going abroad to study, the income for six months to March 1 in the first year of his appointment will be paid at his request on or before September 1. No remittance will be made to the holder of a fellowship for any quarter until there is received from him at the Bursar's Office the address to which he desires to have it sent, unless he requests in writing that all remittances be sent to a stated address until he gives notice of a change.

### Scholarships in Harvard College.

The facts considered in making an assignment of a scholarship having a stipend are the needs of the student, and his promise *as indicated by his work in College*. A student who is not in need of aid cannot honorably apply for a scholarship; a scholarship cannot properly be awarded to one who, from physical, mental, or moral weakness, gives little promise of future usefulness. The special terms under which some scholarships are assigned are stated above, in the list of scholarships.

Scholarships are ordinarily assigned only on the basis of a *previous year of work in College*. The enjoyment of a scholarship for one year will not constitute any title to a second nomination, unless the superiority for which it was originally awarded be fully maintained; and at any time a scholarship or any portion thereof may be taken away from a student who



has proved undeserving. No student who has incurred a serious College censure in the course of the year will be considered a candidate for a scholarship; nor any student who obtains leave of absence for the year in which the scholarship would be payable.

Applications of College students for scholarships should be addressed to the *Dean of Harvard College*, and must be deposited at the Recorder's Office, No. 4, University Hall, on or before the *last Wednesday in May* of each year. The candidate must write his application on a blank form, which he may obtain at the Recorder's Office.

*Aid from the Beneficiary and Loan Funds must be applied for in special and separate petitions.*

Scholarships are awarded to Sophomores, Juniors, and Seniors at the beginning of each academic year, on the basis of the work of the preceding year.

For the assignment of Price Greenleaf Aid to Freshmen and other undergraduates in their first year, see page 478.

#### Scholarships in the Lawrence Scientific School.

Applications from students in the Lawrence Scientific School should be filed with the Secretary of the School on or before *June 1*.

Scholarships are awarded at the beginning of each academic year, to meritorious students standing in need of such assistance.

#### Appointments in the Graduate School.

A non-resident appointment to a fellowship is awarded only to a graduate of some department of Harvard University, or to a student who has pursued his studies at the University for several years. But the resident appointments may be, and some of them are, bestowed on persons not previously members of the University; although a preference is given, in most cases,—especially in regard to the more important appointments,—to students who have already given evidence of their qualification by work done here, in the College, the Scientific School, the Graduate School, or some other department of Harvard University.

Appointments to fellowships and scholarships in the Graduate School for any academic year are made (in most cases) by the Corporation, on recommendation by the Faculty of Arts and Sciences, towards the close of the preceding academic year. Applications for appointment or reappointment should be sent in during the month of March, and *as early in the month as possible*, in order to facilitate the work of examination and comparison. *Applications received after the last day of March are not ordinarily considered in the regular assignment.* Blanks for applications may be obtained from the Corresponding Secretary or at the office of the Dean of the Graduate School. A new applicant, not already a student at

Harvard University, should accompany his application with testimonials from those best qualified to speak with confidence of his qualities, attainments, and promise, and by such other documents as he may think proper to send. All applications should be addressed to *The Committee on Fellowships, Corresponding Secretary's Office, No. 5, University Hall, Cambridge, Mass.* A few appointments are commonly made after the beginning of the academic year, to fill vacancies arising from withdrawals and otherwise. For these appointments applications made later than the month of March may be considered.

Every holder of a fellowship or scholarship, whether resident or non-resident, is expected to retain such fellowship or scholarship throughout the year for which he is appointed, unless compelled to withdraw by stringent reasons; and to engage in no other occupation, without leave of the Administrative Board of the Graduate School. A student who resigns a fellowship or scholarship in the course of a year has *no claim to any part of the stipend* of the fellowship or scholarship. The circumstances of his change of plans are, however, taken into consideration.

*All appointments are made for one year only.* They may be renewed; but none of the higher appointments can be held for more than three years; and they are commonly restricted, in practice, to two years.

#### *Resident Fellows and Scholars.*

Every resident holder of a fellowship or scholarship is required to devote himself to studies, constituting a *complete year's work*, for which, as a fellow or scholar, he has obtained the approval of the Administrative Board of the Graduate School; and to do all the work belonging to such studies punctually, regularly, and with high credit. He is liable to be deprived of his appointment at any time, if he fail to satisfy this requirement.

#### *Non-Resident Fellows.*

A non-resident holder of a fellowship is entitled to receive a letter of appointment, bearing the seal of the University, stating the field of study in which he is to occupy himself, and recommending him, as a distinguished student of the University, to the esteem, confidence, and friendly consideration of all persons to whom he may present the letter.

Every non-resident holder of a fellowship in the Graduate School is expected to have always on file at the office of the Dean of that School, from the date at which he accepts his appointment, an address by which he can be promptly reached, whether in term-time or in vacation; to forward to the Dean at the beginning of each academic year a registration-paper filled out on an official blank form, of which copies may be obtained from the Corresponding Secretary; and to keep the Dean well informed

at all times of what he is doing and purposing to do in fulfilment of the objects for which he is appointed. His studies must lie within the field named in his letter of appointment, and must be carried on under the general supervision of an assigned Division or Department of the Faculty. He must, as early as possible, obtain the approval of his Division or Department with reference to his plans of study and to the place or places at which he is to work; and he must adhere carefully to the arrangements thus approved, unless he receives leave to change them. He must be in frequent communication with his Division or Department, and keep it always informed of his progress in his work; addressing either its chairman or some member designated by the chairman.

A non-resident fellow is required to devote himself to his studies during the whole working period of the year; and to undertake no other occupation, except such as may be expressly approved by the Faculty. He is not at liberty to leave his place of study and return to America, or make any other serious change of plans, without permission.

He must present a report of his work at the close of each year to the Committee on Fellowships. If he applies for reappointment, he must send a preliminary report with his application for reappointment; which should be received on or before the last day of March. He is expected to present a report on retiring from his fellowship.

## FUNDS FOR THE ASSISTANCE OF COLLEGE STUDENTS.

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The aid annually available for students in Harvard College from Scholarships, the Beneficiary Funds, and the Price Greenleaf Fund, amounts to about forty thousand dollars. Also the income of students in any department may sometimes be increased by such work as canvassing, singing, typewriting, stenography, office work, newspaper work, and, after the first year, private tutoring.

In addition to the Scholarships, which are enumerated in a preceding section of the Catalogue (see pp. 458-473), the following funds are established for the benefit of students in Harvard College.

### BENEFICIARY FUNDS.

Bequests and donations to the College have from time to time been made, the income of which is used for the aid of deserving students in narrow circumstances. The annual amount thus appropriated is about eighteen hundred dollars, which is usually distributed in gratuities of not more than fifty dollars each. Among these bequests is "THE MUNROE FUND" of fifteen thousand dollars, of which ten thousand one hundred and forty dollars have now been received by the College; in the bestowment of the income of this fund preference is to be given to natives, or children of citizens, of Concord, Mass.

Applications for aid from the Beneficiary Funds should be addressed to the Dean of Harvard College, by the student's parent or guardian, or by the student himself, if of age. The application should state particularly the circumstances of the case, with the reasons for asking aid. No application for any academic year will be received before *the first day of August* in the summer preceding the beginning of that year.

### LOAN FUND.

Besides the Beneficiary Funds above mentioned, there is a Loan Fund, the interest of which, amounting annually to about three thousand dollars, is lent to meritorious students in the Sophomore, Junior, and Senior classes, in sums ranging from forty to seventy-five dollars. This fund is under the control of a Board of Trustees, in Boston.

Applications for the Loan Fund should be left with the Dean of Harvard College as early as *the first day of December*.

The Trustees of the Fund request applicants for loans to observe the following rules:—

“1. To address their applications to the Treasurer of the Loan Fund, John Lowell, Esq., Boston, and give them to the Dean of the College.

“2. To state the amount they wish to borrow.

“3. To set forth their circumstances fully, as they would do on making application to an individual for like aid.

“4. To state what aid they have received, or expect to receive, from the College.

“5. If an applicant is under twenty-one years of age, his application must be accompanied by the written approval of his parent or guardian.”

#### PRICE GREENLEAF AID.

The President and Fellows of Harvard College are enabled by the bequest of EZEKIEL PRICE GREENLEAF, of Quincy, who is also the founder of ten Price Greenleaf Scholarships (see p. 465), to appropriate annually about fourteen thousand dollars “to reduce the general expenses necessarily incurred by undergraduates of the College in pursuing the studies required to obtain the degree of Bachelor of Arts, who are not of themselves, or with the aid of their parents, of sufficient pecuniary ability to pay for the same.”

The income of the Price Greenleaf Fund is distributed, in sums of from \$100 to \$250 a year: *first*, to undergraduates in the first year of their residence (whether Freshmen or students admitted to advanced standing, with or without examination); *secondly*, to deserving students who have not succeeded in the competition for scholarships, and who have applied for Price Greenleaf Aid on or before *the last Wednesday in May*.

Price Greenleaf Aid can be given only to undergraduates of Harvard College.

The regular assignment to first-year students is made before or at the time of their entrance. To secure such an assignment the applicant must be strongly recommended by the college, academy, or school with which he has been connected; and must see that his application is in the hands of the Corresponding Secretary by *the first day of May*. A subsequent assignment is made in January or February to some other first-year students of high standing: applications must be in the hands of the Secretary by *the fifteenth day of December*.

In every case the amount assigned is payable (but only to persons who may be undergraduates at the time of payment) in two instalments, at the time of presentation of each of the two term-bills of the year.

The recipients of Price Greenleaf Aid may be called upon for service as monitors or assistants to an amount not exceeding four hours a week.

For blank forms of application, and information about necessary expenses, address the *Corresponding Secretary of Harvard University*.

## FEES AND EXPENSES.

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### TUITION-FEES.

#### For a Student in Regular Standing.

The annual tuition-fee for every student in regular standing in Harvard College or the Lawrence Scientific School, and for every Resident Student in the Graduate School doing full work, is *one hundred and fifty dollars*.

A student paying this fee is entitled to all the general privileges of membership in the University. He has the right to take any courses for which he is qualified, given under the authority of the Faculty of Arts and Sciences; but in laboratory courses he must pay certain additional fees, named below. He has also the right of free admission, provided he is properly qualified, to any of the instruction and the examinations given in any department of the University; except exercises carried on in special laboratories. To obtain admission to instruction given in a department not under the charge of the Faculty of Arts and Sciences, a College or Graduate student should apply to the Recorder for a certificate to be presented to the Dean of the department in which the desired instruction is given. A Scientific student should apply, in like manner, to the Secretary of the Scientific School.

In Harvard College and the Lawrence Scientific School, *all students not Special Students*, are required to pay the full tuition-fee of one hundred and fifty dollars. The same fee is charged to Special Students doing full work; as well as to every Resident Student in the Graduate School who is doing full work, or who wishes to have the year counted to him as a complete year of study for any degree, or who holds a fellowship or scholarship. Laboratory fees must be paid in addition to the tuition-fee by students who take laboratory courses.

The first third of the academic year begins with the academic year, and ends *December 31*. The second third begins *January 1* and ends *March 31*. The last third begins *April 1* and ends at *Commencement*.

A student who enters the University after the beginning of the academic year is charged for instruction from the beginning of the third in which he enters. One who withdraws during the year is charged to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Dean of the department in which he is registered, or to the Recorder; otherwise he is charged to the end of the third in which such written notice is given.

Deduction from the full tuition-fee of one hundred and fifty dollars a year is made for properly notified absence, as follows: for absence for three consecutive months, *thirty dollars*; for absence during the whole year, not including the mid-year and final examinations, or either of them, *one hundred dollars*. A student who claims a deduction, on the ground of absence, must present at the Bursar's office a certificate from the Recorder as to the fact and duration of his absence; and in order to obtain such a certificate, he must have given previous notice of his intended absence to the Recorder.

Every Non-Resident Student in the Graduate School, not holding a fellowship, is required to pay at least *thirty dollars* to the University. Non-resident holders of fellowships are charged no fees.

A fee of *three dollars* is charged for the second and each subsequent examination for removing a condition.

The fee for the examination for the degree of Ph.D. or S.D. is *thirty dollars*, but this fee is not charged to any candidate who has paid the full tuition-fee of one hundred and fifty dollars for at least one year as a Graduate Student.

#### Fees for Single Courses.

Special Students and Students in the Graduate School (not doing full work) may pay fees for the courses which they take, instead of paying the full tuition-fee of a student in regular standing. But a student paying less than one hundred and fifty dollars is not allowed to be the holder of a fellowship or scholarship, or to count the year as a full year of study for a degree, or to claim admission to instruction or examination in another department of the University.

The fees for single courses are as follows:—

For any Course of Instruction, not a Laboratory Course or Course of Research; *forty-five dollars* for a full course, *twenty-five dollars* for a half-course.

For a Course of Research, such amount, *not less than forty-five dollars*, as shall represent the weight of the course in the student's plan of work.

In all other cases the fee is computed at the rate of *fifteen dollars for an hour a week* of instruction during the academic year, up to one hundred and fifty dollars.

In no case shall the tuition-fee for the year be less than *thirty dollars* or more than *one hundred and fifty dollars*.

*No deduction for absence or withdrawal is made from the fees for single courses.* A student who attends a Course of Instruction for only a part of the year must pay the whole fee for such course. But a student who is liable for the full tuition-fee of *one hundred and fifty dollars* a year is entitled to the same remission as a student in regular standing.

### Laboratory Fees.

Every student who takes a Laboratory Course must pay, in addition to his tuition-fee, the special fees pertaining to such course. For each Laboratory Course in Physics, the fee is *ten dollars*, which covers all charges. For study in the Chemical and Mineralogical Laboratories, there is a general fee, which varies from *five dollars to thirty dollars*, according to the nature and amount of the work undertaken, and also an individual fee for the use of materials in special investigations and for breakage, and in payment of fines for violation of the laboratory regulations. For Laboratory Courses in Psychology, in Botany, Zoölogy, and Geology (except Mineralogy and Petrography), and in Hygiene, the fee is *five dollars*, which covers all charges. For instruction and the use of the work shops in the Rindge Manual Training School, the fee is *fifteen dollars*.

### BONDS.

Every student in Harvard College in regular standing must file with the Bursar a bond in the sum of *four hundred dollars*, signed by two bondsmen, one of whom must be a citizen of the United States, as security for the payment of College bills; or he may deposit with the Bursar four hundred dollars in money or in United States bonds, for the same purpose; or he may deposit *fifty dollars* as security, and pay his tuition-fees in advance, as follows:—one third on or before *October 1*, one third on or before *January 1*, and one third on or before *April 1*.

The same rule applies to every Special Student in Harvard College, every Student (Regular or Special) in the Lawrence Scientific School, and every Resident Student in the Graduate School; except that *two hundred dollars* is the amount of the bond or deposit required of a student of one of these classes, unless he occupies a College room or boards at Memorial Hall or the Foxcroft Club.

Every student in any department of the University who occupies a College room or boards at Memorial Hall or the Foxcroft Club must file a bond for *four hundred dollars*, or must in advance, and in addition to his tuition-fees, pay the full year's rent of his room, and make a deposit as security for the payment of his board at the rate of *five dollars a week*.

No officer or student of the University is accepted as a bondsman.

### BILLS.

The first term-bill, containing two-thirds of the annual charges is issued February 1; and must be paid on or before *February 21*.

The second term-bill, containing the remaining third of the annual charges, is issued one week before Commencement; and must be paid by



a candidate for a degree at least *one day before Commencement*, and by other students on or before *October 10*.

When a student withdraws from the University, his whole bill becomes payable at once.

### EXPENSES.

The following table exhibits four scales of annual expenditure:—

	Low.	Moderate.	Liberal.	Very liberal.
Tuition . . . . .	\$150	\$150	\$150	\$150
Room . . . . .	30	50	100	200
Furniture(annual average)	10	15	25	50
Board (39 weeks) . . . .	117	160	160	390
Fuel and light . . . . .	11	15	30	45
Sundries . . . . .	40	60	100	200
Total . . . . .	\$358	\$450	\$565	\$1035

The above estimates do not include laboratory charges, books and stationery, clothing, washing, membership of societies, subscriptions, service, and the expenses of the long vacation; some of which are luxuries, and all of which vary with the means and habits of the individual student. The exceptionally strong and capable student can, without injury to himself, reduce his necessary expenses below the lowest estimate presented in the above table; which may be regarded as a fair one for a student of ordinary constitution and power of self-command. A single room is naturally more costly than one shared by two persons; but single rooms, not in the immediate vicinity of the University, may be obtained for moderate rents. A list of available rooms is issued each year by the Committee on the Reception of Students, and may be obtained in the course of the summer, from the Corresponding Secretary or at the Publication Office.

A committee of officers and students have charge of some hundred sets of chamber and study furniture which are rented at low rates.

Members of any department of the University can board at cost by joining the Association which uses the great dining-room of Memorial Hall, but the total membership is necessarily limited to about 1100. The cost of board to the members of this association is expected not to exceed \$4.15 a week. Applications for seats for the year 1898-99 should be made before September 15, 1898, to the Auditor of the Dining Association, Memorial Hall. The Hall opens on the last Wednesday in September.

Upwards of three hundred members of the various departments of the University are admitted annually to the Foxcroft Club, a cooperative organization having quarters adjoining the College Yard. Simple articles

of food are furnished to order at cost, making it possible to board at the Club for from \$2.50 to \$3.00 a week. The annual fees of the club are low. Application should be made early to the Secretary of the Foxcroft Club.

The Harvard Coöperative Society is another organization for reducing expenses. At the store of the Society, clothing, books, stationery, wood, coal, etc., can be purchased at reduced prices.

For important information on the subject of expenses, persons intending to come to the University are advised to consult a pamphlet entitled *Students' Expenses*, of which copies may be obtained from the Corresponding Secretary or at the Publication Office.

### ASSIGNMENT OF COLLEGE ROOMS FOR 1898-99.

Students living in College buildings, who intend to be students in any Cambridge department of the University during the academic year 1898-99, and wish to engage for that year the rooms which they now occupy, must sign new room-agreements and leave them at the Bursar's office between March 21 and March 31 inclusive.

A list of all the College rooms not engaged for 1898-99, except rooms in Wadsworth House, in Divinity Hall, in No. 2 Holmes Place, and a few rooms in Holyoke House, with blank forms of application, will be ready for delivery at the Bursar's office April 6. Applications for these rooms may be made on or before May 2 by Undergraduates and Special Students in Harvard College, Students in the Lawrence Scientific School, Graduates of Harvard College who intend to be students in any Cambridge department of the University during 1898-99, and by those who intend to enter Harvard College as Undergraduates in the summer of 1898. But rooms in Holworthy Hall will be assigned only to applicants who are members of the classes of 1899, 1900, or 1901 in the College. Applications which are not made on the printed blanks, and applications from those who have already engaged College rooms for 1898-99, will not be considered. The assignment of rooms will be made by lot May 4, and the result of the allotment will be announced May 5.

Lists of the rooms to be let May 4, descriptive lists of rooms, blank applications and bonds will be sent after April 6 to those intending to enter the College in the summer of 1898 who send their names and addresses to the Bursar for that purpose. The application will contain a certificate to be signed by the instructor of the applicant stating that the applicant intends to enter the College as an Undergraduate in the summer of 1898, and specifying the examinations (June or September) at which he will apply for admission. The bond for \$400 must be executed by two sufficient bondsmen and will hold them for the full year's rent of any one of the

rooms applied for which may be assigned to the applicant between the date of the execution of the bond and the fifth day of October, 1898, unless the applicant is rejected at the June examinations without permission to take the examinations in September; and in that case the bondsmen will be held for one quarter of the full year's rent. But the bondsmen will not be held for any payment of rent if the Bursar lets the room to some other member of the University in accordance with the established rules.

In the assignment of a room with two bedrooms,\* preference will be given to an application signed by two students who will occupy the room together. If two students, neither of whom has a room standing in his name for 1898-99, intend to occupy a room together and both sign one application, this application will be given two chances in the allotment and any room drawn will be assigned to the two applicants. But if in any case one of two applicants to whom a room has been assigned is not admitted to College at the examination specified by the instructor on the room-application, or if either of the applicants does not register and join his class before October 1, or does not occupy the room through the year, the Bursar may cancel the assignment and assign the room by lot to other applicants.

Every student to whom a room is assigned, except any applicant for admission who is rejected at the June examinations without permission to take the examinations in September, will be held responsible for the full year's rent thereof, and all charges for gas and damages, unless, before October 1, 1898, the room is let at his request to some other student in accordance with the established rules; or unless, being a member of the class of 1899, of 1900, or of 1901, in the College, he permanently severs his connection with the University, obtains a leave of absence for the whole year 1898-99, or is suspended for the whole of that year, and gives written notice to the Bursar before September 1, 1898, that he desires to cancel his room-agreement. When one of two room-mates cancels his room-agreement under the preceding provision, the other room-mate may, except as otherwise provided in the case of rooms assigned by preference to two applicants, secure the room by at once signing a new room-agreement and leaving it at the Bursar's office; but unless he does so, the Bursar will be at liberty to assign the room to other tenants.

Students who have no College rooms for 1898-99 and wish to obtain rooms which may be unengaged May 9, or which may become vacant at any time after that date, may after May 5 file applications at the Bursar's office, specifying the conditions as to buildings, floors, exposure, rent, &c. which they desire to have met and containing agreements to take any rooms which may be assigned to them which fulfil the specified conditions. These applications will remain in force until such dates as the applicants may specify therein, and rooms will be assigned upon them by lot. Notice

\* In Holyoke House, rooms 5, 16, 27, and 38 only, will be subject to this preference.

of rooms to be assigned may be put upon the bulletin board if the Bursar considers it advisable.

The Bursar may cancel the assignment of a room to one whose connexion with the University as a student is terminated; or to one intending to enter College as an undergraduate, who does not pass the admission examination or, having passed the examination, does not join his class before October 1, 1898; or to any other person who does not register as a student in some Cambridge department of the University before October 1, 1898.

The right to occupy a College room is given only to the student to whom the room is assigned and to his room-mate. Neither transfers nor exchanges of rooms are allowed. Not more than two students are allowed to occupy any College room; and not more than one to occupy any room in Divinity Hall except those having bedrooms, nor any room on the North side of Grays Hall, nor Nos. 18, 30, and 42 in Conant Hall. Only the constant use of a room by night as well as by day will be regarded as occupation thereof. All persons who occupy College rooms are subject to the regulations of the Parietal Board. Persons not connected with the University are not allowed to occupy College rooms. Tenants who desire to employ any one to make fires, black boots, &c., must arrange therefor with the porters of the buildings in which they live.

### PRICES OF COLLEGE ROOMS FOR 1897-98.\*

In each case the price is for the whole room from the beginning of the Academic Year until the next Commencement, and includes the daily care of the room.

- \$25. College House, Nos. 13, 35.
- \$45. College House, Nos. 57 and 58.
- \$50. College House, Nos. 22, 44, 66.
- \$60. { College House, Nos. 3, 4, 6, 7, 8, 9, 10, 15, 16, 18, 19, 20, 25,  
26, 27, 28, 30, 31, 32, 37, 38, 39, 40, 41, 42, 46, 48, 50, 52, 54,  
60, 62, 64, 70; Grays, Nos. 33, 35.
- \$70. { Hollis and Stoughton, Nos. 1, 2, 3, 4, 18, 19, 20; Stoughton,  
No. 17; College House, Nos. 11, 12, 33, 34, 47, 49, 51, 53, 59,  
61, 63, 67, 68, 69.
- \$75. { College House, Nos. 1, 2, 21, 23, 24, 43, 45, 55, 65; Grays,  
Nos. 3, 13, 15, 17, 19, 34, 37, 49, 51; Weld, Nos. 25, 26,  
52, 53.
- \$90. { Hollis and Stoughton, Nos. 5, 6, 8, 9, 10, 12, 13, 14, 16, 22, 23,  
24, 26, 27, 28.

\* The prices for 1898-99 will be stated with the list of rooms, which may be obtained at the Bursar's office on or after April 6 (see p. 483).

- \$100. { Hollis and Stoughton Nos. 29, 32; Hollis, No. 17; Grays, Nos. 1, 7, 11, 14, 18, 21, 23, 25, 27, 29, 31, 36, 39, 41, 45; Weld, Nos. 24, 27, 51, 54; Matthews, Nos. 27, 28, 57, 58; Wadsworth House, Nos. 9 and 10, 11 and 12; College House, No. 29; Holyoke, Nos. 39, 45; Foxcroft House, No. 6; Walter Hastings, No. 61.
- \$125. { Hollis and Stoughton, Nos. 11, 15, 25, 30, 31; Hollis, No. 21; Grays, Nos. 2, 9, 16, 22, 26, 30, 40, 47, 50, 52; Matthews, Nos. 25, 26, 29, 30, 55, 56, 59, 60; Holyoke, No. 28; Thayer, Nos. 17, 18, 19, 20, 23, 24, 41, 42, 47, 48, 65, 66; Walter Hastings, Nos. 13, 22, 23, 32, 46, 59; Foxcroft House, Nos. 1, 2, 5; Perkins, Nos. 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22; Conant, Nos. 18, 30, 42; 2 Holmes Pl., 7.
- \$150. { Grays, Nos. 4, 6, 8, 10, 12, 20, 28, 32, 38, 42, 44, 46, 48; Holyoke, Nos. 2, 3, 6, 11, 17, 40, 44, 46; Matthews, No. 6; Thayer, Nos. 1, 2, 3, 4, 13, 14, 15, 16, 25, 26, 30, 35, 36, 43, 44, 45, 46, 49, 50, 53, 59, 60, 63, 64, 67, 68; Foxcroft House, Nos. 3, 7, 8; Walter Hastings, Nos. 45, 60; Perkins, Nos. 1, 2, 25, 26, 28 to 44, 47 to 66, and 69 to 88 inclusive; 2 Holmes Pl., 9.
- \$175. { Thayer, Nos. 5, 6, 8, 9, 10, 11, 12, 21, 22, 31, 32, 37, 38, 39, 40, 51, 52, 55, 56, 57, 58, 61, 62; Weld, Nos. 3, 5, 8, 13, 14, 19, 20, 30, 32, 34, 35, 40, 41, 46, 47; Holyoke, Nos. 12, 29, 34; Perkins, Nos. 23, 24, 45, 46, 67, 68; Foxcroft House, No. 4.
- \$200. { Thayer, Nos. 27, 28, 33, 34; Matthews, Nos. 3, 4, 10, 16, 22, 33, 34, 46, 52; Holyoke, Nos. 18, 22, 23, 37, 41, 42, 43, 47, 48; Wadsworth House, No. 13; Weld, No. 1; Conant, Nos. 3, 4, 5, 7, 8, 9, 10, 11, 12; 2 Holmes Pl., 3 and 4, 6.
- \$225. { Weld, Nos. 4, 6, 9, 12, 15, 18, 21, 22, 23, 31, 33, 39, 42, 45, 48, 49, 50; Matthews, Nos. 5, 9, 15, 19, 20, 21, 39, 45, 49, 50, 51; Holyoke, Nos. 1, 26, 30, 31, 32, 35, 36, 50; Wadsworth House, Nos. 5 and 6; Walter Hastings, Nos. 20, 30, 42; Conant, Nos. 1, 2, 15, 16, 19, 20, 21, 22, 23, 24, 27, 28, 29, 31, 32, 33, 34, 35, 36, 39, 40, 41, 43, 44, 45, 46, 47, 48.
- \$250. { Holworthy, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24; Weld, Nos. 2, 10, 11, 16, 17, 28, 29, 37, 38, 43, 44; Matthews, Nos. 1, 2, 8, 13, 14, 23, 24, 31, 32, 35, 36, 37, 38, 43, 44; Holyoke, Nos. 4, 9, 10, 13, 14, 15, 20, 21, 24, 25, 38, 49; Wadsworth House, Nos. 3 and 4, 7 and 8; Walter Hastings, Nos. 14, 16, 18, 24, 26, 28, 33, 36, 39, 47, 50, 53, 56; Conant, Nos. 13, 14, 25, 26, 37, 38; 2 Holmes Pl., 8.

- \$275. Matthews, Nos. 53, 54; Holyoke, Nos. 8, 19.  
 \$300. { Matthews, Nos. 11, 12, 17, 18, 41, 42, 47, 48; Holyoke, Nos. 5,  
       16, 27; Walter Hastings, Nos. 12, 21, 35, 38, 41, 44; 2 Holmes  
       Pl., 1, 2, 5.  
 \$325. { Walter Hastings, Nos. 3, 6, 9, 11, 15, 17, 19, 25, 27, 29, 31, 34,  
       37, 40, 43, 57, 58.  
 \$350. Walter Hastings, Nos. 1, 2, 4, 5, 7, 8, 10, 48, 49, 51, 54, 55.

#### DIVINITY HALL AND HOUSE.

Divinity Hall, the dormitory of the Divinity School, contains 42 rooms, ranging in price from \$40 to \$80. Divinity House, in the rear of Divinity Hall, contains 5 rooms.

All these rooms are primarily reserved for students of the Divinity School, and will not be assigned to other students until the Thursday on which the academic year begins. On that day a list of the rooms not previously engaged will be posted at the Bursar's office and applications may be made to him. The Dean of the Divinity School, however, reserves the right of discriminating between applications as the interests of the School may in his judgment dictate.

## APPOINTMENT COMMITTEE.

*Chairman*, JOHN WILLIAMS WHITE, PH.D., LL.D., *Professor of Greek*.  
*Secretary*, BYRON SATTERLEE HURLBUT, A.M., *Instructor in English*.

JOHN KNOWLES PAINE, A.M., MUS.D., *Professor of Music*.

CHARLES HERBERT MOORE, A.M., *Professor of Art*.

FREDERIC WARD PUTNAM, A.M., S.D., *Professor of American Archaeology and Ethnology*.

GEORGE HERBERT PALMER, A.M., LL.D., *Professor of Philosophy*.

WILLIAM GILSON FARLOW, M.D., LL.D., *Professor of Botany*.

CHARLES LORING JACKSON, A.M., *Professor of Chemistry*.

FRÉDÉRIC CÉSAR DE SUMICHRAST, *Assistant Professor of French*.

WILLIAM MORRIS DAVIS, M.E., *Professor of Physical Geography*.

WILLIAM ELWOOD BYERLY, PH.D., *Professor of Mathematics*.

CHARLES ROCKWELL LANMAN, PH.D., *Professor of Sanskrit*.

EDWARD LAURENS MARK, PH.D., LL.D., *Professor of Anatomy*.

EDWIN HERBERT HALL, PH.D., *Professor of Physics*.

DAVID GORDON LYON, PH.D., *Professor of Divinity*.

HANS CARL GÜNTHER VON JAGEMANN, PH.D., *Assistant Professor of Germanic Philology*.

IRA NELSON HOLLIS, *Professor of Engineering*.

FRANK WILLIAM TAUSSIG, PH.D., LL.B., *Professor of Political Economy*.

JOHN ELIOT WOLFF, PH.D., *Professor of Petrography and Mineralogy*.

ALBERT BUSHNELL HART, PH.D., *Professor of History*.

GEORGE LYMAN KITTREDGE, A.B., *Professor of English*.

ARTHUR RICHMOND MARSH, A.B., *Assistant Professor of Comparative Literature*.

**Executive Committee.** — Professor WHITE, *Chairman*; Mr. HURLBUT, *Secretary*; Professors HALL, VON JAGEMANN, and HART.

The Committee, which consists of one representative from each Department of the Faculty of Arts and Sciences, recommends for positions of various kinds men who are studying or who have studied under this Faculty, whether or not holders of degrees.

The Committee keeps lists of those who wish employment and of all who are teachers by profession. These lists include not only those who are unemployed at the time of registration, but also those who desire to be transferred to other positions.

The Committee will make prompt reply to persons in authority in colleges and schools, and to professional and business men, who wish its assistance.

No fees are charged for any service rendered by the Committee.

Communications should be addressed to *The Secretary of the Appointment Committee, No. 5, University Hall, Cambridge, Mass.*

## SCHOOLS EXAMINATION BOARD.

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The Members of the Board for 1897-98 are:— President ELIOT, Professor CHARLES F. DUNBAR, Professor A. S. HILL, Professor EPHRAIM EMERTON, Mr. WILLIAM C. COLLAR, *Head-Master of the Roxbury Latin School*, Hon. FRANK A. HILL, *Secretary of the State Board of Education*, and Assistant Professor PAUL H. HANUS. Professor HANUS is Secretary of the Board.

Under the direction of this Board the regular work of instruction in any school — public, endowed, or private — of a grade to prepare boys for Harvard College or the Lawrence Scientific School, will, on request, be thoroughly examined. An examination may cover the entire work of a school, or only the work in a department or departments to be specified by the person or persons inviting the examination.

Examinations may be invited by the Master of a public school with the approval of the Superintendent if there be any; by the Master or Principal of an endowed school or academy with the approval of some appropriate officer of the Board of Trustees; and by the Master of a private school.

The examinations are directed to ascertaining the aims and organization of the school, its methods of instruction, discipline, and physical training, the proportionate attention given to each study, the quality and range of the books used, and the quality and quantity of the apparatus.

The examinations may or may not cover methods of discipline outside of the school rooms, and do not cover religious instruction, sanitary condition, or arrangements for boarding and lodging pupils.

A written report is made by the Board to the Master or Principal of the school examined. This report is not to be published by either party. It may be used confidentially in the University Committees on Admission, in the Board of Trustees of an endowed school or academy, and by the Superintendent of Schools, if there be any, in the case of a public school. No report or record is made concerning the attainments of individual pupils.

To make a complete examination of a school which has a comprehensive programme of studies, six examiners are ordinarily required — one for each of the following subjects, — Classics, Mathematics, Natural Science, History, English, other modern languages; and if the number of pupils be large, assistants for the principal examiners may also be re-



quired. The examinations in these different departments need not be simultaneous, and in most cases would not be. For any particular school the Board, if requested, will state beforehand how many examiners or assistants will be needed for either a complete or a partial examination.

The examinations are held at the convenience of the Board at some time between November 1st and June 1st. Applications for such examinations should be made not later than January 1st. The Board is at liberty to decline an invitation to examine or re-examine a school.

The school examined pays the travelling expenses of the examiners and of their assistants if there be any, \$10 for every period of twenty-four hours or fraction thereof that each examiner is absent from the University, and \$5 for every period of twenty-four hours or fraction thereof that each assistant is absent from the University. When thoroughly informed of the programme of studies in the school inviting examination, of its number of pupils, of the scope of the examination desired, and of its hour-distance from Boston, the Board will furnish beforehand an approximate estimate of the cost of the examination over and above travelling expenses.

A list of the schools examined, with the dates of the examinations and the departments in which they were examined, will be printed in each successive annual Catalogue, accompanied by a statement that this publication conveys no information in respect to the results of the examination.

All communications on this subject should be addressed to Professor PAUL H. HANUS, *Secretary of the Schools Examination Board*, Harvard University, Cambridge, Mass.

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Special pamphlets relating to the departments under the charge of the Faculty of Arts and Sciences, to the conditions of admission, to the courses of instruction and other opportunities of study presented in the several branches of work, to fellowships and scholarships, etc., are issued by the University, and may be obtained at the Publication Office, No. 2, University Hall, or by application to *The Corresponding Secretary*, Harvard University, Cambridge, Mass.

## THE DIVINITY SCHOOL.

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A leading purpose of the founders of Harvard College was to provide for the churches a learned ministry.

“After God had carried us safe to New England, and wee had builded our houses, provided necessaries for our livelihood, rear’d convenient places for God’s worship, and settled the civill government: One of the next things we longed for and looked after was to advance learning and perpetuate it to posterity; dreading to leave an illiterate ministry to the churches, when our present ministers shall lie in the dust.” *New England’s First Fruits, in respect of the progress of learning, in the Colledge at Cambridge in Massachusetts-bay*, London, 1643.

Instruction in Theology has been given at Harvard College from the time of its foundation. The first professorship instituted in the University was the Hollis Professorship of Divinity, established in 1721. The differentiation of the Divinity School from the College was very gradual. Its Faculty was formally organized in 1819. A separate list of its students — previously included under the head of Resident Graduates — first appears in the Catalogue for 1819–20. The organization of the three oldest professional departments of the University, under the titles Theological School, Medical School, and Law School, is first indicated in the Catalogue for 1827–28.

The Constitution of the Divinity School prescribes that “every encouragement be given to the serious, impartial, and unbiassed investigation of Christian truth, and that no assent to the peculiarities of any denomination of Christians shall be required either of the instructors or students.”

The administration of the School is now carefully conformed to this principle. Various denominations are represented in its Faculty and among its students. The aim of its management is to maintain a school in which all matters connected with Theology shall be studied in a spirit as free as that in which Philosophy, History, and Classical Literature are studied in our colleges. At the same time, special attention is given to preparation for the practical work of the ministry. Large opportunity is

offered for graduate study; and many of the students are graduates of other theological seminaries.

The degree of BACHELOR OF DIVINITY, to be given in connexion with graduation from the School, was instituted in 1869. It is awarded on recommendation by the Faculty of Divinity. Candidates for this degree must have received a degree of Bachelor of Arts on an approved course of study or show that they have had an education equivalent to that of a college graduate.

Students in the School may be candidates for the degrees of MASTER OF ARTS and DOCTOR OF PHILOSOPHY. These degrees are given on recommendation by the Faculty of Arts and Sciences. (See below.)

The buildings of the Divinity School are situated in Divinity Avenue, and comprise DIVINITY HALL, dedicated in 1826, in which are the Chapel of the School and rooms for students, DIVINITY HOUSE, a small building which has a few rooms for students, and DIVINITY LIBRARY, completed in 1887, containing the library and lecture-rooms of the School.

#### THE FACULTY OF DIVINITY.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.

CHARLES CARROLL EVERETT, D.D., LL.D., DEAN, and *Bussey Professor of Theology.*

JOSEPH HENRY THAYER, D.D., LITT.D., *Bussey Professor of New Testament Criticism and Interpretation.*

CRAWFORD HOWELL TOY, A.M., LL.D., *Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature.*

FRANCIS GREENWOOD PEABODY, A.M., D.D., *Plummer Professor of Christian Morals.*

EPHRAIM EMERTON, PH.D., *Winn Professor of Ecclesiastical History.*

DAVID GORDON LYON, PH.D., *Hollis Professor of Divinity.*

EDWARD HALE, A.B., D.B., *Assistant Professor of Homiletics.*

JOHN WINTHROP PLATNER, A.B., *Assistant Professor of Ecclesiastical History.*

JAMES HARDY ROPES, A.B., *Instructor in New Testament Criticism and Interpretation.*

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SAMUEL SILAS CURRY, PH.D., *Instructor in Elocution.*

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ROBERT SWAIN MORISON, A.M., D.B., *Librarian, and Secretary of the Faculty.*

### ADMISSION OF STUDENTS.

*Testimonials.* All candidates for admission must furnish testimonials of character and scholarship.

*Resident Graduates.* Graduates of Theological Schools will be admitted as Resident Graduates to all the privileges of the School, and may, with the approval of the Faculty, pursue such studies as they may select in other departments of the University.

*Candidates for the degree of D.B.* Candidates for the degree of Bachelor of Divinity must have received a degree of Bachelor of Arts representing a course of study approved by the Faculty, or must satisfy the Faculty that their education has been equal to that of graduates of the best New England colleges.

*Advanced Standing.* Candidates may be admitted to advanced standing upon satisfactory evidence by examination.

Graduates of other Theological Schools who have a degree of Bachelor of Arts representing a course of study approved by the Faculty, or who satisfy the Faculty that their education has been equal to that of graduates of the best New England colleges, and bring evidence of high standing in the schools from which they have graduated, may be admitted to the Senior Class without examination, and thus become candidates for the degree of Bachelor of Divinity.

*Special Students.* Persons not candidates for the degree of Bachelor of Divinity may be admitted to the School as Special Students on giving satisfactory evidence of such knowledge of Greek and Latin classics as is ordinarily required for admission to a New England college, and of proficiency in the Greek of the New Testament.

*Every student is expected to be present at the opening of each year.*

### COURSES OF INSTRUCTION.

The following Courses of Instruction are classed as full courses or half-courses, according to the estimated amount of work in each, and its value in fulfilling the requirements for the degree of Bachelor of Divinity. In the following list half-courses are expressly designated as such; all others are full courses, with the exception of the Courses of Research, which count towards the degree to an extent determined in each case by the instructor, but usually as full courses.

Students are free to choose any studies which they are qualified to pursue, but candidates for the degree are not allowed to neglect entirely any one of the following departments: Old Testament, New Testament, Church History, Theology, Homiletics. Students must in every case

leave with the Secretary at the beginning of the year, for the approval of the Faculty, lists of the courses which they propose to take.

### Old Testament.

1. Hebrew. Mitchell's Hebrew Lessons. Explanation of parts of Genesis and of the Psalm-book. *Mon., Wed., Fri., at 11.* Professor LYON.
2. Hebrew (second course). Interpretation of parts of the Prophets and Poetical Books. Text-criticism. *Tu., Th., at 3.30.* Professor TOY.
- 3<sup>2</sup> *hf.* Jewish Aramaic. Kautzsch's *Biblisch-Aramäische Grammatik.* — Interpretation of parts of Ezra, Daniel, and the Targums. *Half-course (second half-year).* *Mon., Wed., at 10.* Professor LYON.
4. History of Israel, political and social, till the death of Herod the Great. Text-books, lectures, and theses. *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Professor LYON.
- 5<sup>1</sup>. History of pre-Christian Hebrew Literature. *Mon., Tu., Wed., Th., at 2.30 (first half-year).* Professor TOY.  
This course is open to those only who have taken Course 4, or its equivalent.
6. History of the Hebrew Religion, with comparison of other Semitic religions. *Fri., 2.30-4.30.* Professor TOY.  
This course is open to those only who have taken Courses 4 and 5, or their equivalent.
7. Assyrian. Lyon's Assyrian Manual. Delitzsch's Assyrian Grammar. Abel and Winckler's *Keilschrifttexte.* *Mon., Fri., at 12.* Professor LYON.
8. Assyrian (second course). Delitzsch's Assyrian Grammar. The Chaldean Epic. Letters and Commercial Documents. *Mon., at 10, Fri., at 4.30.* Professor LYON.
20. Research courses. The instructors will arrange and supervise for any properly prepared student a line of special study on such topic as may be agreed on.

### SEMITIC CONFERENCE.

This Conference holds meetings twice a month throughout the academic year. The subject for 1897-98 is the names of Semitic deities. There will be essays and discussions. In addition to the regular work letters from foreign correspondents are read from time to time, and notes

are presented calling attention to new publications, to travels, explorations, and discoveries, and to additions to the Semitic Museum and the Semitic Library. The meetings are held in the Semitic Library-room.

#### AUXILIARY COURSES.

Other Semitic courses, offered by the Faculty of Arts and Sciences, and open (though reckoned for the degree of D.B. only under the conditions mentioned in the requirements for that degree) to students of the Divinity School, are: two in Arabic, one in Phœnician, one in Ethiopic, one on the Bagdad Califate, one on the Spanish Califate, one in the Talmud, and one in General Semitic Grammar, by Professor TOY; one on Babylonian-Assyrian history, and one in Assyrian Grammar, by Professor LYON. Full particulars in regard to these may be found in the Pamphlet of the Division of Semitic Languages and History, which may be obtained by application to the Corresponding Secretary of the University. This pamphlet gives a selected list of the books used in the various Semitic courses.

#### New Testament.

Courses marked with a † are given from time to time as the wishes of students and the engagements of the instructors determine. The treatment of these courses is to a considerable degree shaped by the wishes and needs of students.

- 1<sup>1</sup> *hf.* New Testament Times. — The political, social, moral, and religious condition of the world when Christ appeared. *Half-course (first half-year)*. *Mon., Wed., Fri., at 9.* PROFESSOR THAYER.
- 2<sup>2</sup> *hf.* New Testament Introduction. — The origin, contents, and history of the New Testament writings, together with the formation of the Canon. *Half-course (second half-year)*. *Mon., Wed., Fri., at 9.* PROFESSOR THAYER.
- 3<sup>1</sup> *hf.* Preparatory course. — General topics (including the characteristics of New Testament Greek and the elements of textual criticism); exegetical work begun. *Half-course (first half-year)*. *Mon., Wed. and (at the pleasure of the instructor) Fri., at 12.* MR. ROPES.
- †4<sup>2</sup> *hf.* The Teaching of Jesus as contained in the Parables. *Half-course (second half-year)*. *Twice a week.* MR. ROPES.
- 5<sup>2</sup> *hf.* The Synoptic Gospels, with special reference to the Synoptic Problem. *Half-course (second half-year)*. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 12.* MR. ROPES.
6. The Gospel and Epistles of John. *Twice a week.* PROFESSOR THAYER.

7. The Apostolic Age. — Study of the Acts of the Apostles. *Mon., Wed., at 3.30.* MR. ROPES.
8. Outline lectures on the life of Paul; Study of the four Great Epistles. *Tu., Th., at 11.* PROFESSOR THAYER.
9. The Minor Pauline Epistles. *Twice a week.* MR. ROPES.
- †10 *hf.* The Pastoral Epistles. *Half-course. Once a week.* MR. ROPES.
- †11. The Epistle to the Hebrews. *Twice a week.* PROFESSOR THAYER.
- 12 *hf.* The Catholic Epistles. *Half-course. Once a week.* MR. ROPES.
13. The Apocalyptic literature, with special study of the Revelation of John. *Tu., Th., at 12.* MR. ROPES.
- †14. Biblical Interpretation. — Its history, methods, principles, and their application in the study of difficult and debated New Testament passages. *Tu., Fri., at 12.* PROFESSOR THAYER.
- †15. Biblical Theology of the New Testament, centring upon the doctrines of sin and redemption. *Mon., Wed., at 10.* PROFESSOR THAYER.
- †16 *hf.* History of the English Bible, with detailed study of the Revised New Testament. *Half-course. Once a week.* PROFESSOR THAYER.
- †17 *hf.* Modern Lives of Christ. *Once a week.* PROFESSOR THAYER.  
This may be counted as a half-course only on sufficient and satisfactory independent work in the same line by the student.
- †18 *hf.* Biblical Geography and Archaeology. *Once a week.* PROFESSOR THAYER.  
This may be counted as a half-course only on sufficient and satisfactory independent work in the same line by the student.
- †19 *hf.* Selections from the Septuagint, with special reference to the use made of the Old Testament in the New. *Half-course. Once a week.* PROFESSOR THAYER.
- †21 *hf.* Selections from Greek and Latin writers of special interest to students of the New Testament. *Half-course. Fri., at 10.* PROFESSOR THAYER.

For example:—

- a. Plutarch on the Delay of the Deity in the punishment of the wicked.
- b. Philo's *Legatio ad Gaium* and *In Flaccum*.
- c. Josephus against Apion.
- d. Selections from the Apocrypha of the Old Testament and of the New.
- e. Selections relating to the early history of the Canon.
- f. The *Octavius* of Minucius Felix, the *Apologeticus* of Tertullian, the correspondence of Pliny and Trajan.

- 22<sup>1</sup> *hf.* Classical Aramaic (Syriac). Roediger's *Chrestomathia Syriaca*, ed. 3. The Peshitto version of the New Testament. *Half-course (First half-year)*. *Mon., Wed., at 10.* Professor LYON.
20. Advanced study and research on such topics as the antecedents and aims of individual students may render advisable. Professor THAYER.

#### NEW TESTAMENT CONFERENCE.

This Conference meets on the second and fourth Monday evenings of every month to hear and discuss papers upon topics relating to the New Testament.

[*Professor Thayer's courses will be omitted in 1898-99.*]

#### Church History.

1. History of the Early Church, with special reference to the patristic literature. *Wed., Fri., at 2.30.* Asst. Professor PLATNER.
2. The Mediaeval Church. — Formation of national churches in the Germanic states; establishment of the mediaeval papacy and its development to be the controlling force in European affairs; the Holy Roman Empire. *Tu., Th., at 9.* Professor EMERTON.
3. The Era of the Reformation in Europe, from the rise of Italian Humanism to the close of the Council of Trent, 1350-1563. *Tu., Th., at 11.* Professor EMERTON.
4. History of the Church since the Reformation. *Wed., Fri., at 9.* Asst. Professor PLATNER.
- [5. History of Christian Doctrines. *Tu., Th., at 9.* Professor EMERTON.]  
Omitted in 1897-98.
- 6<sup>2</sup> *hf.* Selected topics from the Canon Law, with reference also to the principles of Protestant Church Law. *Half-course (second half-year)*. *Tu., Th., at 2.30.* Professor EMERTON.
- 7<sup>1</sup> *hf.* Documents relating to ancient Church History (A). *Half-course (first half-year)*. *Twice a week.* Asst. Professor PLATNER.  
In 1897-98, readings from Preuschen's *Analecta*.
- 8<sup>2</sup> *hf.* Documents relating to ancient Church History (B). *Half-course (second half-year)*. *Mon., Wed., at 1.30.* Asst. Professor PLATNER.  
In 1897-98, the rules of faith and creeds of the early church.



20. Advanced study and research in connection with the Seminary in Mediaeval History. Special topic: The "Erasmian Reform." *Once a week, two successive hours.* Professor EMERTON.

### Social Questions.

1. The Ethics of the Social Questions. — The modern social questions: Charity, the Family, Temperance, and various phases of the Labor question, in the light of ethical theory. — Lectures, special researches, and required reading. *Tu., Th., Sat., at 10.* Professor PEABODY.
20. Sociological Seminary. — Subject for the year: The Christian doctrine of the social order. *Tu., 7.15-9.15 P.M.* Professor PEABODY.

### Comparative Study of Religions.

1. Comparative Study of Religions, particularly the Vedic Religion, the Hindu Philosophies, Buddhism, Mazdaism, and the Chinese Religions. *Th., Sat., at 9.* Professor EVERETT.

### Theology.

- 2 *hf.* The Psychological Elements of Religious Faith. *Half-course.* *Tu., at 9.* Professor EVERETT.
3. Systematic Theology. — Theism and the special content of Christian faith. An elaborate essay on some theological subject is expected from each student taking this course. *Mon., Wed., Fri., at 11.* Professor EVERETT.

When Courses 2 and 3 are both taken, together or successively, they will together count as two courses.

### Homiletics and Pastoral Care.

- 1 *hf.* The Structure and Analysis of Sermons. *Half-course.* General exercise, *Fri., at 10.* Asst. Professor HALE.
- 2 *hf.* Each student writes five or six sermons during the year, three of which are preached before the class and criticized by students and instructor [in Appleton Chapel on *Mon., at 2.30*]; and the rest criticized privately [*Wed., at 12*], as to composition and delivery, in preparation for the public preaching named below. This course may be taken twice. *Half-course.* Professor PEABODY and Asst. Professor HALE.

[Continued on page 500.]

## TABULAR VIEW OF THE EXERCISES IN HARVARD DIVINITY SCHOOL. 1897-98.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	New Test. 11, 2 <sup>o</sup> .	Church History 2. Theology 2. Homiletics 5.	New Test. 11, 2 <sup>o</sup> . Church History 4.	Church History 2. Comp. Religion. Homiletics 5.	New Test. 11, 2 <sup>o</sup> . Church History 4.	Comp. Religion.
10-11	Old Testament 8.	Social Questions 1.	New Testament 22. Homiletics 3.	Social Questions 1.	Homiletics 1.	Social Questions 1.
11-12	Old Testament 1. Theology 3.	Old Testament 4. New Testament 8. Church History 3.	Old Testament 1. Theology 3.	Old Testament 4. New Testament 8. Church History 3.	Old Testament 1. Theology 3.	Old Testament 4.
12-1	New Test. 31, 5 <sup>o</sup> .	New Testament 13.	New Test. 31, 5 <sup>o</sup> . Hom. 2 ( <i>private criticism</i> ).	New Testament 13.	New Test. 31, 5 <sup>o</sup> .	
1.30-2.30	Church History 9 <sup>o</sup> .	Elocution ( <i>general exercise</i> ).	Church History 9 <sup>o</sup> .			
2.30-3.30	Old Testament 51. Homiletics 2.	Old Testament 51. Church History 9 <sup>o</sup> . Elocution.	Old Testament 51. Church History 1.	Old Testament 51. Church History 9 <sup>o</sup> .	Old Testament 6. Church History 1.	
3.30-4.30	New Testament 7.	Old Testament 2. Elocution.	New Testament 7.	Old Testament 2.	Old Testament 6.	
4.30-5.30	*				Old Testament 8.	

1 First half-year.

2 Second half-year.

- 3 *hf.* The Minister as Pastor, and the History of Christian Worship.  
*Half-course. Wed., at 10. Professor PEABODY.*
- [4 *hf.* The Minister as Preacher, and the History of Christian Preaching.  
*Half-course. Wed., at 10. Professor PEABODY.]*  
Omitted in 1897-98.  
Courses 3 and 4 are given in alternate years.
5. The Minister as Organizer and Director of Church Activities. *Tu., Th., at 9. Asst. Professor HALE.*

#### Elocution.

Dr. CURRY meets the students, individually or in groups, for instruction in Vocal Training and Expression, *Tu., 2.30-5.30.*

#### General Exercises.

Evening Prayers, conducted by professors and students.

Worship and Preaching conducted by students in the Chapel of the School. Open to the public. *Fri., at 7.30 P. M.*

Meetings for Religious Conference, conducted by students. *Once in two weeks. Wed., at 4.30.*

#### Instruction in other Departments of the University.

Students of the Divinity School in regular standing are entitled to attend, without extra charge, any exercises in the College, or other departments of the University, for which they may show themselves fitted; except exercises in laboratories. This provision does not apply to Special Students unless they pay fees varying according to the amount of instruction taken.

The Hemenway Gymnasium is open to members of this School, without extra charge.

#### THE LIBRARY.

The School has a theological library consisting of about 27,500 volumes and 5600 pamphlets. It is classified in about seventy departments, with many sub-divisions. The classification is carried very much farther in a carefully prepared subject card catalogue, in which a book appears under every general subject of which it treats. In this way it is intended to have an index to everything of importance in any volume in the Library. This catalogue is not yet complete, covering now rather more than two thirds of the Library. There is also a card catalogue of authors.

The main part of the Library is stored in a fire-proof stack-room, and books can be borrowed from it during the day. About 2200 volumes are

kept in the reading-room, where students have access to them during the day and evening. About 400 volumes of these are reference books; the others are volumes selected by the professors as those most referred to by them, or those which for other reasons they desire to have readily accessible to the students for consultation.

The students of the Divinity School have the right to use the College Library in Gore Hall, which contains about 356,000 volumes and is rich in theological literature. There is in the Divinity School Library a card catalogue of all recent theological works acquired by the College Library.

## DEGREES.

### Degree of Bachelor of Divinity.

Students properly qualified, who have been registered in the School for not less than one year, and have passed satisfactorily examinations on the work of fourteen courses and on the German language, may receive the degree of **BACHELOR OF DIVINITY**. Not more than six courses may be offered for the degree in any one year.

In the selection of his studies the student may choose two courses included in the announcement of the Faculty of Arts and Sciences, and not included in that of the Divinity School. Such courses must in each case be approved for the purpose by the Faculty of the Divinity School.

Students who are Bachelors of Arts of Harvard College, and have counted Divinity School courses for the degree of Bachelor of Arts, may, upon the special approval of the Faculty, be allowed to count for the degree of Bachelor of Divinity an equal number of College courses not previously counted for the degree of Bachelor of Arts.

### Degrees of Master of Arts and Doctor of Philosophy.

Students who are qualified under the conditions required by the Faculty of Arts and Sciences may receive the degree of **MASTER OF ARTS**, after pursuing for one year at the School a course of theological study accepted by the Administrative Board of the Graduate School of the University as suitable and sufficient for the purpose, and passing with high credit an examination on the same. Work counted for this degree cannot be counted for the degree of Bachelor of Divinity.

Students in the Divinity School who are qualified under the conditions required by the Faculty of Arts and Sciences may receive the degree of **DOCTOR OF PHILOSOPHY** after pursuing studies belonging to some one of the following fields: Semitic studies, Biblical and Patristic Greek, Church History, Theology, Sociology.

The examinations for the degree of Ph.D. are conducted by the appropriate Divisions of the Faculty of Arts and Sciences, according to the

special regulations of each Division. The Divisions having the above-mentioned subjects in charge are the following: Semitic Languages and History, Ancient Languages, History and Political Science, Philosophy.

Recommendations for the degrees of Master of Arts and Doctor of Philosophy must proceed from the Faculty of Arts and Sciences, and must be conformed to the requirements maintained by that Faculty (see pp. 433-436). For the degree of Ph.D., at least two years of specially approved and directed advanced study, one of which must be spent at Harvard University, are required of students already qualified for candidacy for this degree.

Any student who desires to become a candidate for the degree of Master of Arts or Doctor of Philosophy should communicate as early as possible with the *Dean of the Graduate School*.

#### **Certificates.**

Students who are not candidates for a degree, and who have passed a satisfactory examination in one or more subjects, are entitled to a certificate, stating the length of time they have been members of the School, and specifying the subjects in which they have been examined.

#### **PRIZES.**

Students in the Divinity School may compete for the Dante, Toppan, and Sumner Prizes (see pp. 440-444).

#### **SCHOLARSHIPS AND OTHER PECUNIARY AID.**

With the single exception named in connexion with the Williams Fund (that the recipient of that fund must be a Protestant), the pecuniary aid furnished by the School is given without regard to denominational differences.

No person proposing to enter the School may expect to receive aid, unless he can show a record of at least seventy-five per cent., or its equivalent, on his College examinations, and by his character, and in other respects, gives promise of usefulness, and unless he can give evidence that he needs such help.

If the work in the School of any student who has received help falls below the standard named, or if his course proves in any respect unsatisfactory, such help will be discontinued.

Resident Graduates, not Williams Fellows, stand on the same footing as other students in regard to scholarships and other pecuniary aid.

Applications for the Williams Fellowships, for scholarships, or for other pecuniary aid must be made upon blanks to be obtained from the Secretary

of the Faculty; they must be accompanied by testimonials, and applicants for the Williams Fellowships must also submit specimens of their work. Applications should be sent to the Secretary of the Faculty, and be received by him not later than *March 31*.

The funds applicable to beneficiary purposes are as follows:—

1. Ten Scholarships established in the School, varying in their annual income from one hundred to two hundred dollars. They are assigned by the President and Fellows on the recommendation of the Faculty.

These scholarships are:—

The CHAPMAN SCHOLARSHIP, founded by the Rev. George Chapman, with an income of one hundred dollars.

TWO CARY SCHOLARSHIPS, founded by Thomas Cary, Esq., with an income of one hundred and twenty dollars each.

FOUR SCHOLARSHIPS ON THE JACKSON FOUNDATION, founded by Miss Sarah Jackson, with an income of one hundred and sixty dollars each.

The CLAPP SCHOLARSHIP, founded by Joshua Clapp, Esq., with an income of one hundred and eighty dollars.

The KENDALL SCHOLARSHIP, founded on the donation of Miss Nancy Kendall, with an income of one hundred and forty dollars.

The JONAS H. KENDALL SCHOLARSHIP, founded by Jonas H. Kendall, Esq., with an income of two hundred dollars.

2. The income of the BEQUEST OF ABNER W. BUTTRICK, Esq., of Lowell, is awarded by the President and Fellows "to such deserving young men as they shall select, to aid them in preparing and educating themselves for the ministry of the Gospel." The annual income of this bequest is about six hundred and forty dollars.

3. The income of the WILLIAM POMROY FUND, amounting to about fifty dollars.

4. Six HOPKINS SCHOLARSHIPS, awarded by a Board of Trustees to six students, needing aid, who must have received the degree of A.B., who have given evidence of diligent and successful study, and who receive no money or remuneration for services from the University. The shares will probably amount to about three hundred and fifteen dollars each.

5. The income of the WILLIAMS FUND is awarded, by the Society for Promoting Theological Education, to students recommended by the Faculty, who comply with the requisitions of that Society. According to the terms of this bequest, the income is to be given to "such indigent students of Theology, resident in Cambridge, as shall be preparing themselves for the ministry, and shall be deemed most meritorious and worthy of assistance;" and "no student shall be debarred of this charity by reason of not having had a degree at a college, or being educated at

any other college, or entertaining any peculiar modes of faith, it being always understood that he must be a Protestant."

For the year 1897-98 two Resident Williams Fellowships of \$400 each are offered to graduates of this or any other Theological School who purpose to enter the Christian ministry. These Fellowships are intended to encourage advanced theological work of a high order.

The income of the Williams Fund amounts to about four thousand dollars.

The incomes from these various sources, exclusive of the Hopkins Scholarships and the Williams Fellowships, may be so combined that a student who needs and merits help may receive from \$150 to \$250.

### FEES AND EXPENSES.

The annual fee for tuition is *one hundred and fifty dollars*, but for Resident Graduates and Special Students not doing full work the fee will vary according to the number of courses taken; the charge for each full course being \$45, and for each half-course \$25, the minimum charge to any student being \$30, and the maximum \$150. A student who joins the Divinity School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Secretary of the Faculty; otherwise he will be charged for instruction to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends *December 31*. The second third begins *January 1* and ends *March 31*. The last third begins *April 1* and ends at *Commencement*.

Every student must file a bond with the Bursar in the sum of *two hundred dollars*, signed by two bondsmen, one of whom must be a citizen of the United States, as security for the payment of his dues to the University; or he may deposit with the Bursar *two hundred dollars* in money or in United States bonds, for the same purpose; or he may deposit *fifty dollars* as security, and pay his tuition fees in advance as follows:—one third on or before *October 1*, one third on or before *January 1*, and one third on or before *April 1*. Any student who takes advantage of the last rule must pay in advance the full year's rent of any room which may be assigned to him, and, if he boards at Memorial Hall or at the Foxcroft Club, he must make a deposit at the rate of five dollars a week in advance. Interest is not allowed on deposits. Every student who lives in a college room or boards at Memorial Hall or the Foxcroft Club must file a bond in the sum of four hundred dollars, or pay rent for the year in

advance, and make a deposit with the Bursar as security for the payment of his board at the rate of five dollars a week.

No officer or student of the University will be accepted as a bondsman.

Term bills are issued on February 1 and one week before Commencement, and must be paid on or before *February 21* and *October 10*, respectively, but the second bills of candidates for degrees must be paid at least *one day before Commencement*. The first bill, issued February 1, will contain two thirds, and the second bill will contain one third, of the annual charges. When a student severs his connexion with the School, his whole bill becomes payable at once.

The average expenses of a student for the year are :—

For rent and care of room . . . . .	\$60.00
For tuition . . . . .	150.00
For board, 38 weeks . . . . .	152.00
For fuel . . . . .	15.00
	\$377.00

The expenses of furniture, washing, and lights are to be added to the above amounts.

Students can board at cost by joining the Association which uses the dining-room of Memorial Hall. The cost of board here is expected not to exceed \$4.15 per week. The membership is limited, and application should be made before September 15, to the Auditor of the Dining Association, Memorial Hall.

Board can also be obtained, for from \$2.50 to \$3.00 per week, at the Foxcroft Club, which is a coöperative organization furnishing simple articles of food to order at cost. Application should be made early to the Secretary of the Foxcroft Club.

Divinity Hall, the dormitory of the Divinity School, contains 43 rooms; Divinity House, in the rear of Divinity Hall, contains 5 rooms. All these rooms are primarily reserved for students of the Divinity School, and will not be assigned to other students until the Thursday on which the academic year begins. On that day a list of the rooms not previously engaged will be posted at the Bursar's office, and applications may be made to him. The Dean of the Divinity School, however, reserves the right of discriminating between applications as the interests of the School may in his judgment dictate.

The rooms are unfurnished. A "Loan Furniture System" has been established in the University by private generosity, providing students of strictly limited means with sets of furniture at an annual charge of five dollars. About seventy sets of excellent furniture are thus distributed. Students of the Divinity School may take advantage of this system.



Application should, however, be made as early as possible, and may be made through the Secretary of the Faculty.

The rooms range in price as follows :—

\$40.	Divinity Hall Nos. 6, 10; Divinity House No. 4.
\$45.	“ “ “ 4, 5, 9, 12.
\$50.	“ “ “ 2, 3, 11, 14.
\$55.	“ “ “ 1, 13; Divinity House No. 2.
\$60.	“ “ “ 20, 24, 34, 38, A; Divinity House No. 5.
\$65.	“ “ “ 18, 26, 28, 32, 40, 42; Divinity House No. 1.
\$70.	“ “ “ 7, 8, 21, 22, 35, 36.
\$75.	“ “ “ 16, 27, 30, 41; Divinity House No. 3.
\$80.	“ “ “ 15, 17, 19, 23, 25, 29, 31, 33, 37, 39.

N. B. In each case the price is for the whole room from the beginning of the academic year until the next Commencement, and includes the daily care of the room.

*Applications for rooms should be made as early as possible in order that a choice may be secured.*

*The Bursar may cancel the assignment of a room to any student who does not take possession of it on or before the first day of October.*

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The Dean of the Faculty of Divinity is at Room 1, Divinity Library, Monday, Wednesday, and Friday, at 12, and Tuesday, Thursday, and Saturday, at 10. The Secretary of the Faculty is at the Library daily from 9 to 1.

Information not contained in the Catalogue or in the special pamphlet of the School will be furnished, if desired, by ROBERT S. MORISON, Secretary of the Faculty.

# THE LAW SCHOOL.

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The Law School was established in 1817, being the earliest school in the country connected with a university and authorized to confer degrees in Law.

From 1839 to 1870 the curriculum was two years, or four terms, the lectures of one year not being given in the other year. Few persons took the full course, the degree of BACHELOR OF LAWS being conferred upon all persons who were members of the School for eighteen months, or three terms. In 1870 the course prescribed for the degree was lengthened to two years, and all the subjects of each year were taught every year. The present three years' course dates from 1877. There were no examinations for the degree until June, 1871, and none for admission until 1877. Special Students were admitted without examination as late as 1893. At the beginning of the year 1896-97, the rule came into force by which only graduates of approved colleges (see below) and persons qualified to enter the Senior class of Harvard College are admitted as regular students.

DANE HALL, the first building erected for the use of the Law School, was completed in 1832, and enlarged in 1845. AUSTIN HALL, the present commodious home of the School, standing in Holmes Place, Cambridge, was finished in 1883.

## THE FACULTY OF LAW.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.  
JAMES BARR AMES, A.M., LL.B., DEAN, and *Bussey Professor of Law.*  
CHRISTOPHER COLUMBUS LANGDELL, LL.D., *Dane Professor of Law.*  
JAMES BRADLEY THAYER, LL.D., *Weld Professor of Law.*  
JEREMIAH SMITH, LL.D., *Story Professor of Law.*  
JOHN CHIPMAN GRAY, LL.D., *Royall Professor of Law.*  
EUGENE WAMBAUGH, LL.D., *Professor of Law.*  
JOSEPH HENRY BEALE, JR., A.M., LL.B., *Professor of Law.*  
SAMUEL WILLISTON, A.M., LL.B., *Professor of Law.*  
FRANK BEVERLY WILLIAMS, A.M., LL.B., *Assistant Professor of Law.*

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EZRA RIPLEY THAYER, A.M., LL.B., *Instructor in Massachusetts Practice.*

CHARLES BENJAMIN BARNES, JR., LL.B., *Instructor in Suretyship.*

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JOHN HIMES ARNOLD, *Librarian.*

EUGENE ALLEN GILMORE, A.B., *Secretary.*

**ADMISSION OF STUDENTS.**

Persons wishing to enter the Law School as First-Year Students or as Special Students must register between Commencement Day and the first day of December following.

The following persons will be admitted without examination as candidates for the degree of Bachelor of Laws upon producing their diplomas :

I. \* Bachelors of Arts of the following Colleges :

Acadia,	Dickinson,
University of Alabama,	Drake University,
Albion,	Earlham,
Alfred University,	Georgetown,
Allegheny,	University of Georgia,
Amherst,	Hamilton,
Antioch,	Hanover,
Bates,	Harvard University,
Beloit,	Haverford,
Boston University,	Hillsdale,
Bowdoin,	Hobart,
Brown University,	Illinois,
Buchtel,	University of Illinois,
Bucknell University,	University of Indiana,
University of California,	Iowa,
Carleton,	State University of Iowa,
Central University,	Johns Hopkins University,
Centre,	University of Kansas,
University of Chicago,	Kenyon,
University of Cincinnati,	Kings,
Colby University,	Knox,
Colgate University,	Lafayette,
University of Colorado,	Lake Forest University,
Columbia,	Lehigh University,
Columbian University,	Leland Stanford Jr. University,
Cornell College,	Marietta,
Cornell University,	McGill University,
Dalhousie,	Miami University,
Dartmouth,	University of Michigan,
Delaware,	Middlebury,
Denison University,	University of Minnesota,
De Pauw University	University of Mississippi,

\* This list has been made chiefly from the Colleges whose graduates have entered the School in recent years. It is accordingly not intended to be exhaustive, and will doubtless be enlarged from time to time. Graduates of Colleges not here mentioned are advised to communicate with the Dean of the Faculty of Law before making formal application for admission as candidates for a degree.

University of Missouri,	Swarthmore,
Mt. Allison,	Syracuse University,
Mt. Union,	University of Texas,
University of Nebraska,	University of Toronto,
University of New Brunswick,	Trinity (Ct.),
College of the City of New York,	Tufts,
University of the City of New York,	Tulane University of Louisiana,
University of North Carolina,	Union,
Northwestern University,	Vanderbilt University,
University of Notre Dame (Ind.),	University of Vermont,
Oberlin,	Victoria University,
Ohio State University,	University of Virginia,
Ohio Wesleyan University,	Washington University (Mo.),
Olivet,	Washington and Jefferson,
University of Oregon,	Wesleyan University (Ct.),
University of Pennsylvania,	Western Reserve University,
Princeton University,	Western University of Pennsylvania,
Racine,	Williams,
University of Rochester,	University of Wisconsin,
Rutgers,	Wittenberg,
St. Lawrence University,	University of Wooster,
University of the South,	Yale University.
University of South Carolina,	

II. \* Bachelors of Literature of the following Colleges :

University of California,	University of Minnesota,
University of Cincinnati,	University of Missouri,
Cornell University,	Northwestern University,
Dartmouth,	University of Wisconsin.
University of Michigan,	

III. \* Bachelors of Philosophy of the following Colleges :

Albion,	State University of Iowa,
Alfred University,	University of Michigan,
Beloit,	Northwestern University,
Boston University,	Oberlin,
Brown University,	Ohio State University,
University of California,	University of Pennsylvania,
University of Chicago,	Union,
Cornell University,	University of Vermont,
Delaware,	Wesleyan University (Ct.),
DePauw University,	University of Wooster,
Drake University,	Yale University.
Iowa,	

\* See foot-note on page 508.

## IV. \* Bachelors of Science of the following Colleges :

Amherst,	Massachusetts Institute of Tech-
Bowdoin,	nology,
Carleton,	University of Michigan,
University of Chicago,	University of Minnesota,
University of Cincinnati,	Northwestern University,
Cornell University,	Oberlin,
Dartmouth,	Ohio State University,
Harvard University,	University of Pennsylvania.
State University of Iowa,	

## V. Persons qualified to enter the Senior Class of Harvard College.

**Special Students.**

The following persons will be admitted as Special Students :

I. Holders of academic degrees in Arts, Literature, Philosophy or Science who are not admissible as candidates for a degree.

II. Graduates of Law Schools which confer the degree only after an examination upon a two years' course of at least seven months in each year.

III. Persons who pass a satisfactory examination in the following subjects : —

1. **LATIN.** Candidates will be required (1) to translate (without the aid of grammar or dictionary) passages selected from the following books : Caesar's *Commentaries on the Gallic War*, Books I-IV, and Cicero's *Four Orations against Catiline*, and his *Oration for Archias*;— and (2) to translate at sight average passages from Caesar and from Cicero's *Orations*.

2. **FRENCH.** Candidates will be required to translate (without the aid of grammar or dictionary) passages from standard French prose authors; and also to render passages of easy English prose into French.

The Faculty will, at its discretion, permit some other modern language to be substituted for French.

3. **BLACKSTONE'S COMMENTARIES** (exclusive of editor's notes).

Special Students may at any time during the course entitle themselves to enrolment as regular students, either by becoming qualified to enter the Senior Class of Harvard College or by receiving a degree from a college in the preceding list of selected colleges.

\* See foot-note on p. 508.

Two examinations for admission are held each year: one at the beginning of the summer vacation; the other at the beginning of the academic year in the autumn.

In 1898, the *first examination* will be held on Thursday and Friday, June 30 and July 1, at Austin Hall, Cambridge, and also at the places (see pp. 284, 285) *at which examinations for admission to Harvard College and the Lawrence Scientific School are to be held.*

The *second examination* will be held in Cambridge only, on Thursday and Friday, September 29 and 30.

Candidates who are allowed to substitute some other language for French will be examined in such language at the second examination only. *No person will be examined at any time or place other than as above specified.*

#### ORDER OF EXAMINATIONS.

*Thursday, June 30, and Thursday, September 29: — 9 A.M., Latin; 2.30 P.M., French.*

*Friday, July 1, and Friday, September 30: — 9 A.M., Blackstone.*

Applicants are required, before examination, to produce certificates of good moral character, and to give two references for further information.

#### Advanced Standing.

Any person who has been in regular attendance at another law school for at least one academic year of not less than seven months will, if otherwise entitled to admission to the school as a regular student, be admitted to the second-year class upon passing a satisfactory examination in the studies of the first year. This examination will require a thorough knowledge of the following books: *Gray's Cases on Property*, vols. 1, 2; *Cases on Contracts*: Langdell, vol. 1, (2d ed.), and Williston, vol. 2; *Cases on Torts*: Ames, vol. 1, (2d ed.), and Smith, vol. 2; *Beale's Cases on Criminal Law*; *Ames's Cases on Pleading*. The examination is by printed questions, which the candidates answer in writing in the presence of the examiner.

The examination for admission to advanced standing in the year 1898 will be held in Austin Hall, Cambridge, on Thursday and Friday, September 29 and 30, beginning at 9 A.M. on Thursday. No applicant will be examined at any other time.

## PROGRAMME OF INSTRUCTION.

The design of this School is to afford such a training in the fundamental principles of English and American Law as will constitute the best preparation for the practice of the profession in any place where that system of law prevails. With this view, the programme of study, which is designed to occupy the student three full years, will comprise the following subjects:—

## FIRST YEAR.

- Contracts. Professor AMES. *Three hours a week. Cases on Contracts: Langdell, vol. 1 (2 ed.), Williston, vol. 2.*
- Criminal Law and Procedure. Professor BEALE. *Two hours a week. Beale's Cases on Criminal Law.*
- Property. Professor GRAY. *Two hours a week. Gray's Cases on Property, vols. 1, 2.*
- Torts. Professor SMITH. *Two hours a week. Cases on Torts: Ames, vol. 1 (2d ed.), Smith, vol. 2.*
- Civil Procedure at Common Law. Professor BEALE. *One hour a week. Ames's Cases on Pleading.*

## SECOND YEAR.

- Agency. Professor WAMBAUGH. *Two hours a week. Wambaugh's Cases on Agency.*
- Bills of Exchange and Promissory Notes. Asst. Professor WILLIAMS. *Two hours a week. Ames's Cases on Bills and Notes.*
- Carriers. Professor BEALE. *One hour a week. McClaine's Cases on Carriers.*
- Contracts and Quasi-Contracts. Professor WAMBAUGH. *Two hours a week. Keener's Cases on Quasi-Contracts.*
- Evidence. Professor THAYER. *Two hours a week. Thayer's Cases on Evidence.*
- Insurance—Marine, Fire, and Life. Professor WAMBAUGH. *Two hours a week. Wambaugh's Cases on Insurance.*
- Jurisdiction and Procedure in Equity. Professor LANGDELL. *Two hours a week. Langdell's Cases in Equity Pleading.*
- Property. Asst. Professor WILLIAMS. *Two hours a week. Gray's Cases on Property, vols. 3, 4.*
- Sales of Personal Property. Professor THAYER. *Two hours a week. Williston's Cases on Sales.*
- Trusts. Professor AMES. *Two hours a week. Ames's Cases on Trusts (2d ed.).*

[Damages. *Two hours a week for half the year.* Beale's *Cases on Damages.*]

Omitted in 1897-98.

[The Interpretation of Statutes.\* *One hour a week.*]

Omitted in 1897-98.

Law of Persons. Professor SMITH. *One hour a week.*

### THIRD YEAR.

Conflict of Laws and International Law.\* Professor BEALE. *Two hours a week.*

Constitutional Law. Professor THAYER. *Two hours a week.* Thayer's *Cases on Constitutional Law.*

Corporations. Professor SMITH. *Two hours a week.* Smith's *Cases on Corporations.* Smith's *Cases on Municipal Corporations.*

Jurisdiction and Procedure in Equity.\* Professor LANGDELL. *Two hours a week.*

Partnership. Professor AMES. *Two hours a week.* Ames's *Cases on Partnership.*

Property. Professor GRAY. *Two hours a week.* Gray's *Cases on Property*, vols. 5, 6.

Comparative Jurisprudence.\* Professor GRAY. *One hour a week.*

Roman Law — selected topics.\* Asst. Professor WILLIAMS. *Two hours a week.*

Suretyship. Mr. BARNES. *One hour a week.* Ames's *Cases on Suretyship.*

[Mortgages.\* Asst. Professor WILLIAMS. *Two hours a week.*]

Omitted in 1897-98.

### EXTRA COURSES.

Massachusetts Practice. Mr. THAYER. *One hour a week.*

[Civil Procedure under the New York Code. *Not less than thirty hours.*]

Omitted in 1897-98.

No examination will be held in the extra courses, and they will not count towards a degree.

In addition to the foregoing third-year subjects, third-year students may elect any second-year subjects which they have not taken in their second year.

*Every candidate for a degree will be required to take all the subjects of the first year, and, after June, 1898, ten hours a week in each of the last two years. In June, 1898, only eight hours in the third year will be required of candidates for the ordinary degree.*

\* No text-book.



### **Instruction in other Departments of the University.**

The instruction given in the other departments of the University, with the exception of exercises carried on in the special laboratories, is also open, without additional charge, to students of the Law School. Among the numerous courses of instruction (about four hundred in all) provided by the Faculty of Arts and Sciences, those upon Political Economy and History are particularly suitable for Law Students; but many other courses, such as those upon English Literature, Modern Languages, Philosophy, and Physical Science, may be useful to students whose previous opportunities have been limited. Those who wish to avail themselves of these privileges must procure from the Dean a certificate of membership of the School.

The Hemenway Gymnasium is open to members of this School, without extra charge. Each student is entitled to a thorough personal examination by the Director and to special direction and advice as to the form and amount of physical exercise best suited to his case.

### **LIBRARIES.**

The Library of the Law School contains over 42,000 volumes, and is liberally administered in the interests of the students. Between 1 September 1870 and 1 September 1890, about three thousand dollars a year on an average were spent in increasing and improving it. Since 1 September 1890, the average annual expenditure has been more than doubled.

Students in the Law School have the right to use the College Library in Gore Hall.

### **DEGREES.**

#### **Degree of Bachelor of Laws.**

The requirements for the degree of **BACHELOR OF LAWS** in point of age, length of residence at the School, and the passing of examinations are as follows:—

**AGE.** At the time of receiving the degree one must have attained the age of twenty-one years.

**LENGTH OF RESIDENCE.** Regular students who entered the first year class since May 1, 1897, and all special students must remain at the School three full years. In rare cases and for cogent reasons submitted to the Faculty, regular students may be permitted to be absent from the School during one of the last two years. Students admitted to Advanced Standing after a year's residence at another law school and regular students, who entered the first year class before May 1, 1897, must attend the School two full years.

**EXAMINATIONS.** To receive the degree of Bachelor of Laws it is necessary to pass satisfactory examinations in the entire course of three years, Special Students being required to obtain a mark within five per cent. of that demanded for the honor degree. Students who pass these examinations with distinguished excellence will receive the degree of Bachelor of Laws, *cum laude*.

The examinations in the studies of the second and third years must be passed at the end of each year respectively.

The examinations in first-year subjects may be taken at the end of the year or in the first three days of the academic year following.

No student who fails to pass an examination annually in at least three full courses or their equivalent will be allowed, unless by a special vote of the Faculty, to continue in the School, or to rejoin it at any subsequent time, unless at some regular examination he obtain a general average, on the entire work of the year in which he failed, at least ten per cent. higher than the usual passing mark.

No student who has more than one condition standing against him on the work of the first two years, will be allowed to register as a third-year student, or to graduate at the end of his third year.

He may, however, although registered as a second-year student, take and count towards his degree a limited number of the third-year subjects, the number varying according to the number of his conditions.

Every person who, while a member of the School, shall pass a satisfactory examination in one or more subjects, will be entitled to a certificate, stating the length of time he has been a member of the School and specifying the subjects in which he has passed an examination.

### Degree of Master of Arts.

The requirements for the degree of MASTER OF ARTS are regulated by the Faculty of Arts and Sciences; and recommendations for the degree are made by that Faculty. For a statement of the qualifications for candidacy and of requirements for the degree, see pages 429, 433.

The Faculty of Arts and Sciences approves, at its discretion, studies pursued in the Law School as constituents of the one year's course of liberal study to be pursued by candidates for the degree of Master of Arts; but no study in the Law School is approved as part of such one year's course unless the Faculty is satisfied that the candidate offering it has no intention or expectation of counting the same study towards the degree of Bachelor of Laws.

### SCHOLARSHIPS AND OTHER PECUNIARY AIDS.

A limited number of SCHOLARSHIPS, of the annual value of one hundred and fifty dollars each, are awarded to meritorious students standing in need of such assistance, who have been in the School one full year at least, and who intend to remain in the School another full year at least. The award will be made by the Corporation, on the recommendation of the Faculty, at the beginning of each academic year. Two thirds of the annual value of the scholarships are paid on the 21st of February, and one third immediately after the issue of the June term-bill. Applications for these scholarships must be made in writing, to the Dean, by *the first of June*. In making the award a preference will be given to members of the third-year class; and no scholarship will be granted to a member of the second-year class unless he intends to remain in the School until he completes the course.

The income of the JOHN FOSTER FUND, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance.

### FEEES AND EXPENSES.

The tuition fee is one hundred and fifty dollars a year. There are no *extra* charges in the School.

The other expenses of a student for an academic year may be estimated as follows:—

Rent and care of a furnished room . . .	\$22 to \$150
Board for thirty-eight weeks . . . . .	114 to 266
Fuel and Lights . . . . .	11 to 25
Text Books (average for 3 years) . . . . .	30 . . . 30

\$177 to \$471

Board at cost can be obtained at Memorial Hall by members of the Law School. It is expected that the cost per week will not exceed four dollars and fifteen cents. Applications for seats should be made before September 15, 1898, to the Auditor of the Dining Association, Memorial Hall. The Foxcroft Club, a coöperative organization having commodious quarters near the School, is open to Law students. Separate articles of wholesome food are furnished to order at cost, making it possible to board at the Club for from \$2.50 to \$3.00 a week.

The term-bills are issued February 1, and one week before Commencement, and are to be paid respectively on or before *February 21* and *October 10*; but the second bill of all candidates for degrees must be paid at least *one day before Commencement*. The first bill will contain

two thirds; and the second bill one third of the annual charges. When a student severs his connexion with the School, his whole bill becomes payable at once.

A student who joins the Law School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if, before that time, he gives written notice of his withdrawal to the Dean; otherwise he will be charged for instruction to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends *December 31*. The second third begins January 1 and ends *March 31*. The last third begins April 1 and ends at *Commencement*.

Every student must file a bond with the Bursar in the sum of \$200, signed by two bondsmen, one of whom must be a citizen of the United States, for the payment of dues to the University; or, instead of filing a bond, he may deposit \$100 with the Bursar upon his entrance, as security, and pay his tuition-fees in advance as follows: one third on or before October 1, one third on or before January 1, and one third on or before April 1. Every student who lives in a College room or boards at Memorial Hall or the Foxcroft Club must file the same bond as undergraduates (\$400), or pay rent for the year in advance, and make a deposit with the Bursar as security for the payment of his board at the rate of \$5 a week. All persons living in College rooms are subject to the regulations of the Parietal Committee, in the same manner as undergraduates.

No officer or student in the University is accepted as a bondsman.

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For the special pamphlet issued by the Law School, for information not contained in the Catalogue or the special pamphlet, and for examination papers, address: *The Secretary, Harvard Law School, Cambridge, Mass.*

## THE MEDICAL SCHOOL.

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Three professorships of Medicine were established at the University in the years 1782 and 1783. The first degrees in Medicine were conferred in 1788. Before 1811, the degree conferred upon graduates of the School was that of BACHELOR OF MEDICINE; beginning with 1811, the degree has been DOCTOR OF MEDICINE. In 1810, the lectures given in Medicine were transferred from Cambridge to Boston, where the first MEDICAL COLLEGE was built in 1815.

The course of study for the degree of DOCTOR OF MEDICINE is of four years' duration. This requirement was established at the beginning of the academic year 1892-93. The degree of Doctor of Medicine *cum laude* is given to candidates who have pursued a complete four years' course, and obtained high marks in the examinations.

Instruction is given by lectures, recitations, clinical teaching, and practical exercises, uniformly distributed throughout the academic year. That the time of study may count as a full term, students of every class must present themselves within the first week of the term and register their names with the Secretary.

The programme of instruction is so arranged as to carry the student progressively and systematically from one subject to another, in natural order. In the subjects of Anatomy, Physiology, Histology, Chemistry, Bacteriology, and Pathological Anatomy, laboratory-work is substituted for, or added to, the usual lectures, and is required of every student. In the courses in the departments of Clinical Medicine, Clinical Surgery, and Obstetrics, satisfactory practical clinical work on the part of each student is a requirement for graduation, and opportunity is offered for practical voluntary work in all courses that can be so illustrated with advantage.

A series of written and oral examinations on all the main subjects of medical instruction has been distributed for regular students through their entire course of study. Every candidate for the degree must pass a satisfactory examination in every one of the principal departments of medical instruction, at some time during his period of study.

Beginning with the year 1901, candidates for admission to regular standing must present a college, scientific, or medical degree, or must satisfy the Faculty of their having equivalent qualifications for membership in the School.

Advanced Courses for Graduates in Medicine and Summer Courses of Instruction in Medicine are offered each year. Graduates in Medicine, if properly qualified for candidacy, may attain the degree of MASTER OF ARTS by one year of graduate study of approved subjects. This degree is administered by the Faculty of Arts and Sciences, and is subject to the requirements imposed by that Faculty.

The present building of the MEDICAL SCHOOL stands at the corner of Boylston and Exeter Streets, Boston. It was completed in 1883.

### THE FACULTY OF MEDICINE.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.

WILLIAM LAMBERT RICHARDSON, M.D., DEAN, and *Professor of Obstetrics.*

JAMES CLARKE WHITE, M.D., *Professor of Dermatology.*

OLIVER FAIRFIELD WADSWORTH, M.D., *Professor of Ophthalmology.*

HENRY PICKERING BOWDITCH, M.D., *Professor of Physiology.*

CLARENCE JOHN BLAKE, M.D., *Professor of Otology.*

FRANK WINTHROP DRAPER, M.D., *Professor of Legal Medicine.*

CHARLES BURNHAM PORTER, M.D., *Professor of Clinical Surgery.*

JOHN ORNE GREEN, M.D., *Clinical Professor of Otology.*

AMOS LAWRENCE MASON, M.D., *Associate Professor of Clinical Medicine.*

JOHN COLLINS WARREN, M.D., LL.D., *Professor of Surgery.*

REGINALD HEBER FITZ, M.D., *Hersey Professor of the Theory and Practice of Physic.*

THOMAS DWIGHT, M.D., LL.D., *Parkman Professor of Anatomy.*

JAMES JACKSON PUTNAM, M.D., *Professor of Diseases of the Nervous System.*

EDWARD STICKNEY WOOD, M.D., *Professor of Chemistry.*

FREDERICK CHEEVER SHATTUCK, M.D., *Jackson Professor of Clinical Medicine.*

EDWARD HICKLING BRADFORD, M.D., *Assistant Professor of Orthopedics.*

FRANCIS HENRY DAVENPORT, M.D., *Assistant Professor of Gynaecology.*

THOMAS MORGAN ROTCH, M.D., *Professor of the Diseases of Children.*

WILLIAM BARKER HILLS, M.D., *Associate Professor of Chemistry.*

WILLIAM FISKE WHITNEY, M.D., *Curator of the Anatomical Museum.*

WILLIAM THOMAS COUNCILMAN, M.D., *Shattuck Professor of Pathological Anatomy.*

CHARLES SEDGWICK MINOT, S.D., *Professor of Histology and Human Embryology.*

MAURICE HOWE RICHARDSON, M.D., *Assistant Professor of Clinical Surgery.*

CHARLES MONTRAVILLE GREEN, M.D., *Assistant Professor of Obstetrics, and Secretary of the Faculty.*

HERBERT LESLIE BURRELL, M.D., *Assistant Professor of Clinical Surgery.*

HAROLD CLARENCE ERNST, M.D., *Professor of Bacteriology.*

CHARLES HARRINGTON, M.D., *Instructor in Materia Medica and Hygiene.*

THEOBALD SMITH, M.D., *George Fabyan Professor of Comparative Pathology.*

WILLIAM TOWNSEND PORTER, M.D., *Assistant Professor of Physiology.*

FRANKLIN DEXTER, M.D., *Assistant Professor of Anatomy.*

FRANK BURR MALLORY, M.D., *Assistant Professor of Pathology.*

WILLIAM ALLEN BROOKS, JR., M.D., *Demonstrator of Anatomy.*

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For the names of Lecturers, Instructors, and Assistants, associated in the work of instruction with the Faculty of Medicine, see pages 22-26.

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#### Standing Committees.

OFFICE HOURS: *Dean*, Tu. and Fri. 12.15-1 P.M. *Secretary*, Mon. and Thurs. 12-1 P.M.

*Executive Committee.* — The Dean (*Chairman*), and Drs. Shattuck, Bradford, C. M. Green, and W. T. Porter.

*Advertising and Catalogue.* — Dr. Wood (*Chairman*), and Drs. Whitney and Mallory.

*Admission Examinations.* — Dr. Blake (*Chairman*), and Drs. Davenport, Hills, Whitney, Ernst, and Harrington.

*Course of Study.* — Dr. Fitz (*Chairman*), and Drs. Bowditch, Draper, Mason, C. B. Porter, W. L. Richardson, and Dwight.

*Nominations.* — Dr. Draper (*Chairman*), and Drs. Rotch, Councilman, Burrell, and Brooks.

*Building.* — Dr. Wood (*Chairman*), and Drs. W. L. Richardson and Whitney.

*Library.* — Dr. Bowditch (*Chairman*), and Drs. Fitz, Dwight, Bradford, Hills, and Minot.

*Graduate Courses.* — Dr. Wadsworth (*Chairman*), and Drs. Bradford, Burrell, Smith, and Dexter.

*Summer Courses.* — Dr. Draper (*Chairman*), and Drs. J. O. Green and J. J. Putnam.

*Bullard Fellowships.* — Dr. Bowditch (*Chairman*), and Drs. Dwight, Councilman, Minot, Ernst, and Smith.

*Applications to Teach.* — Dr. Bradford (*Chairman*), and Drs. Fitz, and W. T. Porter.

*Warren Museum.* — Dr. Warren (*Chairman*), and Drs. Whitney, Councilman, W. T. Porter, and Dexter.

## ADMISSION OF STUDENTS.

All candidates for admission to this School must (with the exceptions hereinafter stated) pass examinations in the following subjects:—

- |             |  |
|-------------|--|
| 1. English. | 4. Chemistry.                                    |
| 2. Latin.   | 5. Either French or German.                      |
| 3. Physics. | 6. Either Algebra, Plane Geometry,<br>or Botany. |

1. **ENGLISH.** The candidate will be required to write a short composition on one of several subjects announced at the time of the examination. In 1898 the subjects will be drawn from one or more of the following works:

Milton's *Paradise Lost*, Books I and II; Pope's *Iliad*, Books I and XXII; The Sir Roger de Coverley Papers in the *Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Southey's *Life of Nelson*; Carlyle's *Essay on Burns*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of the Seven Gables*.

Every candidate is expected to have read intelligently all the books prescribed. The English written by a candidate in any of his examination books will be regarded as part of his examination in English in case the evidence afforded by the examination book in English is insufficient. The candidate will also be required to correct specimens of bad English.

2. **LATIN.** The translation at sight of simple Latin prose.

3. **PHYSICS.** Either (1) Gage's *Elements of Physics*, or (2) a course of experiments, not less than forty in number, performed at school by the student. These must be selected from a list issued by the University under the title, *A Descriptive List of Elementary Exercises in Physics*, or must be approved by the department of Physics of Harvard College as the equivalent of those contained in this list. In (2) the candidate will be required to hand in the original note-book in which he recorded the steps and results of the experiments which he performed at school. This note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work and should contain an index of the exercises which it describes.

4. **CHEMISTRY.** Theoretical and Descriptive (Inorganic) Chemistry and Qualitative Analysis.\*

Each candidate will be required to hand in, at the hour of the written examination in Chemistry, the original note-book in which he recorded

\* The Summer Courses of Instruction in the fundamental principles of Chemistry and in Qualitative Analysis given at Harvard College, and the Summer Course in General Chemistry and Qualitative Analysis given at the Medical School, are adapted to students about to enter the Medical School.



the work performed by him at school in qualitative analysis. This notebook must give evidence that the student has had practice in the analysis of solutions and solids containing several salts and must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's laboratory work.

5. **FRENCH AND GERMAN.** The translation at sight of ordinary easy prose is the chief feature of these examinations.

6. **ALGEBRA, PLANE GEOMETRY, AND BOTANY.** The examination in Algebra will extend through quadratic equations.

The examinations in Plane Geometry and Botany will be elementary.

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A certificate of having passed the entrance examinations will admit a student to this school only so long as the entrance requirements remain unchanged.

When a candidate shall give evidence of having passed a satisfactory examination in any of the above requirements either at Harvard College or at the Lawrence Scientific School, a subsequent examination in such subject or subjects will not be demanded for his admission to the Medical School.

Candidates who present a degree in Letters, Science, or Medicine, from a recognized college or scientific school are exempt from all the above examinations, with the exception of Chemistry.

Candidates, may be admitted conditionally in spite of deficiencies in some of the studies named above; but, until these conditions are made up, no student will be permitted to take part in any exercises of the third class, or to present himself for examination in the subjects of that class.

Applicants for admission to the Medical School who have studied three years in recognized colleges, or technical or scientific schools, in which courses in Human Anatomy, Physiology, Histology, and General Chemistry are a part of the instruction, may be admitted to advanced standing provided they pass an examination in these subjects.

Students conditioned in Chemistry at the examination for admission will be furnished, during the first year, with opportunities for making up this condition. A special fee of twenty dollars will be charged for this course.

In and after June 1901, candidates for admission must present a degree in Arts, Literature, Philosophy, Science, or Medicine from a recognized college or scientific school, with the exception of such persons, of suitable age and attainments, as may be admitted by a special vote of the Faculty in each case.

All candidates, whether presenting a degree or not, are required to satisfy the Faculty that they have had a course in Theoretical and Descrip-

tive (Inorganic) Chemistry and Qualitative Analysis sufficient to fit them to pursue the courses in Chemistry given at the Medical School.

The examinations for admission are held on *the Thursday following the last Wednesday in June*, and on *the Monday preceding the last Wednesday in September*, as follows:—

9-10 A.M. Latin.	12.45-1.45 P.M. Chemistry.
10.15-11.15 A.M. Physics.	2.45-3.45 P.M. French or German.
11.30 A.M.-12.30 P.M. English.	4-5 P.M. Electives (Algebra, Botany, Geometry).

The examinations are held at the Medical School (No. 688, Boylston Street, Boston), and are conducted in writing. Specimen examination papers may be found in the pamphlet issued by the Medical School.

The first, or June, examination is held *also at the places at which there are examinations for admission to Harvard College or the Lawrence Scientific School*, enumerated on pages 284, 285 of this Catalogue.

The second, or September, examination is held at the Medical School only.

#### DIVISION OF STUDENTS.

Students are divided into four classes, according to their time of study and proficiency. Students who began their professional studies in other recognized Medical Schools may be admitted to advanced standing; but all persons who apply for admission to the advanced classes must pass examinations in the branches already pursued by the class to which they seek admission, and furnish a satisfactory certificate of time spent in medical studies. No student may advance with his class, or be admitted to advanced standing, until he has passed the required examinations in the studies of the previous year, or a majority of them; nor may he become a member of the third class, until he has passed all the examinations of the first, including admission examinations, and in addition a majority of those of the second year; nor of the fourth class, until he has passed all of the examinations of the first and second, in addition to a majority of those of the third year. *No student will be permitted to take part in any exercise of the third year unless he is clear of all entrance conditions.*

*No student will be permitted to continue his membership in the School if at the beginning of his second year he has passed none of the first-year examinations.*

*In order that the time of study shall count as a full year, students of all classes must present themselves within the first week of the School year and register their names with the Secretary.*

Any student may obtain a certificate of his period of connexion with the School.

## COURSES OF INSTRUCTION.

**Anatomy.**

## FIRST CLASS.

Anatomy. *Four times a week till Christmas. Three times a week in January.* Professor DWIGHT. *Twice a week after November.* Assistant Professor DEXTER. Recitations. *Once a week.* Dr. TENNEY.

Practical Anatomy, with exercises in Dissection. *Eight hours daily from October 15th till May, in sections.* Demonstrations. Drs. BROOKS, TENNEY, LUND, J. B. BLAKE, LOTHROP, and WARREN.

## SECOND CLASS.

Anatomy. *Twice a week till Christmas.* Assistant Professor DEXTER, and *three times a week in second term.* Professor DWIGHT.

## FOURTH CLASS.

Anatomy. An elective course. *After December.* Asst. Professor DEXTER. Voluntary Practical Course. *Twice a week during February and March.* Dr. BROOKS.

**Histology and Embryology.**

Histology. — Lectures. *Twice a week during the first half-year.* Professor MINOT. Laboratory exercises. *Twice a week during the first half-year.* Professor MINOT, Drs. QUINCY, SCHAPER, GREGORY, and AMES.

Embryology. — Lectures. *Once a week during the second half-year.* Professor MINOT. Laboratory exercises. *Twice a week during the second half-year.* Professor MINOT, Drs. QUINCY, SCHAPER, GREGORY, and AMES.

Advanced Embryology. Fourth year elective. Lectures and laboratory exercises. *During second half-year.* Professor MINOT and Dr. SCHAPER.

**Bacteriology.**

*Eighteen lectures in second half-year.* Professor ERNST.

Practical laboratory work. *Eighteen hours for each student in the second half-year.* Professor ERNST.

Advanced Bacteriology. Fourth year elective. Lectures and laboratory work. *Six times a week during first term.*

**Physiology.**

Systematic and Experimental Physiology. *Four times a week during first half-year. Six times a week during second half-year.* Professors BOWDITCH and W. T. PORTER.

Laboratory exercises in Experimental Physiology. *Three times a week in sections.* Assistant Professor PORTER.

Advanced Physiology. Fourth year elective. *Twice a week.* Professors BOWDITCH and PORTER.

### Chemistry.

Physiological Chemistry. *Once a week during the first half-year. Twice a week during second half-year.* Professor HILLS.

Clinical Chemistry. *Twice a week.* Professor WOOD.

Advanced Chemistry. Fourth year elective. *Twice a week.* Professor WOOD.

Practical exercises in the laboratory. *Daily.* Professors WOOD and HILLS, and Drs. OGDEN, HEWES, and EWALD.

### Hygiene.

Fourth Year Lectures. *Twice a week during second half-year.* Dr. HARRINGTON.

### Therapeutics and Materia Medica.

Lectures and recitations. *Twice a week.* Dr. HARRINGTON.

Demonstrations. *Eight.* Dr. PFAFF.

Voluntary laboratory work. Dr. HARRINGTON and Mr. JORDAN.

### Pathology and Pathological Anatomy.

General Pathology and Pathological Anatomy. *Twice a week.* Professor COUNCILMAN.

Special Pathological Anatomy, with demonstrations and recitations. *Twice a week.* Professor COUNCILMAN and Asst. Professor MALLORY.

Laboratory exercises in Pathological Histology. *Twice a week.* Professor COUNCILMAN and Asst. Professor MALLORY, and Drs. WRIGHT, NICHOLS, WENTWORTH and FROTHINGHAM.

Practical instruction in performing Autopsies. *Throughout the year.* Asst. Professor MALLORY, and Dr. WRIGHT.

### Surgery.

#### SECOND CLASS.

Application of bandages and apparatus and laboratory exercises to the class in sections. *During the first term.* Drs. MUNRO and PORTER.

Recitations in Surgical Pathology. *Twice a week during the first term.* Dr. C. A. PORTER.

Laboratory course in Surgical Pathology, and occasional clinical demonstrations at the Hospitals. *Twice a week during the second term.* Asst. Professor BURRELL and Dr. NICHOLS.

## THIRD CLASS.

Lectures and recitations. *Three times a week at the School and at the Hospitals throughout the year.* Professor WARREN and Asst. Professor BURRELL.

## Orthopedic Surgery.

Required Course. Lectures. *Once a week for four months.* Medical School and Children's Hospital.

Clinical quizzes. *Three times a week in sections.*

Elective Course. Clinical exercises. *Three times a week for four months.*

## Clinical Surgery.

## THIRD CLASS.

Clinical Surgery Conference. *Once a week, from October till May.* Professor PORTER.

Clinical visits, *in sections of half the class, once a week throughout the year,* at the Massachusetts General Hospital. *During first half-year* by Professors PORTER, WARREN and Dr. BEACH. *During second half-year* by Assistant Professor M. H. RICHARDSON, and Drs. HOMANS and CABOT. — At the Boston City Hospital, by Assistant Professor BURRELL, and Drs. GAY, BOLLES, POST, GAVIN, WATSON, and MONKS.

*In small sections daily* in the Out-Patient Departments of the Massachusetts General Hospital, by Drs. CONANT, SCUDDER, and MUMFORD. —

At Boston City Hospital, by Drs. LOVETT, MUNRO, THORNDIKE, and E. W. DWIGHT.

## FOURTH CLASS.

Lectures. *Twice a week.* Massachusetts General Hospital. *Once a week till February,* Professor PORTER. *February to June,* Asst. Professor M. H. RICHARDSON. Boston City Hospital. *Once a week till December,* Dr. GAY. *December till June,* Asst. Professor BURRELL. Visits. *Twice a week.* Operations. *Twice a week.* Surgical Diagnosis. *Once a week.* Surgical Emergencies. *Every evening in small sections.*

## OPERATIVE SURGERY.

Operations are performed before the students one day each week throughout the year in the Amphitheatres at the Massachusetts General Hospital and Boston City Hospital.

Operative Surgery and Surgical Anatomy. *Exercises illustrated upon the cadaver twice a week in November and December.* Professor PORTER.

Operative Surgery. *Fifteen practical exercises by the students of the Fourth Class*, under the direction of Professor PORTER, assisted by Drs. MIXTER, MONKS, CONANT, and SCUDDER.

The surgical cases at the Eye and Ear Infirmary and at the Boston Dispensary are shown by the surgeons in charge.

### Dermatology.

#### THIRD CLASS.

Lectures on diseases of the Skin. *Once a week.* Professor WHITE.

Clinical Dermatology. *Once a week.* Professor WHITE.

#### FOURTH CLASS.

Clinical Dermatology. *Twice a week.* Dr. BOWEN.

### Syphilis.

*Twice a week.* Dr. POST.

### Theory and Practice of Physic.

#### SECOND CLASS.

Recitations or demonstrations. *Twice a week.* Dr. CUTLER.

#### THIRD CLASS.

Lectures on selected subjects. *Twice a week.* Professor FITZ. Clinical lectures. *Twice a week.* Professor FITZ.

### Clinical Medicine.

#### SECOND CLASS.

Clinic. *Once a week.* Dr. VICKERY. *Once a week.* Dr. WITHINGTON. Practical Instruction in Auscultation and Percussion. *Six times a week during the first half-year.* Drs. GANNETT, V. Y. BOWDITCH, SEARS, and KNIGHT. *During the second half-year at the bed side in the wards.* Professor MASON, and Drs. GANNETT, VICKERY, WITHINGTON, BOWDITCH, and MORSE.

#### THIRD CLASS.

*Twice a week.* Professor SHATTUCK. *Twice a week.* Professor MASON. Medical visits are made at the City Hospital with Professor MASON and Drs. J. G. BLAKE, G. B. SHATTUCK, FOLSOM, WITHINGTON, and BOWDITCH.

#### FOURTH CLASS.

Clinic with special reference to Therapeutics. *Once a week.* Professor SHATTUCK. *Once a week.* Professor MASON.

Clinical Conference. *Once a week.* Dispensary cases. *In the second half-year.* Infectious Diseases and Practical Diagnosis.

**Neurology.**

Clinical Instruction. Third Class. *Once a week, first term. Twice a week, second term.* Professor PUTNAM. Fourth Class. *Three times a week.* Professor PUTNAM, and Drs. WALTON, KNAPP, and PRINCE.

**Psychiatry.****THIRD CLASS.**

Lectures. *Once a week during second half-year.* Dr. FISHER.

**FOURTH CLASS.**

Clinical Instruction. *Once a week during second half-year.* Drs. FISHER and COWLES.

**Pediatrics.**

Lectures. *Once a week.* Professor ROTCH.

Clinical exercises. *Twice a week.* Professor ROTCH and Drs. BUCKINGHAM, WENTWORTH and CRAIGIN.

Clinical Conference. *Once a week in the second half-year.* Professor ROTCH and Drs. BUCKINGHAM, WENTWORTH and CRAIGIN.

**Obstetrics.**

Theory and Practice of Obstetrics. *Twice a week.* Professor WM. L. RICHARDSON. Recitations. *Once a week.* Dr. REYNOLDS.

Operative Obstetrics. *Twelve practical exercises.* Asst. Professor C. M. GREEN.

Practical Instruction in Clinical Obstetrics. *Throughout the year.* Asst. Professor C. M. GREEN and Drs. REYNOLDS, HIGGINS, and NEWELL.

Obstetrical Conference. *Once a week.* Professor WM. L. RICHARDSON and Asst. Professor C. M. GREEN, and Drs. REYNOLDS, HIGGINS, and NEWELL.

Clinical Obstetrics. *Twice a week for five months.* Professor WM. L. RICHARDSON and Asst. Professor C. M. GREEN.

Operative Obstetrics. *Practical exercises.* Drs. REYNOLDS, HIGGINS, and NEWELL.

**Gynaecology.****THIRD CLASS.**

Lecture or recitation. *Twice a week during first half-year.* Asst. Professor DAVENPORT.

Clinical exercises. *Six times a week till April, then three times a week.* Drs. HAVEN, SWIFT, and REYNOLDS.

## FOURTH CLASS.

Clinical and Operative exercises. *Twice a week.* Asst. Professor C. M. GREEN.

Clinical Conference. *Once a week during the second half-year.* Asst. Professor C. M. GREEN.

**Ovarian Tumors.**

Lectures. *Once a week for six weeks.* DR. HOMANS.

**Ophthalmology.**

Lectures. *Once a week during first half-year.* Professor WADSWORTH. Clinical exercises. *Eight times a week during the first half-year.* Professor WADSWORTH and Drs. STANDISH, CHENEY and JACK. *Four times a week during second half-year.* Professor WADSWORTH.

**Otology.**

*Three times a week during first half-year.* Professors C. J. BLAKE and J. O. GREEN.

*Six Clinical exercises a week during second half-year.* Professors C. J. BLAKE, J. O. GREEN, and Drs. CROCKETT and HAMMOND.

**Diseases of the Throat and Nose.**

*Three practical exercises and one lecture a week.* Drs. DEBLOIS, FARLOW, and COOLIDGE.

**Orthopedics.**

Lectures *during first half-year.* Clinical exercises. *Twice a week during second half-year.* Asst. Professor BRADFORD.

**Diseases of the Genito-Urinary Apparatus.**

*Once a week.* Drs. WATSON and THORNDIKE.

**Legal Medicine.**

*Three times a week during the first half-year.* Professor DRAPER.

**Municipal Sanitation.**

*Once a week during second half-year.* DR. DURGIN.

**Clinical Microscopy.**

Laboratory. *Three times a week.* DR. WHITNEY.

**Cookery.**

*Twice a week (two hours) for one month.* Boston Cooking School.

**Museum.**

*Open daily during the year.* DR. WHITNEY.



## ARRANGEMENT OF STUDIES.

FOR THE FIRST YEAR.	FOR THE SECOND YEAR.	FOR THE THIRD YEAR.	FOR THE FOURTH YEAR.	ELECTIVES.
Anatomy.	Anatomy.	Theory & Practice.	Clinical Medicine.	Ophthalmology.
Physiology.	Pathology and Path. Anatomy.	Surgery.	Clinical Surgery.	Otology.
* Histol. & Embryol.	Clinical Chemistry.	Obstetrics.	* Ophthalmology.	Orthopaedics.
Physiological Chemistry.	Materia Medica and Therapeutics.	Pediatrics.	* Otology.	Gynaecology.
Bacteriology.	Theory and Practice.	Dermatology.	* Laryngology.	Dermatology.
	Clinical Medicine.	Neurology.	* Orthopedics.	Neurology.
	Surg. & Clin. Surg.	Gynaecology.	* Legal Medicine.	* Bacteriology.
		Mental Diseases.	* Syphilis.	Anatomy.
		Clinical Medicine.	Hygiene.	Embryology.
		Clinical Surgery.	Clinical Microscopy.	Physiology.
			Genito-urinary Surg.	Chemistry.
			Ovarian Tumors.	Oper. Surgery.
			Mental Diseases.	* Oper. Obstetrics.
			Municipal Sanitation.	Clinical Microscopy
			Cookery.	

Note:— Subjects in which an examination is required are in italics. The number following name of examination indicates the length in hours of the examination. In the Fourth year, electives must be chosen whose examinations shall aggregate three hours.  
\* Examination in February.

**METHODS OF INSTRUCTION.**

A detailed account of the methods of instruction employed in the different subjects of study and a list of works recommended as text-books and for collateral reading and consultation will be found in the special pamphlet issued by the Medical School, which can be obtained on application to the Dean of the Medical School, Boston, or at the Publication Office, No. 2, University Hall, Cambridge.

**COURSES OF STUDY FOR GRADUATES.**

The Faculty has arranged an improved plan of instruction for graduates of recognized medical schools, embracing nearly all the branches of practical and scientific medicine. It is designed to supply good opportunities for clinical and laboratory study.

A list of courses offered for graduates will be found on pages 532, 533.

The laboratories of the School are well equipped for practical work, and the clinical advantages afforded by the hospitals of Boston furnish abundant material for all purposes of instruction. The following (see below) are the principal institutions :—

Massachusetts General Hospital,	Boston Lying-in Hospital,
Boston City Hospital,	The Children's Hospital,
Boston Dispensary,	McLean Hospital (for the Insane,)
Massachusetts Eye and Ear Infirmary,	The Carney Hospital.
Free Hospital for Women,	

Instructors in the Medical School are members of the medical and surgical staffs of these institutions, and students are admitted to all of them under their immediate supervision.

Instruction in the graduate courses is entirely distinct from that of the undergraduate department of the School, with but few exceptions; but students of the former are admitted also to all the regular lectures (not clinical) of the latter without extra charge during their connexion with the School.

Instruction is conducted in small classes and under the personal direction of the heads of departments.

Instruction is given throughout the academic year, October to June.

A certificate of attendance will be furnished when desired.

Those pursuing graduate courses may elect the studies to which they will give their attention, and allot the time they will devote to each. They are exempt, unless at their option, from examinations, and may obtain a certificate of attendance on the courses pursued. On payment of the full fee for the year, they have the privilege of attending other

## The following are the Courses provided in the Graduate Department for 1897-98.

SUBJECT.	INSTRUCTOR.	PLACE.	TIME.	FEE.
1. Anatomy of the Joints	Dr. Dwight	Medical School	Special*	\$25.
2. Dissection Courses	Dr. Brooks	Medical School	After Nov. 1	20.
3. Special Anatom. Instruction	Dr. Dwight	Medical School	Special*	Special.*
4. Histology and Microscopy	Drs. Minot and Schaper	Medical School	Special*	30.
5. Elem. Human Embryology	Drs. Minot and Schaper	Medical School	Special*	25.
6. Advanced Embryology	Dr. Minot	Medical School	Oct.—May	75-125
7. Structure of the Brain	Dr. Schaper	Medical School	March-Apr.	5.
8. Physiology	Dr. Bowditch	Medical School	Special*	Special.*
9. Medical Chemistry	Dr. Wood	Medical School	Special*	35.
10. Practical Pathology	Dr. Councilman	Medical School	30-40.	35.
11. Neuropathology	Dr. Taylor	Medical School	Special*	25.
12. Advanced Neuropathology	Dr. Taylor	Medical School	Special*	75-125.
13. Surgical Pathology	Dr. Nichols	Medical School	Special*	25.
14. Clinical Microscopy	Dr. Whitney	Medical School	Special*	25.
15. Clinical Haematology	Dr. Morse	Mass. General Hospital	Special*	Special.*
16. Physical Diagnosis	Dr. Ernst	Boston City Hospital	Dec., Jan.	15.
17. Physical Diagnosis	Dr. Morse	Boston City Hospital	Oct., Nov.	15.
18. Physical Diagnosis	Dr. Vickers	Mass. General Hospital	Oct.	15.
19. Clinical Medicine	Dr. Mason	Mass. General Hospital	Nov., Dec., Jan.	25.
20. Clinical Medicine	Dr. V. Y. Bowditch	Boston City Hospital	Nov., Dec., Jan.	20.
21. Clinical Medicine	Dr. Withington	Boston City Hospital	March, Apr.	20.
22. Clinical Medicine	Dr. Sears	Boston City Hospital	May	20.
23. Clinical Medicine	Dr. Sears	Boston City Hospital	March	15.
24. Clinical Medicine	Dr. Morse	Boston City Hospital	Apr.	15.
25. Clinical Medicine	Dr. Jackson	Boston City Hospital	Dec., Jan.	20.
26. Infectious Diseases	Dr. McCollom	Boston Dispensary	Oct. 15—Dec. 1	25.
27. Intubation	Dr. McCollom	Boston City Hospital	Oct., Nov.	15.
28. Minor Surgery	Dr. Lund	Boston City Hospital	Special*	Special.*
29. Minor Surgery	Dr. J. B. Blake	Boston City Hospital	Apr., May	15.
30. Minor Surgery	Dr. Conant	Boston City Hospital	Apr., May, June	15.
31. Minor Surgery	Dr. Conant	Boston City Hospital	Apr., May, June	25.
32. Minor Surgery	Dr. Conant	Mass. General Hospital	Apr., May, June	25.
33. Clinical Surgery	Dr. Mumford	Mass. General Hospital	Dec., Jan.	10.
34. Clinical and Operative Surgery	Dr. Mumford	Mass. General Hospital	Feb.—June	16.
35. Clinical and Operative Surgery	Dr. Conant	Carnegie Hospital	Oct.—Jan.	16.
36. Clinical, Operative, and Minor Surgery, Pathological, and Minor Surgery	Dr. Conant	St. Elizabeth's Hospital	Jan.—Apr.	25.
37. Clinical, Operative, and Minor Surgery	Drs. Monks and Thorndike	Charity Club Hospital	Feb.—June	25.
38. Operative Surgery	Drs. Burrell, Lovett, and Munro	Boston City Hospital	Oct., Dec.	25.
39. Operative Surgery	Dr. C. B. Porter	Boston City Hospital	Dec.—Apr.	25.
40. Children's Surgery	Drs. Burrell and Lovett	Medical School Children's Hospital	Special* Oct., Nov., Dec.	25. 25. 25.

†40. Children's Surgery	Drs. Burrell and Lovett	Children's Hospital	Apr., May, June	25.
†41. Clinical Surgery	Dr. Gay	Boston City Hospital	Oct., Nov.	15.
†42. Clinical Surgery	Dr. Scudder	Mass. General Hospital	Feb.—June.	25.
†43. Orthopedic Surgery	Dr. Bradford	Children's Hospital	Apr.	15.
†44. Syphilis	Dr. Post	Boston Dispensary	Feb., March	25.
†45. Clinical Obstetrics	Dr. W. L. Richardson	Boston Lying-in Hospital	Nov., Dec., Apr., May	20.
†46. Clinical Obstetrics	Dr. C. M. Green	Boston Lying-in Hospital	Jan., Feb., March	20.
†47. Practical Obstetrics	Dr. Reynolds	Boston Lying-in Hospital	Special*	25.
†48. Operative Obstetrics	Dr. C. M. Green	Medical School	Oct.—June	25.
†49. Diseases of the Skin	Dr. White	Mass. General Hospital	Dec., Jan.	25.
†50. Otolary	Dr. Crockett	Infrmary	Oct.—Dec.	25.
†51. Otolary	Dr. Hammond	Infrmary	Feb.—June	30.
†52. Otolary	Dr. Hammond	Infrmary	May	30.
†53. Ophthalmology	Dr. Staudish	Infrmary	Oct., Nov.	20.
†54. Ophthalmology	Dr. Cheney	Mass. General Hospital	Feb., March	20.
†55. Ophthalmology	Dr. Cheney	Boston City Hospital	Nov., Dec., Jan., Feb.	20.
†56. Ophthalmology	Dr. Jack	Free Hospital for Women	Oct.	25.
†57. Gynaecology	Dr. Swift	Free Hospital for Women	Dec.	25.
†58. Gynaecology	Dr. Swift	Free Hospital for Women	Jan.	25.
†59. Gynaecology	Dr. Davenport	Free Hospital for Women	March	25.
†60. Gynaecology	Dr. Davenport	Free Hospital for Women	Nov.	25.
†61. Gynaecology	Dr. Haven	Boston Dispensary	Jan., Feb.	25.
†62. Gynaecology	Dr. Swift	Boston Dispensary	Oct., Nov., Dec.	25.
†63. Gynaecology	Dr. C. M. Green	Boston City Hospital	Oct., Nov., Dec., Apr., May	25.
†64. Gynaecology	Dr. Reynolds	Boston City Hospital	Special*	25.
†65. Operative Gynaecology	Dr. Davenport	Medical School	Feb., March	20.
†66. Diseases of the Nose and Throat	Dr. DeBios	Boston City Hospital	Apr., May	20.
†67. Diseases of the Nose and Throat	Dr. Farlow	Boston City Hospital	Feb., March	20.
†68. Diseases of the Nose and Throat	Dr. Coolidge	Mass. General Hospital	Special*	10.
†69. Mental Diseases	Dr. Cowles	McLean Hospital	Special*	15.
†70. Bacteriology	Dr. Ernst	Medical School	Special*	20.
†71. Diseases of Children	Dr. Wentworth	Children's Hospital	Oct., Nov.	20.
†72. Diseases of Children	Dr. Wentworth	Children's Hospital	Dec., Jan.	20.
†73. Diseases of Children	Dr. Buckingham	Children's Hospital	Feb., March	20.
†74. Diseases of Children	Dr. Buckingham	Children's Hospital	Apr., May	20.
†75. Advanced Neurology	Dr. Putnam	Mass. General Hospital	Special*	Special.*
†76. Neurology	Dr. Knappp	Boston City Hospital	Feb., March	20.
†77. Neurology	Dr. Knappp	Boston City Hospital	Apr., May	20.
†78. Neurology	Dr. Walton	Mass. General Hospital	Nov.	20.
†79. Neurology	Dr. Prince	Boston City Hospital	Oct., Nov., Dec., Jan.	20.
†80. Hygiene	Dr. Harrington	Boston City Hospital	Special*	25.
†81. Pharmacology	Dr. Pfaff	Medical School	Special*	Special.*
†82. Comparative Pathology	Dr. Smith	Bussey Institutions	Oct.—June	Special.*

\* To be arranged with instructor.

† Women admitted.

‡ Women admitted conditionally.

exercises of the Medical School, the use of its laboratories and library, and all other rights accorded by the University.

Graduates seeking admission to any of the graduate courses, must first register their names at the Dean's office at the Medical School, where all fees are payable and obtain a receipt to be shown at the first exercise.

A graduate of another recognized medical school may obtain the degree of Doctor of Medicine from this University, after a year's study in the graduates' courses and after passing the required examinations, which can be taken only at the times set for the regular examinations in September, February (mid-year) and June.

For further information and full description of the courses and lectures for graduates, address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston, Mass.

### SUMMER COURSES OF INSTRUCTION.

During the summer of 1898, courses in many branches of practical and scientific medicine will be given by teachers in the School. These courses will be clinical in character and will be given at the Hospitals and Dispensaries by the physicians and surgeons on duty. Practical instruction will also be given in several of the Laboratories of the School by the instructors in charge.

A list of the Summer Courses will be announced early in the Spring. For further information address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston, Mass.

### CLINICAL ADVANTAGES.

The Medical Department of the University is established in Boston, in order to secure those advantages for Clinical Instruction and for the study of Practical Anatomy which are found only in large cities.

There are Hospital visits or operations daily.

*The Massachusetts General Hospital.* — During the past year, 4,304 patients were treated in the wards, and 29,867 in the out-patient departments. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week. The Dalton scholarship of five hundred dollars is open to the house pupils.

*The City Hospital.* — During the past year, 8393 cases were treated in its wards, and 20,562 in its various out-patient departments. The medical wards always contain many cases of acute diseases, and changes are taking place constantly. Clinical instruction is given by the physicians and surgeons two or more times a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

*The Boston Lying-in Hospital.* — More than five hundred patients are annually confined in the Hospital. In the out-patient department, over fifteen hundred cases are annually attended by the hospital externes who are appointed from the third and fourth year students. Clinical instruction is given in these cases by the physicians to out-patients and the House Physicians.

*The Boston Dispensary.* — Over forty-four thousand patients were treated at this public charity during the past year. A new building has lately been erected at a cost of \$50,000, where students have ample and excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of Medicine and Surgery.

*Children's Hospital.* — During the past year more than seven hundred cases were treated in the wards and about seventy-six hundred in the out-patient departments. Instruction in orthopedic surgery and in the general diseases of children is given by members of the hospital staff.

*The Massachusetts Charitable Eye and Ear Infirmary.* — 22,101 patients were treated at this institution during the past year. These cases present every variety of disease of the ear and eye, and supply a large number of operations.

*The Marine Hospital at Chelsea* receives from the shipping of the port a large number of patients, who furnish examples of the diseases of foreign countries and of distant parts of the United States. Many cases of venereal disease, in its various forms, are treated annually.

Students are also permitted to visit the Free Hospital for Women and the Carney Hospital on application to the physicians on duty.

There are more than sixty appointments annually for Internes in the various hospitals, and nearly as many more for Assistants in the out-patient departments. Appointments for the Massachusetts General and City Hospitals are for the term of eighteen months, for the Boston Lying-in Hospital for six months, and for the Free Hospital for Women for nine months.

### LIBRARIES.

The students of the Medical School have access, free of charge, to the books belonging to the library of the School in the several departments.

The College Library at Cambridge is open to the students of this School.

The Boston Public Library, which contains a large collection of medical books, is open to students who are inhabitants of Boston. Students, not inhabitants of Boston, who have filed a bond at the Bursar's office, or deposited with the Bursar the sum of fifty dollars, may also use this library. The Bursar will furnish on application the necessary certificate of bond or deposit.

### WARREN ANATOMICAL MUSEUM.

The Warren Anatomical Museum was founded in 1847 by JOHN COLLINS WARREN, of the College Class of 1797, Adjunct Professor of Anatomy and Surgery from 1809 to 1815, Hersey Professor of Anatomy and Surgery from 1815 to 1847, Professor *Emeritus* from 1847 to his death in 1856, son to JOHN WARREN, the first Hersey Professor of Anatomy and Surgery. This important Museum is open to students in the School, and its collections are used in demonstration of the lectures. Its Curator is Dr. WILLIAM FISKE WHITNEY.

### EXAMINATIONS.

The final examination in every required subject is held at the close of either the first or the second term of the school year. The examination, therefore, in every subject occurs once a year, but an opportunity to make up failures in examinations will be offered at the opening of the school year. The *June examination* is for those only who are members of the School at the time and for those entitled to apply for the degree. The *September examination* is for graduates and for those only who have previously been examined and have failed in the subject of the examination or who are applicants for advanced standing. In some branches a portion of the examination consists of practical work in the laboratory.

*First Year.* — Anatomy (2 hrs.), Physiology (3 hrs.), Histology\* (1 hr.), Physiological Chemistry (1½ hr.), Bacteriology (1 hr.).

*Second Year.* — Anatomy (2 hrs.), Pathological Anatomy (3 hrs.), Clinical Chemistry (2 hrs.), Materia Medica and Therapeutics (2 hrs.).

*Third Year.* — Theory and Practice (3 hrs.), Surgery (3 hrs.), Obstetrics (3 hrs.), Pediatrics (2 hrs.), Dermatology (1 hr.), Neurology (1 hr.), Gynaecology (1 hr.), Mental Diseases (1 hr.).

*Fourth Year.* — Clinical Medicine (3 hrs.), Clinical Surgery (2 hrs.), Orthopedics † (1 hr.), Ophthalmology † (1 hr.), Otology † (1 hr.), Laryngology † (1 hr.), Legal Medicine † (1 hr.), Syphilis † (1 hr.), Hygiene (1 hr.).

*Electives.* — Gynaecology (2 hrs.), Dermatology (2 hrs.), Neurology (2 hrs.), Ophthalmology (2 hrs.), Otology (2 hrs.), Orthopedic Surgery (2 hrs.), Physiology (1 hr.), Chemistry (1 hr.), Operative Surgery (1 hr.), Operative Obstetrics † (1 hr.), Bacteriology † (1 hr.), Anatomy (1 hr.), Embryology (1 hr.), Clinical Microscopy (1 hr.).

\* The examination in this subject will be held at the end of the first half-year.

† The examinations in these subjects will be held at the end of the first half-year.

In addition to the above examinations each student is required to present a satisfactory report of the analysis of a specimen of urine, to examine and report upon two clinical cases in Surgery, a case of fracture and four cases in Medicine, and to take charge of and report upon six cases in Obstetrics, one case in Orthopedics (elective), one case in Ophthalmology (elective); each student must also have dissected the three parts of the body to the satisfaction of the Demonstrator, and no student shall be admitted to the examination on Anatomy at the end of the first year who has not so dissected two parts, nor to that at the end of the second year who has not so dissected three parts, unless excused by the Professor of Anatomy.

In the fourth year, three hours of examination in electives are obligatory. *The choice of electives must be made within two weeks of registration at the beginning of the year, and must be given to the Secretary in writing.*

The general elective courses are open to all members of the fourth class who elect them with the intention of taking the examination.

Students electing Ophthalmology, Otology, or Orthopedics in the fourth year are obliged to pass only the two-hours examination in these subjects at the end of the year. Only one hour of these two can count as an elective.

Candidates for the degree who shall have served satisfactorily as internes in the Massachusetts General Hospital, Boston City Hospital, Carney Hospital, Children's Hospital, and State Almshouse Hospital, for a period of not less than one year, may be exempt from examination in the electives of the fourth year.

No student is allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty.

After two failures to pass in any subject a charge of three dollars will be made for each subsequent examination in that subject.

## DEGREES.

### Degree of Doctor of Medicine.

Every candidate for the degree of DOCTOR OF MEDICINE must be twenty-one years of age, and of good moral character; must give evidence of having studied in a recognized Medical School at least four full years; have spent at least one continuous year at this School; and have passed the required examinations.

At the end of the four years of study the degree of Doctor of Medicine will be given to those students who have fulfilled its requirements. This degree *cum laude* will be given to candidates who have



obtained an average of over seventy-five per cent in all the required examinations.

Candidates for the degree are obliged to apply for the same in writing, on blanks furnished at the Dean's office, on or before *May 30* of the year in which they propose to graduate.

The presentation of a thesis is not a requirement for graduation, but candidates for the degree of Doctor of Medicine may present a voluntary thesis. If of conspicuous merit, it will receive honorable mention; if also of a suitable character, it may be read at the Commencement exercises. Theses must be completed and delivered to the Dean on or before *the first day of June*.

A graduate of another medical school of recognized standing may obtain the degree of Doctor of Medicine at this University, after a year's study in the graduates' course and after passing all examinations required in the full undergraduate course, which may be taken only at the times set for the regular examinations in September, February (mid-year), and June.

#### **Degree of Master of Arts.**

The degree of **MASTER OF ARTS** is open to graduates of the Medical School who are also Bachelors of Arts of Harvard College, or Bachelors of Arts of other Colleges, accepted as qualified for candidacy by the Faculty of Arts and Sciences of Harvard College. Candidates must pursue an approved course of study in Medicine for at least one year after taking the degree of Doctor of Medicine. Applications for approval of programmes of study offered for this degree must be made to the Administrative Board of the Graduate School on or before the *thirtieth day of April*. It is advisable to apply to the Board *early in the year*. See pages 429 and 433 for the conditions of candidacy for the degree of Master of Arts, and for the requirements of the Faculty of Arts and Sciences for this degree.

#### **PRIZES.**

##### **The Boylston Medical Prizes.**

These prizes, which are *open to public competition*, are offered annually for the best dissertations on questions in medical science proposed by the Boylston Medical Committee.

At the annual meeting in Boston in 1897, a prize was awarded to J. Francis Walsh, M.D., of Camden, New Jersey, for an essay on *The Anatomy and Function of the Muscles of the Hand and the Extensors of the Thumb*.

For 1898 two prizes are offered : —

1. A prize of one hundred and fifty dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology or Pathology.* The subject to be chosen by the writer.

2. A prize of one hundred and fifty dollars for the best dissertation on *The Internal Secretions of Glands.*

Dissertations on these subjects must be sent post-paid to W. F. WHITNEY, M.D., Harvard Medical School, Boston, Mass., on or before *January 1, 1898.*

For 1899 two prizes are offered : —

1. A prize of one hundred and fifty dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology, or Pathology.* The subject to be chosen by the writer.

2. A prize of one hundred and fifty dollars for the best dissertation on *The Results of Original Investigations in the Psychology of Mental Disease.*

Dissertations on these subjects must be sent to the same address as above on or before *January 1, 1899.*

In awarding these prizes preference will be given to dissertations which exhibit original work, but if no dissertation is considered worthy of a prize, the award may be withheld.

Each dissertation must bear in place of its author's name some sentence or device, and must be accompanied by a sealed packet bearing the same sentence or device and containing within the author's name and residence. *Any clew by which the authorship of a dissertation is made known to the committee will debar such dissertation from competition.*

Dissertations must be written in a distinct and plain hand, and their pages must be bound in book form.

All unsuccessful dissertations are deposited with the Secretary, from whom they may be obtained, with the sealed packet unopened, if called for within one year after they have been received.

By an order adopted in 1826, the Secretary was directed to publish annually the following votes : —

1. That the Board do not consider themselves as approving the doctrines contained in any of the dissertations to which premiums may be adjudged.

2. That in case of publication of a successful dissertation, the author be considered as bound to print the above vote in connexion therewith.

The Boylston Medical Committee is appointed by the President and Fellows, and consists of the following physicians: ROBERT T. EDES, M.D., *President*; WILLIAM F. WHITNEY, M.D., *Secretary*; H. P. BOW-

DITCH, M.D., FRANK W. DRAPER, M.D., J. COLLINS WARREN, M.D., SAMUEL G. WEBBER, M.D., F. H. WILLIAMS, M.D., EDWARD S. WOOD, M.D.

The address of the *Secretary* of the Boylston Medical Committee is WILLIAM F. WHITNEY, M.D., Harvard Medical School, Boston, Mass.

#### William H. Thorndike Prize.

A prize of two hundred dollars will be given annually to the author of the best essay on some subject in any branch of Surgery.

The students of the Harvard Medical School and graduates of under five years' standing of any recognized medical school are eligible in competition for this prize.

Each essay must bear in place of its author's name some sentence or device, and must be accompanied by a sealed packet bearing the same sentence or device, and containing within the author's name and residence. If the author is a graduate, it must also contain the date of his graduation in medicine and the medical school from which he was graduated. Any clew by which the authorship of an essay is made known to the judges will debar such essay from the competition.

The essays must be sent to the Dean of the Harvard Medical School, No. 688, Boylston Street, Boston, Mass., U. S. America, on or before *November 1* of each year, and the award will be made annually on *December 24*. If no essay is considered worthy of a prize, no award will be made.

#### Anatomical Prize.

Professor C. B. PORTER offers a prize of fifty dollars, open to all students, and graduates of not more than five years' standing, except teachers of anatomy, for the best dissection deserving the award illustrative of surgical anatomy, the specimen to be presented to the Museum.

#### Otological Prize.

For the best preparation illustrating the osseous anatomy of the ear or for the best thesis showing original work on an otological subject, a prize of twenty-five dollars is offered, open to fourth-year students.

#### Other Prizes.

The Dante, Toppan and Sumner Prizes, administered by the Faculty of Arts and Sciences, are open to students in all departments of the University. The Bowdoin prizes are open to a student in any department of the University who has never received an academic degree.

**FELLOWSHIPS AND SCHOLARSHIPS.****Fellowships.**

**BULLARD FELLOWSHIPS.** In 1891, WILLIAM STORY BULLARD, of Boston, gave the sum of fifteen thousand dollars for the establishment of three fellowships of five thousand dollars each "in memory of three physicians who were distinguished for their honorable personal character and for their professional services in this community." Accordingly the three following fellowships were established with a yearly income of two hundred and twenty-five dollars each:—

THE GEORGE CHEYNE SHATTUCK MEMORIAL FELLOWSHIP.

THE JOHN WARE MEMORIAL FELLOWSHIP.

THE CHARLES ELIOT WARE MEMORIAL FELLOWSHIP.

The income from any one or all of these fellowships may be paid to any student or member of the medical profession who shall be selected by the Faculty of the Medical School to make such original investigations in Medical Science, as in their opinion will be most useful to the profession and to the community.

Holders of Bullard Fellowships are required to do an amount of work equivalent to not less than ten hours per week throughout the academic year and to present to the Committee at the end of the academic year a report on the amount and result of the work performed.

**Scholarships.**

The Cheever Scholarship is awarded to a student of the first year class. The Hayden Scholarship may be so awarded. All the other Scholarships are awarded to members of the three upper classes.

**BARRINGER SCHOLARSHIPS.** Two, known as the Edward M. Barringer Scholarship No. 1, and the Edward M. Barringer Scholarship No. 2, and having a yearly income of three hundred dollars and two hundred dollars respectively, from a bequest of Edward M. Barringer will be awarded to deserving students, preferably those of the fourth class.

**DAVID WILLIAMS CHEEVER SCHOLARSHIP,** with an income of two hundred and fifty dollars, was founded in 1889 by David Williams Cheever, LL.D., M.D., of Boston, of the Class of 1852. It is to be awarded to a poor and meritorious student of the first year, after three months probation in the Medical School.

**ISAAC SWEETSER SCHOLARSHIP** was founded in 1892 by Mrs. Anne M. Sweetser. The income of two hundred and fifty dollars is to be "devoted to the aid of poor students of ability who would not otherwise be able to continue the studies necessary for their profession."

**CLAUDIUS M. JONES SCHOLARSHIP**, with an income of two hundred and fifty dollars, is from a bequest of six thousand dollars by Claudius Marcellus Jones, of the Class of 1866, M.D. 1875.

**ORLANDO W. DOE SCHOLARSHIP**. One-half the income from the bequest of Orlando Witherspoon Doe, of the Class of 1865, M.D. 1869, of five thousand dollars, amounting to one hundred dollars "is to be given annually as a scholarship to a deserving student in the Medical department."

**CHARLES PRATT STRONG SCHOLARSHIP**, with an income of one hundred dollars, was founded in 1894 by friends and patients of the late Charles Pratt Strong, of the Class of 1876, M.D. 1881.

The **LEWIS AND HARRIET HAYDEN SCHOLARSHIP** for colored students was founded in 1894 from a bequest of Mrs. Harriet Hayden. The income is two hundred dollars.

**ALFRED HOSMER LINDER SCHOLARSHIP**, with an income of two hundred dollars, was founded in 1895 by Mrs. George Linder. It is to be awarded to a needy student who shall have proven himself to be of sound principles and marked ability.

**JOSEPH EVELETH SCHOLARSHIPS**. Three Scholarships with an annual income of two hundred dollars each. Founded from the residuary bequest of thirty-seven thousand eight hundred and ninety-seven dollars and fourteen cents, made by Joseph Eveleth, of Boston, "for aiding deserving and indigent young men in obtainning an education in said College or any of the schools connected therewith." Three Scholarships on this foundation have been assigned to the Harvard Medical School.

**EDWARD WIGGLESWORTH SCHOLARSHIP**, with an income of two hundred dollars, was founded in 1897 by the family of the late Edward Wigglesworth, of the Class of 1861, M.D. 1865, the yearly income of the fund to be paid to such needy and deserving students of the Medical School as the Medical Faculty shall annually recommend.

**HILTON SCHOLARSHIP**, with an income of two hundred and twenty-five dollars.

**CHARLES B. PORTER SCHOLARSHIP**, with an income of two hundred dollars, was founded in 1897 from a bequest of five thousand dollars by William L. Chase.

**FACULTY SCHOLARSHIPS**. Four scholarships, with an income of two hundred dollars each, have been established by the Faculty, and are open to meritorious students who have been at the School for at least one year. Only those students needing assistance are expected to apply; and of such, those holding the highest rank will have the preference. Holders of Faculty scholarships may be required to render assistance in laboratory courses to an amount not exceeding four hours per week.

The income of the JOHN FOSTER FUND, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance. The next payment will be made in 1898.

All applications for scholarships or pecuniary aid, except for the Cheever and Hayden Scholarships, must be handed to the Dean on or before *May 30* of each year.

Applications for the Cheever and Hayden Scholarships must be handed to the Dean on or before *November 30*.

Blank forms on which all applications for pecuniary aid must be made can be obtained of the Dean.

### FEES AND EXPENSES.

The fees are:—For matriculation, *five dollars*; for the first three years, *two hundred dollars* for each year (if in two payments, at the first, one hundred and twenty dollars; at the second, eighty dollars); for a half-year alone, *one hundred and twenty dollars*; for the full year to all students entitled to be classified as fourth-year students and who have been regular members of the School for three full years, *one hundred dollars*; for graduation, *thirty dollars*. During the first two years there are the following additional expenses: Two dollars for each of the three parts required for dissection; two dollars for physiological material; and five dollars per year for chemical material, in addition to the charge for breakage of glass apparatus. A deposit of fifteen dollars is required to cover these charges for chemical material and breakage. The balance of this deposit is returned at the end of the year. A deposit of two dollars with the Dean will entitle a student to the use of a locker in the School building. A student who wishes to rent a microscope of the School can do so upon payment of three dollars a term. In the fourth year a charge of three dollars will be made for material used in the course in Operative Surgery.

Of students who do not pay in advance, a bond for *three hundred dollars*, executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. A copy of such bond will be sent, on application to the Secretary of the Faculty, and all students are recommended to deposit such a bond. To students depositing bonds, term-bills will be presented one week before the end of the first term, to be paid within two weeks; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they have notified the Dean in writing of their intention to withdraw from the School, and have subsequently received their bond from the Bursar.\*

\* The Bursar's office is in Wadsworth House, Harvard Sq., Cambridge. Hours 9-1.

No officer or student of the University is accepted as a bondsman.

Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction. This remission will date from the reception by the Dean of a written notice of the student's withdrawal from the School. No degree can be conferred till all dues to the School are discharged. The student's general expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. A list of boarding places at various prices can be obtained at the rooms of the Young Men's Christian Association, corner of Berkeley and Boylston Streets, and the rooms of the Young Men's Christian Union, No. 481, Boylston Street, Boston.

#### Fees for Graduate Courses.

The fees for the separate courses in the several departments vary.

Fee for two months' attendance upon all the courses,	\$100.
“ “ four months' “ “ “ “ “	150.
“ “ attendance throughout the academic year “ “ “	200.

An extra fee is required for the use of material in laboratory, dissecting and operative courses.

A special pamphlet, containing many important details concerning the School, is published each year, and may be had on application to the Dean of the School, or at the Publication Office, No. 2, University Hall, Cambridge.

For any information about the School, not contained in the Catalogue or special pamphlet, address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, No. 688, Boylston Street, Boston, *Mass.*

OFFICE HOURS OF DEAN, TUESDAY AND FRIDAY, 12.15 TO 1 P.M. ;  
OF SECRETARY, MONDAY AND THURSDAY, 12 TO 1 P.M.

## THE DENTAL SCHOOL.

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The Harvard Dental School was instituted by vote of the President and Fellows of Harvard College, 17 July 1867. Dr. NATHAN COOLEY KEEP had in 1865, in his annual address before the Massachusetts Dental Society, of which he was then President, suggested the need of a Dental School in connexion with Harvard University; and the movement which resulted in the establishment of the School thus took its beginning. The first session of the School opened on the first Wednesday in November 1867, and continued until the following March. The first examination of candidates for the degree of the School was held 6 March 1869.

The School is now established in convenient quarters, formerly occupied by the Medical School, in North Grove Street, Boston.

Instruction in this School is given throughout the academic year, by lectures, recitations, clinical teaching, and practical exercises, uniformly distributed. An examination for admission was first required in 1885-86. The programme of instruction is progressive, and occupies three years, its extension to three years having taken place in 1890.

The studies of the first year are pursued in connexion with the classes in the Medical School, students receiving instruction by the same professors at the same time and place with the medical students, and at the end of the year passing with them the examinations.

The degree of DOCTOR OF DENTAL MEDICINE is given, on recommendation by the Faculty of Dental Medicine, on the completion of the three years' course.

It is the object of the Faculty to present a complete course of instruction in the theory and practice of Dentistry; and for this purpose a well-appointed laboratory and infirmary are provided, and such arrangements made as insure an ample supply of patients. Clinical instruction is given by the professors and other instructors; and, under the direction of demonstrators, patients are assigned to the students, insuring to all opportunity of operating at the chair, and becoming by actual practice familiar with all the operations demanded of the dentist.

The Infirmary remains open, and one of the clinical instructors and a demonstrator are in attendance, daily, throughout the academic year, offering to students excellent facilities for acquiring practical knowledge and manipulative dexterity.





Students have access to the hospitals of the city; to the dissecting-room and museum of the Medical School; and also, *without additional charge, to the instruction and examinations given in any other department of the University, with the exception of exercises carried on in the special laboratories.*

### THE FACULTY OF DENTAL MEDICINE.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.

EUGENE HANES SMITH, D.M.D., DEAN, and *Professor of Mechanical Dentistry and Orthodontia.*

HENRY PICKERING BOWDITCH, M.D., *Professor of Physiology.*

JOHN COLLINS WARREN, M.D., LL.D., *Professor of Surgery.*

THOMAS DWIGHT, M.D., LL.D., *Parkman Professor of Anatomy.*

THOMAS FILLEBROWN, M.D., D.M.D., *Professor of Operative Dentistry and Oral Surgery.*

CHARLES ALBERT BRACKETT, D.M.D., *Professor of Dental Pathology.*

WILLIAM BARKER HILLS, M.D., *Associate Professor of Chemistry.*

CHARLES SEDGWICK MINOT, S.D., *Professor of Histology and Human Embryology.*

EDWARD CORNELIUS BRIGGS, M.D., D.M.D., *Professor of Materia Medica and Therapeutics.*

HAROLD CLARENCE ERNST, M.D., *Professor of Bacteriology.*

JERE EDMUND STANTON, M.D., D.M.D., *Assistant Professor of Oral Anatomy, Physiology, and Bacteriology.*

WILLIAM PARKER COOKE, D.M.D., *Instructor in Crown and Bridge Work, and in Metallurgy.*

WILLIAM HENRY POTTER, D.M.D., *Lecturer in Operative Dentistry.*

FRANKLIN DEXTER, M.D., *Assistant Professor of Anatomy.*

For the names of other Instructors, associated in the work of instruction with the Faculty of Dental Medicine, see pages 26, 27.

### Standing Committees.

*Executive Committee*—The Dean, Drs. Fillebrown, Brackett, Briggs, Stanton, Cooke, Potter.

*Admission Examination*—Drs. Stanton, Brackett, Briggs, Potter.

*Building*—Drs. Fillebrown, Bowditch, Smith.

*Advertising and Catalogue*—The Dean, Drs. Stanton, Cooke.

*Courses of Study*—Drs. Briggs, Brackett, Stanton.

*Museum*—Drs. Fillebrown, Stanton, Cooke.

## ADMISSION OF STUDENTS.

All candidates for admission, except those who have passed an examination for admission to Harvard College or any reputable college of Letters or the Lawrence Scientific School, must present a degree in Letters, Science, or Medicine, from a recognized college or scientific school, or pass an examination in the following subjects :

1. ENGLISH. Every candidate will be required to write, legibly and correctly, an English composition of not less than two hundred words, and also to write English prose from dictation.

2. PHYSICS. A competent knowledge of Physics such as may be obtained from Gage's *Elements of Physics*, or any other High School Physics.

3. LATIN OR FRENCH. The translation at sight of simple Latin and French prose.

4. AN ELECTIVE SUBJECT. Each candidate for admission must also pass an examination in *one* of the following subjects: German, the Elements of Algebra, or Plane Geometry, Botany or Chemistry.

Students may be admitted to advanced standing upon passing a satisfactory examination in a *majority* of the studies already pursued by the class, but, before taking the degree, examinations in *all* the studies must have been satisfactorily passed.

*Graduates* of recognized dental schools will be admitted without examination to the courses in Operative and Mechanical Dentistry, but attendance on such courses does not entitle a student to examination for the degree nor to a certificate of attendance.

The examinations for admission are conducted in writing. In judging the work of the candidate, the spelling, grammar, and construction are considered.

*The examination for admission* is held at the Dental School, North Grove Street, Boston, on the *Tuesday before the last Wednesday in June* and on the *Monday before the last Wednesday in September*, beginning at 9 A.M.

*No person will be examined for admission at any other than the regularly appointed time.*

The entrance and first-year examinations will be allowed to foreign students who have passed *equivalent* examinations abroad, upon presentation of proper certificates from the examining boards vouching for the facts.

All persons intending to take the entrance examination must send their names to the Dean for registry at least two weeks previous to the day on which the examination is to take place.

### DIVISION OF STUDENTS.

Students are divided into three classes according to their lines of study and proficiency, and during their last year will receive largely increased opportunities of clinical instruction and of practice in actual operations on the natural teeth and mouth.

*In order that the time of study may count as a full year, students of all classes must present themselves within the first week of the academic year and register their names with the Dean.*

### ARRANGEMENT OF STUDIES.

The following is the plan of study in the successive years of the School:—

*First Year.* — Anatomy-dissection, Physiology, Histology and Embryology; General Chemistry, Hygiene, Medical Chemistry, and Bacteriology.

*Second Year.* — Oral Pathology, Operative Dentistry, Mechanical Dentistry, and Othodontia; General and Dental Materia Medica and Therapeutics; Oral Anatomy and Physiology; Crown and Bridge Work and Metallurgy; practical work daily in the mechanical laboratory and in the operative infirmary.

*Third Year.* — Operative Dentistry, Mechanical Dentistry, and Orthodontia, Neurology, Surgical Pathology and Surgery, Crown and Bridge Work and Metallurgy; practical work in operative infirmary and mechanical laboratory.

### COURSES OF INSTRUCTION.

#### Anatomy.

*Descriptive Anatomy.* *Four times a week, till Christmas. Three times a week in January.* Professor DWIGHT. *Twice a week, till April.* Assistant Professor DEXTER. *Recitations. Once a week.* Dr. TENNEY. *Practical Anatomy, with exercises in Dissection. Eight hours daily, from October 15 till May.* Demonstrations. Drs. BROOKS, TENNEY, LUND, J. B. BLAKE, LOTHROP, and WARREN.

#### Physiology.

*Systematic and Experimental Physiology.* *Four times a week, during first half-year. Six times a week, during second half-year.* Professors BOWDITCH and W. T. PORTER.

*Laboratory exercises in Experimental Physiology. Three times a week, in sections.* Asst. Professor PORTER and Mr. LOCKE.

**Chemistry.**

General Chemistry. *Twice a week, during first half-year. Twice a week, during second half-year.* Professor HILLS and Mr. BACON.

Practical exercises in the laboratory. *Twice a week during first half-year. Twice a week during second half-year.*

**Histology and Embryology.**

Lectures. *Twice a week, during the first half-year.* Professor MINOT.

Laboratory exercises. *Twice a week, during the first and second half-year.* Professor MINOT and Drs. QUINCY, SCHAPER, AMES, and DELUE.

**Bacteriology.**

*Eighteen lectures, in second half-year.* Professor ERNST.

Practical laboratory work. *Eighteen hours for each student, during the second half-year.* Professor ERNST.

**Operative Dentistry.**

Lectures. *Once a week.* Professor FILLEBROWN and Dr. POTTER.

Clinical lectures. *Once a week, for ten weeks.* Dr. CLAPP.

Practical work. *First year: six hours a week, for half-year; second and third years: fifteen hours a week, throughout the second and third years.*

**Mechanical Dentistry and Orthodontia.**

Lectures. *Once a week.* Professor SMITH.

Practical work. *Eighteen hours a week, throughout the second and third year.*

**Surgery.**

Lectures. *Once a week, for one month.* Professor WARREN.

**Operative Surgery.**

Operations are performed before the students one day each week throughout the year in the Amphitheatres at the Massachusetts General Hospital and Boston City Hospital.

Operative Surgery and Surgical Anatomy. *Exercises illustrated upon the cadaver twice a week in March and April.* Professor C. B. PORTER.

The Surgical cases at the Eye and Ear Infirmary and at the Boston Dispensary are shown by the surgeons in charge.

**Dental Pathology.**

Lectures. *Once a week.* Professor BRACKETT.

**Oral Anatomy and Physiology.**

Lectures and demonstrations. *Once a week.* Asst. Professor STANTON.

**Surgical Pathology.**

Lectures. *Once a week, for ten weeks.* Dr. MONKS.

**Materia Medica.**

Lectures. *Once a week.* Professor E. C. BRIGGS.

**Neurology.**

Lectures. *Once a week, for four weeks.* Dr. WALTON.

**Crown and Bridge Work and Metallurgy.**

Lectures and demonstrations. *Once a week.* Dr. COOKE.

**METHODS OF INSTRUCTION.**

A detailed account of the methods of instruction in the various subjects of study and a list of text-books employed in the courses and books recommended for collateral reading will be found, with other important information, in the special pamphlet issued by the School. This pamphlet can be obtained at the Publication Office, No. 2, University Hall, Cambridge, or by application to the *Dean of the Faculty of Dental Medicine*, No. 283, Dartmouth Street, Boston, Mass.

**CLINICAL ADVANTAGES.**

The Dental School is established in Boston, in order to secure those advantages for Clinical Instruction which are found only in large cities.

The clinics of the Dental Hospital afford a sufficient number of patients to give every student abundant practice in all branches of Dentistry throughout the year.

Each student is assigned a chair, and is expected to improve his opportunity and operate three hours every day, five days in the week, giving each student during each year 480 hours of practice in Operative Dentistry.

In the mechanical department the student gives three hours a day for six days each week, giving 576 hours' practice each year.

*The Massachusetts General Hospital.* — During the past year, 4304 patients were treated in the wards, and 29,867 new patients in the out-patient departments. Total number visits made, 91,468. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week.

*The City Hospital.* — During the past year, 8393 cases were treated in its wards, and 20,562 in its various out-patient departments. The

medical wards always contain many cases of acute diseases, and changes are taking place constantly. Clinical instruction is given by the physicians and surgeons twice a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

*The Boston Dispensary.* — Over forty-four thousand patients were treated at this public charity during the past year. A new building has lately been erected at a cost of \$50,000, where students have ample and excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of Medicine and Surgery.

*The Massachusetts Charitable Eye and Ear Infirmary.* — 22,101 patients were treated at this institution during the past year. These cases present every variety of disease of the ear and eye, and supply a large number of operations.

*The Marine Hospital at Chelsea* receives from the shipping of the port a large number of patients, who furnish examples of the diseases of foreign countries and of distant parts of the United States. Many cases of venereal disease, in its various forms, are treated annually.

### LIBRARIES AND MUSEUMS.

The College Library at Cambridge is open to students and also the Library of the Boston Medical Library Association which has a dental section containing a large and very complete collection of dental literature. It includes the libraries of the Harvard Dental School, the American Academy of Dental Science, and the Massachusetts Dental Society.

The Boston Public Library is open to students who are inhabitants of Boston. Students who are not inhabitants of Boston, who have filed bonds at the Treasurer's office, or deposited with the Treasurer the sum of fifty dollars, may also use this Library.

The Dental Museum is in charge of Dr. WALTER ELIAS BOARDMAN, *Curator.*

It contains over 3000 specimens, and offers unusual facilities for study of the teeth. The pathological anatomy of the teeth is shown by more than 1600 specimens, among which are over 200 dissected teeth showing formations of secondary dentine in the pulp cavity, and also many other rare specimens of great value. There are 600 other specimens of human and comparative anatomy, illustrating a wide range of knowledge.

Students in the school have access also to the Warren Anatomical Museum.

### INSTRUMENTS.

With the exception of extracting instruments, lathes, and vulcanizers, each student will be required to furnish his own instruments, and appliances for both laboratory and operating room.

### EXAMINATIONS.

The regular examinations, conducted in writing and orally, are held at the end of each year in June and in September in the following order, viz:—

*First Year.*—Anatomy, including dissection (2 hrs.), Physiology (3 hrs.), Chemistry (3 hrs.), Histology (1 hr.), Bacteriology (1 hr.). A certificate from the Demonstrator of Anatomy will be required of each student that he has satisfactorily performed the required dissections.

*Second Year.*—Dental Pathology (2 hrs.), Materia Medica and Therapeutics (2 hrs.), Oral Anatomy and Physiology (3 hrs.).

*Third Year.*—Operative Dentistry (2 hrs.), Surgical Pathology and Surgery (3 hrs.), Mechanical Dentistry (2 hrs.), Orthodontia (2 hrs.), Crown and Bridge Work (2 hrs.). These examinations will include actual operations performed during the course, and the preparation of specimens of mechanical dentistry.

Students shall not be entitled to enter the third-year class in practical Operative and Mechanical Dentistry, until they have shown reasonable proficiency in the work of the second year.

Applicants for advanced standing must pass all the examinations of the years which they desire to omit, or furnish proof that they have passed equivalent examinations. Examinations for advanced standing are held in September only.

No student will be allowed to anticipate the examinations in the regular programme of his year, except by special permission of the Faculty.

### DEGREE OF DOCTOR OF DENTAL MEDICINE.

The degree of DOCTOR OF DENTAL MEDICINE (*Dentariæ Medicinæ Doctor*) may be conferred upon any candidate of adult age, and of good moral character, who has passed *all the required examinations*, and convinced the Professors and Instructors in Operative and Mechanical Dentistry of his ability to meet satisfactorily the requirements of his art. He must also give evidence of having studied Medicine or Dentistry in some recognized school three full years, the last continuous year of which must have been spent at this School.

He must also deposit with the Dean, to be placed in the Museum of the School, a specimen of mechanical dentistry, or of practical or pathological anatomy, which he has prepared during the course under the eye of the instructor.

No student may advance with his class until he has passed a satisfactory examination in a majority of the studies already pursued by his class.

The course is a graded one of three continuous years. *Graduates* from other reputable Dental Schools whose Course of Instruction consists of three years of nine months each will be permitted to enter the Senior class after passing the required examinations, or without examination, by special vote of the Faculty.

### FEES AND EXPENSES.

There are no fees for matriculation, for the diploma, or for the demonstrators. For the first year of a student's membership in the School, the fee is *two hundred dollars*, in two payments of *one hundred and twenty dollars* and *eighty dollars*, at the beginning of the several terms; for the second and third years, *one hundred and fifty dollars* each, in two payments of *one hundred dollars* and *fifty dollars*, at the beginning of the several terms; and for any subsequent year, *fifty dollars*, payable at the beginning of the year.

During the first year there are the following additional expenses: Two dollars for each of the three parts required for dissection; and five dollars per year for chemical material, in addition to the charge for breakage of glass apparatus. A deposit of fifteen dollars is required to cover these charges for chemical material and breakage. The balance of this deposit is returned at the end of the year.

*Graduates* of recognized Dental Schools, admitted to the courses in Operative and Mechanical Dentistry for the whole or any portion of the academic year, pay a fee of *fifty dollars* for each course. By attending these courses the student does not become a candidate for a degree nor is he entitled to a certificate of attendance.

Of students *who do not pay in advance*, a bond for *three hundred dollars* executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. A copy of such bond may be obtained by application to the Bursar\* of the University. The bond of the "American Surety Company," if made in a form satisfactory to the Bursar of the University, will also be accepted. To students depositing these bonds, term-bills will be presented a week before the end of the first term, to be paid within two weeks; and also one week or more before Commencement, to be paid on or before the beginning of the next

\* The Bursar's office is in Wadsworth House, Harvard Square, Cambridge.



academic year. Such students will be held responsible for the payment of fees until they shall have notified the Dean of their intention to withdraw from the School, and have received their bond from the Bursar. *No degree can be conferred till all dues to the School are discharged.*

No officer or student of the University is accepted as a bondsman.

Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction, — this remission to date from the reception by the Dean of a written notice of the student's withdrawal from the School.

The student's expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. The Janitor of the Medical School keeps a list of boarding-houses in which the charges are from five dollars per week upwards, according to accommodation furnished.

Students, on joining the School, and at the beginning of each School year, must enter their names with the Dean of the Faculty. They are expected to register on the first day of the academic year, *the Thursday following the last Wednesday in September.*

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For the special pamphlet issued by the School, and for any information not contained in the Catalogue or the pamphlet, address Dr. EUGENE H. SMITH, *Dean*, No. 283, Dartmouth Street, Boston, Mass.

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DEAN'S OFFICE: NO. 283, DARTMOUTH STREET, BOSTON.

OFFICE HOURS OF THE DEAN: 9 A.M. TO 4 P.M.

# THE SCHOOL OF VETERINARY MEDICINE.

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The School of Veterinary Medicine was opened in the year 1882-83. It is situated at and near the corner of Village and Lucas Streets, Boston, occupying two substantial brick buildings:— the LUCAS STREET BUILDING, which contains rooms for lectures, dissections, library, and museum; and the VILLAGE STREET HOSPITAL, for the treatment and observation of sick animals. In a third building, a Free Clinic is maintained in connexion with the School; and this has proved to be not only a useful and highly appreciated charity, but also a valuable addition to the teaching resources of the School.

The objects of the Corporation and Overseers in organizing this School were to provide a thorough training for veterinary practitioners, and to lay the foundations of an advanced school of comparative medicine. From the beginning the School has been fostered and aided by the Faculty of Medicine.

A three years' course of study is carried on in the School, and students who complete this course may attain the degree of DOCTOR OF VETERINARY MEDICINE, on recommendation by the Faculty of Veterinary Medicine.

## THE FACULTY OF VETERINARY MEDICINE.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.

CHARLES PARKER LYMAN, F.R.C.V.S., DEAN, and *Professor of Veterinary Medicine.*

HENRY PICKERING BOWDITCH, M.D., *Professor of Physiology.*

EDWARD STICKNEY WOOD, M.D., *Professor of Chemistry.*

WILLIAM BARKER HILLS, M.D., *Associate Professor of Chemistry.*

WILLIAM FISKE WHITNEY, M.D., *Professor of Parasites and Parasitic Diseases.*

CHARLES SEDGWICK MINOT, S.D., *Professor of Histology and Human Embryology.*

HAROLD CLARENCE ERNST, M.D., *Professor of Bacteriology.*

FREDERICK HUNTINGTON OSGOOD, B.S., M.R.C.V.S., *Professor of Veterinary Surgery, and Surgeon in Charge of Veterinary Hospital.*

HENRY FISKE LEONARD, M.D., M.D.V., *Instructor in Anatomy, and Clinical Lecturer.*

THEOBALD SMITH, M.D., *George Fabyan Professor of Comparative Pathology.*

KENELM WINSLOW, B.A.S., M.D.V., M.D., *Assistant Professor of Veterinary Therapeutics.*

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For the names of Lecturers, etc., associated in the work of instruction with the Faculty of Veterinary Medicine, see page 27.

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#### Executive Committee.

The Dean (*Chairman*) and Professors Whitney and Osgood.

#### ADMISSION OF STUDENTS.

All candidates for admission to this School, excepting those who can produce certificates proving that they have passed the admission examination at some recognized college or scientific school, must pass an examination in the following subjects:—

ENGLISH. 1. Each applicant will be required to read aloud a selected passage from ordinary English prose.

2. To write legibly and correctly an English composition of not less than two hundred words.

3. To write English prose from dictation.

4. ARITHMETIC. The simple and compound rules of Arithmetic including decimal fractions.

5. AN OPTIONAL SUBJECT. Each candidate for admission must pass an examination in *one* of the following subjects: Latin, French, German (the translation of easy prose), the elements of Algebra, Plane Geometry, or Zoölogy.\*

Candidates who pass a satisfactory examination in a majority of the subjects will be admitted conditionally, but will not be allowed to graduate until such conditions have been made up.

In 1898, the examinations for admission will be held on *Thursday, June 30*, and on *Tuesday, September 27*, beginning at 10 A.M.

\* Young men who intend to study Veterinary Medicine are advised to pay special attention to the study of Natural History, Chemistry, Physics, and the French and German languages, while in school or college.

The first, or June, examination will be held at the class-room in Village Street, and ALSO at the places (see pp. 284, 285) at which examinations for admission to Harvard College and the Lawrence Scientific School are to be held. The second examination will be held in Village Street only.

### DIVISION OF STUDENTS.

Students are divided into three classes, according to their time of study and proficiency. Those who began their professional studies elsewhere may be admitted to advanced standing; but all persons who apply for admission to the advanced classes must pass an examination in the branches already pursued by the class to which they seek admission.

No student may advance with his class, until he has passed the required examinations in the studies of the previous year, or a majority of them: and no student shall be registered as a member of the third class until he has passed all of the examinations of the first, and a majority of those of the second year.

In order that the time of study shall count as a full year, students must present themselves within the first week of the school year and register their names with the Dean.

Special Students will be admitted to the School at any time, under conditions which may be ascertained by application to the Dean.

### ARRANGEMENT OF STUDIES.\*

*First Year.* — *Anatomy, Physiology, General Chemistry, Botany, Practical Anatomy, Form and Action, Hygiene, Histology, Physiological Chemistry, Bacteriology.*

*Second Year.* — *Advanced Anatomy, Clinical Chemistry, Materia Medica, Comparative Pathology, Comparative Pathological Histology, Surgical Pathology, Theory and Practice of Veterinary Medicine, Clinical Medicine, Clinical Surgery, Practical Anatomy.*

*Third Year.* — *Theory and Practice of Veterinary Medicine, Equine Pathology, Bovine Pathology, Canine Pathology, Veterinary Therapeutics, Parasites and Parasitic Diseases, Comparative Etiology of the infectious diseases of the Domestic Animals, Ophthalmology, General Surgery, Operative Veterinary Surgery, Obstetrics, Clinical Medicine, Clinical Surgery, Meat Inspection, Warranty and Evidence.*

\* Subjects in *italics* are those in which an examination is prescribed.

## COURSES OF INSTRUCTION.

**Anatomy.**

- Descriptive Anatomy. *Three times a week.* Dr. LEONARD.  
 Practical Anatomy, with Exercises in Dissection. *Daily.* *November till May.* Drs. LEONARD and assistants.  
 Form and Action of the Horse. Professor LYMAN.  
 Laboratory Exercises in Histology. *Twice a week.* Dr. AMES.

**Bacteriology.**

*Eighteen lectures in second half-year.* Professor ERNST.

**Histology and Embryology.**

- Histology. — Lectures. *Twice a week during the first half-year.* Professor MINOR. Laboratory exercises. *Twice a week during the first half-year,* Professor MINOR and Dr. AMES.  
 Embryology. — Lectures. *Once a week during the second half-year.* Professor MINOR. Laboratory exercises. *Twice a week during the second half-year.* Professor MINOR and Dr. AMES.

**Physiology.**

- Systematic and Experimental Physiology. *Four times a week during first half-year. Six times a week during second half-year.* Professors BOWDITCH and W. T. PORTER.  
 Laboratory Exercises in Experimental Physiology.

**Chemistry.**

- General Chemistry. *Twice a week.* Professor HILLS.  
 Physiological Chemistry. *Once a week during the first half-year. Twice a week during second half-year.* Professor HILLS.  
 Clinical Chemistry. *Twice a week.* Professor WOOD.  
 Practical Exercises in the Laboratory for Analytical Chemistry. *Eight hours a week.* Professor HILLS.  
 Practical Exercises in the Laboratory for Clinical Chemistry. *Daily.* Professors WOOD and HILLS and Dr. OGDEN.

**Botany.**

- Botany. *Twice a week in the second half-year,* with Laboratory work. Field work. Asst. Professor WINSLOW.

**Materia Medica.**

Materia Medica, with Practical Demonstrations. *Twice a week.* Asst. Professor WINSLOW.—Practical Pharmacy. *Daily.*

**Pathology and Pathological Anatomy.**

Comparative Pathological Anatomy. *Twice a week.* Professor WHITNEY.  
Comparative Pathological Histology with Demonstrations and Laboratory Exercises. *Twice a week.* Dr. FROTHINGHAM.

Equine Pathology. *Three times a week.* Professor LYMAN.

Bovine Pathology. *Once a week.* Professor OSGOOD.

Inspection of Meat. *Once a week.* Dr. SHELDON.

Practical Instruction in performing Autopsies. Professor OSGOOD, Drs. LEONARD, FOSS, and FROTHINGHAM.

**Theory and Practice.**

Theory and Practice of Veterinary Medicine. *Three times a week.* Professor LYMAN.

Bovine Pathology. *Once a week.* Professor OSGOOD.

Parasites and Parasitic Diseases. *Once a week.* Professor WHITNEY.

The Comparative Etiology of the infectious diseases of the Domestic Animals. *Twice a week during second half-year.* Professor SMITH.

Veterinary Therapeutics. *Twice a week.* Asst. Professor WINSLOW.

**Ophthalmology.**

Diseases and Injuries of the Eye. Lectures and Practical Exercises. *Once a week.* Dr. PROCTOR.

**Surgery.**

Operative Veterinary Surgery, Lectures and Practical Exercises. *Daily.* Professor OSGOOD.

General Surgery. *Twice a week during second half-year.* Professor WHITNEY.

The Application of Bandages and Apparatus. *Daily.* Professor OSGOOD and assistants.

**Obstetrics.**

Theory and Practice of Veterinary Obstetrics. *Once a week during first half-year.* Professor LYMAN.

**Meat Inspection.**

Meat Inspection. *Once a week during second half-year.* Dr. SHELDON.

**Warranty and Evidence.**

Warranty and Evidence. *Once a week.* Mr. UNDERWOOD.

**Clinical Veterinary Medicine and Surgery.**

Clinical Veterinary Medicine and Surgery. *Daily.* Professors LYMAN and OSGOOD; Drs. HOWARD, LEONARD, and FOSS.

**Instruction in other Departments of the University.**

Members of any one department of Harvard University have a right to attend lectures and recitations in any other department, without paying additional fees; but this provision does not apply to Special Students unless they pay the full fee of one hundred and fifty dollars. Students in the School of Veterinary Medicine who wish to avail themselves of this opportunity of pursuing scientific or other studies may do so to such extent and in such manner as the Faculty of the School shall in each case prescribe.

**METHODS OF INSTRUCTION.**

A detailed account of the methods of instruction employed in the different subjects of study and a list of works recommended as text-books and for consultation will be found in the special pamphlet issued by the School of Veterinary Medicine, which can be obtained on application to the *Dean*, No. 52, Village Street, Boston, or at the Publication Office, No. 2, University Hall, Cambridge.

**CLINICAL ADVANTAGES.**

Mention has already been made, in the introductory note, of the VILLAGE STREET HOSPITAL, maintained by the School, in connexion with which there is a shoeing forge; and of the FREE CLINIC. A portion of the LUCAS STREET BUILDING is also devoted to hospital cases. More detailed information is contained in the special pamphlet issued by the School:

*Practical Instruction.* — In all the hospital departments cases are placed under the care of the senior students, who are expected to act in regular order as clinical clerks and to keep a full record of all work done, and report the same to the class for criticism whenever desired. In the same way it is expected that students will do the work of mixing and dispensing medicines in the pharmacy, that they may thus become thoroughly competent veterinary pharmacists.

Practice in the examination of horses for soundness is given frequently during the last two years of the course, and students are required to write certificates of such examinations and to present them before the class for criticism.

Autopsies are made on all patients that die at the hospital, and on any cadavers that may be sent for examination.

### LIBRARIES AND MUSEUMS.

The Library of the School of Veterinary Medicine is open to the student, on the deposit of five dollars, to be refunded to him when he may desire, after returning all books.

The College Library at Cambridge is open to the students of the School of Veterinary Medicine.

The Boston Public Library, which contains a large collection of Medical and Veterinary books, is open to students who are inhabitants of Boston. Students who are not inhabitants of Boston, who have filed bonds at the Bursar's office, or deposited with the Bursar the sum of fifty dollars, may also use this Library.

Besides the rich collection at the Warren Museum, to which the students of this School have access, the School has a valuable museum of its own, which has been increased by gifts of anatomical and pathological objects from friends, both within and without the profession.

### EXAMINATIONS.

The regular examinations will be held in the following order : —

*During the First Year.* — Anatomy, Physiology, General and Physiological Chemistry, Botany, Histology, Bacteriology, and Form and Action.

*During the Second Year.* — Advanced Anatomy, Clinical Chemistry, Materia Medica and Pharmacy, Comparative Pathology, Pathological Anatomy and Pathological Histology.

*During the Third Year.* — Veterinary Therapeutics, Obstetrics, Theory and Practice of Veterinary Medicine, Bovine Pathology, Surgical Pathology, Veterinary Surgery, Ophthalmology, Parasitic Diseases, Comparative Etiology of the Infectious Diseases, Meat Inspection, and practical examinations.

The regular examinations will be held at the end of the first half-year, and in June; also during the week before the opening of the School in September on the studies of the preceding year. The practical examinations will be given but once in each year.

No student will be allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty. No student will be allowed to present himself for examination, in any branch of study, *without notifying the Dean, in writing*, that he intends to do so, one month before the time when the examination is to be held.

The examinations will be conducted by means of practical exercises, orally, and in writing. No student will receive his degree until he has



passed a satisfactory examination in all the subjects of the three years' course, and has presented a certificate from the Demonstrator in Anatomy that he has satisfactorily dissected one or more entire bodies. Those who fail in any subject may present themselves in that subject again, at the next regular examination.

After two failures to pass in any subject, a charge of three dollars will be made for each subsequent examination in that subject.

#### DEGREE OF DOCTOR OF VETERINARY MEDICINE.

Every candidate for the degree of DOCTOR OF VETERINARY MEDICINE must be twenty-one years of age, and of good moral character; must give evidence of having studied medicine three full years; have spent at least one continuous year at this School; have presented a satisfactory thesis; and have passed the required examinations.

#### SCHOLARSHIPS.

\* Two Scholarships, of the annual value of one hundred and fifty dollars each, will be hereafter awarded to meritorious students standing in need of such assistance, who have been in the School one full year at least. The award will be made by the Corporation, on the recommendation of the Faculty, at the beginning of each academic year. Three fifths of the annual value of the scholarships are payable on the 1st of February, and two fifths immediately after the issue of the June term-bill. Applications for these Scholarships must be made in writing, to the Dean, by the first of June. In making the award a preference will be given to members of the third-year class; and no Scholarship will be granted to a member of the second-year class unless he intends to remain in the School until he completes the course.

#### FEES AND EXPENSES.

The tuition-fee is *one hundred and fifty dollars* a year (if in two payments, at the first ninety dollars, at the second sixty dollars). There are no charges for either matriculation or graduation in this School; and the cost of the entire instruction given is included in the above amount. There will, however, be a small charge for breakage of apparatus, etc., in the chemical laboratory, generally amounting to five or six dollars; and another for dissecting material. Of students who do not pay in advance, a bond for three hundred dollars, executed by two sufficient bondsmen, one of whom must be a citizen of the United States, is required. A copy of such bond will be sent, on application to the Bursar of Harvard University.†

\* This will not apply to students who entered the Veterinary School prior to September, 1895.

† The Bursar's office is in Wadsworth House, Harvard Square, Cambridge.

No officer or student in the University is accepted as a bondsman.

To students depositing bonds, term bills will be presented by mail, on February 1, to be paid on or before *February 21*; and also one week before Commencement, to be paid on or before *October 10*. *But no degree can be conferred till all dues to the School are discharged.* Students who leave the School before the beginning of the second half-year will be liable for the tuition fee of the first half-year only, provided they give written notice of their withdrawal to the Dean before the end of the first half-year. In all other cases students are responsible for the payment of the full fee to the end of the academic year. Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction — this remission to date from the reception by the Dean of a written notice of the student's withdrawal from the School. The student's general expenses may be made to conform, in accordance with his means, to the standards which prevail in other cities.

#### Tuition-Fees of Special Students.

The tuition-fees of Special Students are: —

For any laboratory course, alone or with other courses, \$150 a year.

For certain laboratory courses additional fees are required for materials, reagents, use and breakage of apparatus.

For any elective full course, \$45; for a half-course, \$25 a year.

In all other cases the fees will be computed at the rate of \$15 for an hour a week of instruction during the academic year, up to \$150. But in no case shall the tuition-fee be less than \$30 or more than \$150 a year.

Any Special Student, who attends a course of instruction for only a part of the year, must pay the full year's fee for that course; except that a student who is liable for the fee of \$150 a year is entitled to the same remissions as students in regular standing.

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For the special pamphlet issued by the School of Veterinary Medicine or for information not contained in the Catalogue or the special pamphlet, address Dr. CHARLES P. LYMAN, F.R.C.V.S., *Dean*, No. 52, Village Street, Boston, Mass.

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DEAN'S OFFICE, No. 52, VILLAGE STREET; HOURS, 10-10.30 A. M., DAILY.

# THE BUSSEY INSTITUTION.

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The **BUSSEY INSTITUTION** is a School of Agriculture and Horticulture, established in execution of trusts created by the will of **BENJAMIN BUSSEY**, bearing date 30 July 1835. It was opened in 1871-72. It gives systematic instruction in Agriculture, in Useful and Ornamental Gardening, and in Chemistry and Natural History as applied to these arts.

It is, in general, meant for young men who intend to become practical farmers, gardeners, florists, or landscape gardeners; as well as for those who will be called upon to manage large estates, or who wish to qualify themselves to be overseers or superintendents of farms, country seats, parks, towns, highways, or public institutions. It may serve also in special cases as a school for the systematic training of young men fond of country life or interested in Natural History.

The degree of **BACHELOR OF AGRICULTURAL SCIENCE** may be attained by students in the School.

The Bussey Institution is situated at the outer edge of Jamaica Plain, Massachusetts, about five miles southwest of the centre of Boston, and close to the Forest Hills station on the Boston and Providence Railroad. It is far enough removed from the other departments of the University to preserve the spirit and atmosphere proper to a School of Agriculture, and to insure to its students' mental independence and opportunity to devote themselves wholly to their chosen studies; while, on the other hand, it is near enough to Cambridge and Boston to permit the use of the College Library and of the rich scientific collections of the University, and to enable the student, if he please, to attend a great variety of collateral courses of instruction. Students may live either in the immediate vicinity of the School, or in Boston proper, or in some one of the villages upon the lines of the adjacent railways.

## INSTRUCTORS.

**EDMUND HERSEY**, *Instructor in Farming*, and *Superintendent of the Bussey Farm*.

**FRANCIS HUMPHREYS STORER**, S.B., A.M., *DEAN*, and *Professor of Agricultural Chemistry*.

**BENJAMIN MARSTON WATSON**, A.B., *Instructor in Horticulture*.

**ELISHA WILSON MORSE**, B.A.S., *Instructor in Natural History*.

**WINFRED WAITE BRAMAN**, S.B., *Assistant in Chemistry*.

**JAMES REVERDY STEWART**, *Assistant in Applied Zoölogy*.

**CHARLES SPRAGUE SARGENT**, A.B., *Director of the Arnold Arboretum*.

## ADMISSION OF STUDENTS.

Candidates for admission to this School must be at least seventeen years of age, and must present testimonials of good moral character. No formal examination will be required of them, but each student must satisfy the instructors of his ability and of his intention to profit by the teachings of the School.

Graduates of High Schools and Academies should find no difficulty in following the courses given at the Bussey Institution, and even graduates of Grammar Schools will encounter no insuperable impediments, though, as a matter of course, those students who come to the School most thoroughly trained will be apt to profit most from its teachings. In this sense it may be said that young men wishing to prepare themselves to pursue to the utmost advantage the courses of instruction at the Bussey Institution might pass one year at the Lawrence Scientific School in Cambridge, which provides elementary courses of instruction in Chemistry, Botany, Physics, Mathematics, Biology, Physical Geography, Geology, Meteorology, Drawing, French, and German.\*

Candidates for a degree are expected to pursue at the Bussey Institution with equal diligence all the subjects taught there, although the preliminary or collateral studies and those of the final year may be varied, at the discretion of the instructors, in accordance with the student's aims and purposes. Such students will be excused from reviewing any of the so-called preparatory studies on proving by examinations that they possess an equivalent amount of knowledge. Instead of devoting the whole of a preliminary year to continuous study at the Scientific School, it is not difficult for an earnest student to make up deficiencies at any time by studying at Cambridge during the hours when no stated exercises occur at the Bussey Institution. The Summer Schools carried on under the direction of the Faculty of Arts and Sciences (see pp. 382-386) afford opportunities both for preparing to enter the Bussey Institution, and subsequently for making up deficiencies of preparation.

Students who are not candidates for a degree may, upon producing certificates of good moral character, join the School at any time, without examination, to pursue any special course or courses of instruction which they are qualified to pursue with advantage.

## INSTRUCTION.

*Theory and Practice of Farming* . . . . . Mr. HERSEY.

Selection of farms for special purposes. Soils best adapted to different crops. Location of farm buildings. Clearing land of rocks and stumps.

\* In order to pursue these studies at the Scientific School with profit the student should come prepared in Arithmetic, Algebra as far as Quadratic Equations, elementary Plane Geometry, and English Composition. The ability to translate French, German, and Latin will be of advantage to him.

Building of farm roads. Preparation and management of cranberry bogs. Selection of stock for farm purposes, with directions for breeding the same. Breeding and care of poultry. Construction of poultry houses. How to compost manures and to save those waste materials of the farm which contain plant food. How to buy, mix and apply commercial fertilizers. Preparation of the soil for different crops. Cultivation, harvesting, and marketing of crops.

*Horticulture* . . . . . Mr. WATSON.

Preparation of soils for horticultural and floricultural purposes. Management of plants, including methods of propagation. Horticultural implements. Methods of obtaining new varieties of vegetables, fruits, and flowers. Arrangement and care of flower-gardens and kitchen-gardens, nurseries, and orchards. The construction and care of green-houses, plant-cellars, pits, frames, and hotbeds. Principles of landscape gardening. Values of trees, shrubs, and herbaceous plants, for ornamental purposes. Practical greenhouse and garden work by the student supplements the lectures.

Students interested in the cultivation of trees and shrubs have the opportunity of seeing them grown in great variety and in large numbers for the Arnold Arboretum, on grounds adjacent to the School.

*Natural History* . . . . . Mr. MORSE.

Introduction to the study of organic life. Plants and animals contrasted. The cell and its significance. The different parts of living organisms and their uses. Physiology of plants and animals. Methods of recognizing weeds, grasses and other plants, and of destroying weeds. Structure and habits of insects, and methods of combating those kinds which are injurious. Detection, habits, and prevention of smuts, rusts, blights and mildews. Relation of bacteria to dairying. Sanitation of farm buildings. Heredity, variation and development. Domestication of plants and animals; derivation of improved varieties. Cross-breeding and hybridizing. Influence of insects in fertilizing plants.

*Agricultural Chemistry* . . . . . Professor STORER.

Soil, air, and water in their relations to the plant. The food of plants; — manures, general and special. Chemical principles of tillage, irrigation, systems of rotation, and of special crops and farms. The food of animals; simple and mixed rations. Discussion of the values of different kinds of fodders, of the means of determining fodder values, and of the methods of using fodders to the best advantage.

Laboratory instruction in chemical analysis will be given to those students who wish for it.

Instruction is given by lectures and recitations, and by practical exercises in the laboratories, greenhouses, and fields; every student being taught to make experiments, study specimens, and observe for himself. The aim of the teachers is to give the student a just idea of the principles upon which the arts of agriculture and horticulture depend; to teach him how to make intelligent use of the scientific literature which relates to these arts; and to enable him to put a proper estimate upon those kinds of evidence which are obtained by experiments and by the observation of natural objects. Examinations are held statedly to test the student's proficiency.

The courses above described are given in one year, so that they may be pursued profitably by young men of ability and judgment who cannot afford to spare much time for advanced study.

The regular exercises of the School are supplemented by excursions for studying farms, animals, and dairies. Opportunity is found in this way to discuss the methods of managing milk-farms and poultry-farms, and to inspect recent improvements in the construction of farm buildings and of buildings used for the preservation of meat, apples, pears, cranberries, and other fruits. There are field lessons also for the better examination and comprehension of objects of agricultural natural history.

In addition to their strictly professional studies, students of the Bussey Institution are recommended to pursue some of the courses on Surveying, on Botany and on Geology which are given at Cambridge. These courses, together with those upon the Principles of Delineation, Color and Design, and upon Architecture, will naturally be taken by students of landscape gardening. There are, moreover, various courses given in other departments of the University, either at Cambridge or in Boston, upon Anatomy, Zoölogy, Physics, Physiology, Pathology, Political Economy, Mechanics and Engineering, which are particularly suitable for agricultural students.

The Farm connected with the School is devoted primarily to the production of hay, which is consumed upon the farm by horses taken to board. Members of the School have constant opportunity, to observe the methods of procedure by which the fertility of the fields is kept up. The Instructor in Agriculture explains the structure and operation of improved implements for preparing land for the growth of crops and for harvesting all kinds of farm products, and special efforts are made to teach the student how to select tools and machines which are properly constructed and best adapted to do the desired work.

#### Other Opportunities of Instruction.

The stated instruction in Agriculture, Horticulture, Chemistry and Natural History, as described above, is given at the Bussey Institution, at Jamaica Plain, by teachers specially attached to this institution. But, beside these regular courses, there are many other opportunities for in-

struction of which young men who are strong enough to bear extra study may freely avail themselves. Students of the Bussey Institution, in full regular standing, are admitted free to any or all the courses of instruction (about four hundred in number) in the other departments of the University, with the exception of exercises carried on in the special laboratories. In addition to the instruction given by the University, beginners whose previous opportunities have been limited may occupy the evening hours by studying at the free evening High, and Drawing Schools of the City of Boston, which offer a number of useful and interesting courses. The instruction given by these schools is free to persons residing in Jamaica Plain or anywhere within the limits of the city. Free evening lectures upon scientific and other subjects of interest to agricultural students are often given both in Boston and Cambridge. The Massachusetts Horticultural Society holds frequent exhibitions of fruit and flowers; and there are several associations in Boston for the exhibition and discussion of mechanical novelties. Large agricultural warehouses, cattle markets, and abattoirs are all readily accessible, and afford ample opportunity for the observation and comparison of tools and stock. A great variety of greenhouses, and of gardens for the cultivation of fruit, flowers, and vegetables, as well as farms of several different kinds, and estates which illustrate practical landscape gardening, are situated within easy reach of the School and may be visited for purposes of study.

Young men who wish to obtain work upon farms during the summer vacation can do so without difficulty.

#### LIBRARIES.

Students may freely use the special Agricultural Library at the Bussey Institution; the College Library at Cambridge; and the Boston Public Library, which has a branch and office for the delivery of books in Jamaica Plain not far from the Bussey Institution.

#### DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE.

Candidates for the degree of BACHELOR OF AGRICULTURAL SCIENCE, on completion of the stated courses at the Bussey Institution, as above described, and of the special studies at the Lawrence Scientific School, or their equivalent, must devote a year to advanced study at the University, and to practical research in Agriculture or Horticulture, or in Botany, Natural History, or Chemistry as applied to those arts, and must satisfy the instructors, by passing examinations, that they have acquired a thorough knowledge of the subjects in which they present themselves.

## FEES AND EXPENSES.

The regular fee for the academic year is *one hundred and fifty dollars*; for half or any less fraction of a year, *seventy five dollars*; for any fraction of a year greater than one half, the fee for the whole year will be charged. The regular fee is charged also to those Special Students who devote themselves to continuous laboratory work in a single department of the School.

The tuition fees are remitted freely to regular students of intellectual ability and adequate schooling on the presentation of evidence that they or their parents are unable to pay any fee; and a limited number of such students will be boarded also free of cost in consideration of labor performed by them upon the farm, in the greenhouses, or about the buildings of the Institution.

The other expenses of a student for an academic year, not including clothing and washing, may be estimated as follows:—

Room . . . . .	\$40.00	to	\$100.00
Board for 38 weeks . . . . .	133.00	to	200.00
Text Books and Instruments . . . . .	15.00	to	20.00
Fuel and Lights . . . . .	15.00	to	25.00
	<u>\$203.00</u>	to	<u>\$345.00</u>

Every student, when admitted, must give a bond in the sum of *two hundred dollars* to pay all charges accruing under the laws and customs of the University. The bond must be executed by two bondsmen, who must be satisfactory to the Bursar (office Wadsworth House, Harvard Square, Cambridge), and one of whom must be a citizen of the United States. Instead of filing a bond a student may pay his tuition fee for the year in advance and deposit such a sum of money, not exceeding *fifty dollars*, as may be deemed sufficient to secure the payment of other school dues. Special students will pay the tuition fees in advance at the Bursar's office, or to Professor F. H. STORER, Dean, at the Bussey Institution.

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For further information, address Professor FRANCIS H. STORER, Jamaica Plain, Mass.



# THE ARNOLD ARBORETUM.

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The Arnold Arboretum was founded in 1872, by the trustees under the will of JAMES ARNOLD, of New Bedford, for the purpose of scientific research and experiment in Arboriculture, Forestry, and Dendrology, and as a Museum of trees and shrubs suited to the climate of Massachusetts. The Arboretum occupies a portion of the Bussey Farm in West Roxbury, 220 acres in extent, and under a special arrangement with the City of Boston, is open to the public every day in the year from sunrise to sunset. The living collections are supplemented by an Herbarium, Museum, and Library.

## OFFICERS.

CHARLES SPRAGUE SARGENT, A.B., DIRECTOR, and *Arnold Professor of Arboriculture.*

CHARLES EDWARD FAXON, S.B., *Assistant, in charge of Herbarium and Museum.*

JACKSON DAWSON, *Superintendent.*

Any one properly qualified to pursue the study of practical arboriculture or forestry may be admitted to the Arboretum as a student. Such students will be permitted to take part in the work carried on in the Arboretum as well as to make use of its Library. They will also receive from the officers of the Arboretum such assistance and advice in the study of any branch of Arboriculture or Dendrology as can be rendered without interference with current work. In order to study with advantage in the Arboretum, the student should already possess such a degree of botanical knowledge as is implied in a thorough acquaintance with "Gray's Botanical Text Book," or any equivalent work. He must have some knowledge of horticultural methods and practice, and should be familiar with the native trees at least of the New England States.

Application for admission may be made to the Director, with whom the fees for instruction may be agreed upon. Fees may be remitted in consideration of services performed.

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In the spring and autumn of 1897 Mr. JOHN GEORGE JACK conducted a series of Lectures and Field Meetings on Wednesday afternoons and on Saturday mornings for the purpose of supplying popular instruction

about the Trees and Shrubs which grow in New England. There were eighty-seven persons attending these courses during the year.

Similar courses will be given in 1898.

The instruction given in these meetings is not technical, and a knowledge of descriptive botany is not essential for persons who wish to follow them. The intention is to indicate by comparison the easiest means of distinguishing the common native trees and shrubs as they appear in this part of the country, and of recognizing the foreign species which have been introduced into our gardens. The ornamental and useful properties of these trees and shrubs, their habits of growth, and other peculiarities may be considered; and the species or groups are studied with reference to their aspects in spring or autumn when the courses are given.

The fee for either the spring or autumn course is *six dollars*, payable in advance. The courses are open to both men and women.

Applications or further inquiries concerning this instruction may be addressed to Mr. J. G. JACK, Jamaica Plain, Mass.

# THE UNIVERSITY CHAPEL.

## BOARD OF PREACHERS.

FRANCIS GREENWOOD PEABODY, D.D., *Plummer Professor of Christian Morals.*

GEORGE HARRIS, D.D.

GEORGE HODGES, D.D.

WILLIAM DEWITT HYDE, D.D., LL.D.

WILLIAM H. P. FAUNCE, A.M., D.D.

WILLIAM WALLACE FENN, D.B.

} *Preachers to the University  
for the year 1897-98.*

There have also served on this Board since its foundation in 1886 :—

EDWARD EVERETT HALE, D.D.

ALEXANDER MCKENZIE, D.D.

THEODORE C. WILLIAMS, D.B.

GEORGE A. GORDON, D.D.

PHILLIPS BROOKS, D.D.

WILLIAM LAWRENCE, S.T.D.

BROOKE HERFORD, D.D.

HENRY VAN DYKE, D.D.

LYMAN ABBOTT, D.D.

CHARLES CARROLL EVERETT, D.D.

WASHINGTON GLADDEN, D.D.

LEIGHTON PARKS, D.D.

J. ESTLIN CARPENTER, A.M.

E. WINCHESTER DONALD, D.D.

SAMUEL McCHORD CROTHERS, A.B.

SIMON J. MCPHERSON, D.D.

JOHN H. VINCENT, D.D.

SAMUEL D. McCONNELL, D.D.

PHILIP S. MOXOM, D.D.

On May 10, 1886, a vote was passed by the President and Fellows "That five preachers to the University be annually appointed by the President and Fellows, with the concurrence of the Board of Overseers, who, in conjunction with the Plummer Professor of Christian Morals, shall arrange and conduct the religious services of the University." The Board of Overseers concurred in this vote on May 12, 1886, and in 1892 it was incorporated in the Statutes of the University.

On June 14, 1886, on the unanimous recommendation of the Preachers and the Plummer Professor, the President and Fellows voted "That the statute numbered 15, concerning religious exercises, be amended by striking out the clause, "at which the attendance of the students is required"; and on June 16 the Board of Overseers concurred in this vote. Attendance at the religious services of the University was thus, by the advice of those who conduct these services, made wholly voluntary.

The services in the University Chapel are directed by the Board of Preachers as follows: Each conducts daily morning prayers for about three weeks in each half-year, and each preaches on four Sunday evenings. The Preacher conducting morning prayers is in attendance every morning during his term of duty at Wadsworth House 1, and is at the immediate service of any student who may desire to consult him. On Thursday afternoons from November till May, vesper services are held in the University Chapel. These services are brief, largely musical, and with an address from one of the Preachers. Services on Sunday evenings are conducted by preachers of various communions by invitation of the Board of Preachers. The following preachers thus conducted services during the year 1896-97:—

Rev. GEORGE ALEXANDER, D.D., of New York.  
 Rev. W. H. P. FAUNCE, D.D., of New York.  
 Rt. Rev. DAVIS SESSUMS, D.D., of New Orleans.  
 Rev. GEORGE A. GORDON, D.D., of Boston.  
 Rev. Prof. CHARLES R. HENDERSON, D.D., of Chicago.  
 Bishop W. X. NINDE, of Detroit.  
 Rev. Prof. W. N. CLARKE, of Hamilton, N. Y.  
 Rev. EDWARD EVERETT HALE, D.D., of Boston.  
 Rev. Father FIDELIS KENT STONE, of Hoboken, N. J.  
 Rt. Rev. HENRY C. POTTER, D.D., of New York.  
 Bishop JOHN F. HURST, D.D., of Washington, D. C.  
 Rev. Prof. J. WINTHROP PLATNER, of Cambridge.  
 Rt. Rev. WILLIAM LAWRENCE, D.D., of Boston.  
 Rev. M. S. C. WRIGHT, of New York.

The Preachers are glad to have their attention called to any cases of special need where they may be useful, or to any better methods of serving the moral and religious interests of the University. General correspondence for the current academic year should be addressed to the Plummer Professor, though any Preacher will gladly consider such questions as may be more appropriately addressed to him.

In addition to the opportunities for worship in Appleton Chapel, seats are provided for students, at the expense of the College, in the churches of the different denominations in Cambridge. St. John's Memorial Chapel of the Episcopal Theological School having been erected for the especial accommodation of Harvard students is free to them.

# THE UNIVERSITY LIBRARY.

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## COUNCIL.

- CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.  
CHARLES ELIOT NORTON, LL.D., *Professor of the History of Art.*  
CHARLES FRANKLIN DUNBAR, LL.D., *Professor of Political Economy.*  
WILLIAM COOLIDGE LANE, A.B., *Librarian of the University.*  
CRAWFORD HOWELL TOY, LL.D., *Professor of Hebrew.*  
GEORGE LINCOLN GOODALE, LL.D., *Professor of Botany.*  
MORRIS HICKY MORGAN, LL.D., *Assistant Professor of Latin.*

## COLLEGE LIBRARY.

- WILLIAM COOLIDGE LANE, A.B., LIBRARIAN, and *Keeper of the University Records.*  
WILLIAM HOPKINS TILLINGHAST, A.B., *Assistant Librarian.*  
THOMAS J KIERNAN, A.M., *Superintendent of Circulation.*  
ALFRED CLAGHORN POTTER, A.B., *Ordering Department.*  
FRANK CARNEY, *Shelf Department.*  
NATHANIEL DANA CARLILE HODGES, A.B., *Shelf Department.*  
WALTER BENJAMIN BRIGGS, *Superintendent of Reading Room.*  
THOMAS FRANKLIN CURRIER, A.B., *Assistant in Catalogue Department.*

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- MALCOLM STORER, M.D., *Curator of Coins.*  
JAMES ATKINS NOYES, PH.B., A.B., *Editor of the Quinquennial Catalogue.*  
WILLIAM GARROTT BROWN, A.M., *Deputy Keeper of the University Records.*

The College Library in Gore Hall is for the use of the whole Universitys All students who have given bonds may take out books, three volumes at a time, and may keep them one month. Books reserved at the instance of officers of instruction, as collateral reading for their courses, are shelved in the Reading Rooms, with tables for consultation. Students who leave Cambridge for an absence of more than one week must first return all borrowed books.

The College Library is open every week-day for the delivery of books, from 9 A.M. to 5.30 P.M., except Thanksgiving day, Christmas day, the Twenty-second of February, Patriots' day, Memorial day, and the Fourth of July. The Reading Room is open from 9 A.M. to 10 P.M. In vacation no books are to be taken out after 2 P.M.; but the library can be used for consultation in the afternoon, except on Saturdays, when it closes at

1 P.M. On Sundays during term time the Library is open, for readers only, from 1 to 5.30 P.M.

The College Library may be consulted by all persons, whether connected with the University or not. The privilege of borrowing books is also granted, under special regulations, to persons not connected with the University. *Blanks for making applications for such use may be had of the Librarian.*

### SPECIAL LIBRARIES.

In addition to the College Library in Gore Hall, the University Library embraces the libraries of the several departments of the University, which are classed as Departmental Libraries, and the libraries maintained in the various branches of study pursued under the direction of the Faculty of Arts and Sciences, which are classed as Laboratory and Class-Room Libraries.

The Departmental Libraries are in charge of the Deans and Directors of the several departments, or of Librarians named in the lists of officers of the departments. The Laboratory and Class-Room Libraries, with the names of their librarians, are enumerated (with some of the Departmental Libraries) on pages 401, 402.

Persons entitled to use the College Library can have access to the Departmental Libraries by applying to the Superintendent of Circulation at Gore Hall; but such libraries are primarily for the special use of the schools and departments, and are placed in the buildings or rooms belonging to such schools and departments.

The several libraries now contain about the following numbers of bound volumes:—

Gore Hall . . . . .	355,600
Lawrence Scientific School (Engineering Library)	5,000
Bussey Institution (Jamaica Plain) . . . . .	3,600
Phillips Library (Observatory) . . . . .	8,600
Botanic Garden (Herbarium Library) . . . . .	7,300
Law School . . . . .	40,900
Divinity School . . . . .	27,500
Medical School (Boston) . . . . .	2,200
Museum of Comparative Zoölogy . . . . .	32,000
Peabody Museum . . . . .	1,800
Arnold Arboretum . . . . .	5,800
Fogg Museum . . . . .	100*
Seven laboratory and sixteen class-room libraries	15,200
	<hr/> 505,600

\* In addition a large collection of photographs of Paintings, Sculpture, and Architecture, and many casts.

The collection of pamphlets and maps in the College Library is very large, and is estimated to be equal in number to the collection of bound volumes. The departmental libraries have also considerable numbers of pamphlet monographs on subjects connected with their specialties; and these are not included in the count of volumes. The College Library has also a collection of coins.

The catalogue of the Gore Hall Collection, including pamphlets, is on cards, accessible to the public, and consists of two parts, the one arranged by authors, the other by subjects. Printed strips of titles added to all the libraries are issued two or three times a week; and they are posted in Gore Hall and in the departmental libraries. They are also included in bound volumes of slips, kept in the Reading Room. A series of "Bibliographical Contributions," is in course of publication. Fifty-two of such publications have already been issued. More extensive bibliographical works constitute another series, "Special Publications," of which Scudder's "Catalogue of Scientific Serials" (1633-1876, 8vo, pp. 370) makes No. 1, published in 1879, and "An Index to the Subject Catalogue of Harvard College Library" makes No. 2, published in 1891. There has also been issued a Catalogue of the Gray Collection of Engravings (4to, 1869); this collection is in the Fogg Museum of Art.

The Librarian has the custody of the Archives of the University, as well as of the University Collection, which includes printed material of all sorts, illustrating the history of the College and University.

# LABORATORIES.

## THE CHEMICAL LABORATORY.

### OFFICERS.

- HENRY BARKER HILL, A.M., *DIRECTOR, and Professor of Chemistry.*  
CHARLES LORING JACKSON, A.M., *Erving Professor of Chemistry.*  
THEODORE WILLIAM RICHARDS, PH.D., *Assistant Professor of Chemistry.*  
JOSEPH TORREY, JR., PH.D., *Instructor in Chemistry.*  
ALLERTON SEWARD CUSHMAN, S.B., A.M., *Assistant in Descriptive Chemistry.*  
OTIS FISHER BLACK, A.M., *Assistant in General Chemistry.*  
CLARENCE MCCHEYNE GORDON, PH.D., *Assistant in Physical Chemistry.*  
HARRIS EASTMAN SAWYER, PH.D., *Lecturer on the Chemistry of Fermentation.*  
ALVIN SAWYER WHEELER, A.M., *Assistant in Organic Chemistry.*  
DANIEL FRANCIS CALHANE, A.M., *Assistant in Descriptive Chemistry.*  
JOHN PERCIVAL SYLVESTER, A.M., *Instructor in Chemistry.*  
GREGORY PAUL BAXTER, A.M., *Instructor in Chemistry.*  
FRANK HENRY GAZZOLO, PH.G., S.B., *Assistant in Descriptive Chemistry.*  
BENJAMIN SHORES MERIGOLD, A.M., *Assistant in Descriptive Chemistry.*  
JOHN WINTHROP DOW, A.B., *Assistant in Qualitative Analysis.*  
ROBERT WARREN FULLER, A.B., *Assistant in Descriptive Chemistry.*  
LAWRENCE JOSEPH HENDERSON, *Assistant in Descriptive Chemistry.*  
KENNETH LAMARTINE MARK, *Assistant in Qualitative Analysis.*  
CARL TROWBRIDGE ROBERTSON, *Assistant in Descriptive Chemistry.*

The Division of Chemistry of the Faculty of Arts and Sciences occupies the whole of Boylston Hall.

Boylston Hall was erected in 1857 with a fund bequeathed by the late WARD NICHOLAS BOYLSTON, which was subsequently largely increased by subscription. The hall was enlarged by the addition of a third story in 1870, and the accommodations were still further extended in 1891 and 1895. Besides several private laboratories and preparation rooms, the building contains seven large laboratories for students. A room on the upper story with one hundred and ninety-six places is especially devoted to qualitative and descriptive work. A large laboratory at the west



end is fitted with all the modern appliances for the study of organic chemistry. On the lower story a laboratory with forty-four places is reserved wholly for quantitative work, and connected with it is a laboratory, with twelve desks, especially fitted up for advanced work in inorganic chemistry. On the same story is a room devoted to work in physical chemistry; and further a large laboratory with one hundred and twenty-eight places for the most elementary class. In the basement is a laboratory for work in descriptive chemistry with two hundred and thirty-two places. On the second story are two large lecture-rooms, a reading-room, departmental library, and a chemical museum.

All the courses of instruction in Chemistry to students of Harvard College, of the Lawrence Scientific School, and of the Graduate School, are given in Boylston Hall. The laboratories are open to Special Students to follow any line of chemical investigation. The facilities for research are unusually great.

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## THE JEFFERSON PHYSICAL LABORATORY.

### OFFICERS.

JOHN TROWBRIDGE, S.D., DIRECTOR, and *Rumford Professor and Lecturer on the Application of Science to the Useful Arts.*

EDWIN HERBERT HALL, PH.D., *Professor of Physics.*

BENJAMIN OSGOOD PEIRCE, PH.D., *Hollis Professor of Mathematics and Natural Philosophy.*

WALLACE CLEMENT SABINE, A.M., *Assistant Professor of Physics.*

WINTHROP EDWARDS FISKE, A.M., *Assistant.*

EDWIN RUST DOUGLAS, M.E., *Assistant.*

WILLIAM EDWARD McELFRESH, A.M., *Assistant.*

EDWIN HENRY COLPITTS, A.M., *Assistant.*

THEODORE LYMAN, A.B., *Assistant.*

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GEORGE W. THOMPSON, *Mechanician.*

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In 1881, THOMAS JEFFERSON COOLIDGE, of Boston, of the Class of 1850, Minister to France 1888-96, gave \$115,000 to the College for a new Physical Laboratory, on condition that \$75,000 should be raised by subscription and the income appropriated to its support. The building was finished in Oct., 1884, and is called the Jefferson Physical Laboratory. All the instruction in Physics, by recitations, lectures, and experimental work, to students of Harvard College, of the Lawrence Scientific

School, and of the Graduate School, is given in this building, which accommodates the various physical cabinets. The building is four stories high, if the basement is included. In the eastern wing the whole height is divided between a large lecture-room below, and the great laboratory above. In the central and western portions of the building are three recitation-rooms for sections of forty or less; but the principal part of the central and western portions is broken up into a large number of small rooms, where the professors, assistants, and advanced students can pursue their separate investigations, and be secured against intrusion, or any disturbance of their instruments. In the basement and first story, stone tables, each supported by its own column of masonry, and without contact with the floors, furnish firm support for these instruments. In the centre of the western wing a large rectangular tower stands on an independent foundation, and is isolated from the surrounding rooms. It is designed for investigations which demand extraordinary stability, or a great height: as in Foucault's pendulum-experiment. Small openings have been left in the brick partitions which divide the length of the building, by means of which a long path is available for such experiments as that on the velocity of light. In the western wing, iron nails and pipes which would disturb delicate experiments in magnetism, were excluded in the construction of the building. In the bottom of the tower is a small underground room which may be used for experiments requiring a constant temperature.

A room is devoted to the accurate measurement of electrical resistances and is provided with standard coils.

A comparator for the measurement and comparison of standards of length occupies a room in the basement of the Laboratory.

The photographic room adjoins a large space on the fourth floor, which contains the rooms especially arranged for spectrum analysis. There are four principal laboratory rooms. One of these is 40x60 feet and is devoted to elementary laboratory instruction. A time wire from the Observatory is led to this room. The laboratory for advanced instruction in electricity is in the basement and is provided with instruments of the latest type. A machine room is supplied with power from an electric motor. In this room is a milling machine, a large machine lathe, a smaller lathe, and other mechanical appliances for designing and making apparatus. The machine room is under the charge of a skilled mechanic. Power can also be obtained from a twenty-five-horse-power engine which is placed in a house outside of the Laboratory.

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For the NATURAL HISTORY LABORATORIES, see pages 582, 584, 585. The MEDICAL and DENTAL SCHOOLS have their separate laboratories.

## MUSEUMS.

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The **UNIVERSITY MUSEUM** comprehends the Museum of Comparative Zoölogy, the Botanical Museum, the Mineralogical Museum, the Natural History Laboratories, and the Peabody Museum of American Archaeology and Ethnology. The Semitic Museum is for the present placed in the building of the Peabody Museum.

The entrance to the Museum of Comparative Zoölogy and the Peabody Museum is from Divinity Avenue. The Natural History Laboratories and the Botanical and Mineralogical Museums are entered from Oxford Street.

The Museum of Comparative Zoölogy consists of the North wing of the University quadrangle (60 x 200 feet). The Natural History Laboratories are in the N. W. corner piece of the same quadrangle (95 x 75 feet), and in the adjoining sections of the central part of the University Museum of the Oxford Street façade.

The Botanical Museum occupies the central section of the University Museum, together with one-third of the southern sections.

The Mineralogical Museum occupies the southern section of the Oxford Street façade (60 x 60 feet).

The S. W. corner piece will contain large Lecture Rooms and Laboratories for the Natural History Departments, and its Exhibition Rooms will connect the Oxford Street façade of the Museum with the Peabody Museum (see pp. 585, 586), which, when completed, will form the South wing of the University Museum building.

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## THE MUSEUM OF COMPARATIVE ZOÖLOGY.

### FACULTY.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.

ALEXANDER AGASSIZ, LL.D., DIRECTOR and CURATOR.

GEORGE LINCOLN GOODALE, MD., LL.D.

HENRY PICKERING WALCOTT, A.B., M.D.

—————, *Secretary.*

## OFFICERS.

- ALEXANDER AGASSIZ, LL.D., DIRECTOR and CURATOR.  
 NATHANIEL SOUTHGATE SHALER, S.D., *Professor of Geology.*  
 EDWARD LAURENS MARK, LL.D., *Hersey Professor of Anatomy.*  
 WILLIAM MORRIS DAVIS, M.E., *Professor of Physical Geography.*  
 HANS REUSCH, PH.D., *Sturgis-Hooper Professor of Geology.*

## Appointed by the Faculty of the Museum.

- WALTER FAXON, S.D., *Assistant in charge of Mollusks and Crustacea.*  
 SAMUEL GARMAN, *Assistant in Herpetology and Ichthyology.*  
 WILLIAM BREWSTER, *Assistant in Ornithology and Mammalogy.*  
 ALPHEUS HYATT, S.B., *Assistant in Invertebrate Palaeontology.*  
 SAMUEL HENSHAW, *Assistant in Entomology.*  
 WILLIAM MCMICHAEL WOODWORTH, PH.D., *Assistant in charge of Vermes.*  
 ALFRED GOLDSBOROUGH MAYER, PH.D., *Assistant in charge of Echinoderms, Polyyps, etc.*  
 CHARLES ROCHESTER EASTMAN, PH.D., *Assistant in Vertebrate Palaeontology.*  
 FRANCES MARY SLACK, *Librarian.*  
 MAGNUS WESTERGREN, *Artist.*

## Appointed by the Corporation.

- JAY BACKUS WOODWORTH, S.B., *Instructor in Geology.*  
 ROBERT TRACY JACKSON, S.D., *Instructor in Palaeontology.*  
 GEORGE HOWARD PARKER, S.D., *Instructor in Zoölogy.*  
 CHARLES BENEDICT DAVENPORT, PH.D., *Instructor in Zoölogy.*  
 WILLIAM ERNEST CASTLE, PH.D., *Instructor in Anatomy and Embryology.*  
 FREDERICK CLAYTON WAITE, A.M., *Assistant in Laboratory Zoölogy.*  
 ROBERT WILLIAM HALL, A.B., *Assistant in Laboratory Zoölogy.*  
 ROBERT DECOURCY WARD, A.M., *Instructor in Climatology.*  
 THOMAS AUGUSTUS JAGGAR, JR., PH.D., *Instructor in Geology.*  
 JOHN MASON BOUTWELL, A.B., *Assistant in Physiography.*  
 ROBERT JAY FORSYTHE, A.M., *Instructor in Metallurgy.*  
 GEORGE CARROLL CURTIS, *Assistant in the Geographical Laboratory.*  
 JOSEPH EDMUND WOODMAN, S.B., *Assistant in Geology.*  
 CHARLES HENRY WHITE, S.B., *Assistant in Geology.*

The Museum of Comparative Zoölogy was founded in 1859 by private subscription with the assistance of the State of Massachusetts. In 1876 the property in the hands of the Trustees was transferred to the President and Fellows of Harvard College.

The Museum is under the management of a Faculty, who nominate the Curator and the Sturgis-Hooper Professor, and appoint the Assistants.

The Curator is charged with the direction of the scientific and educational interests of the Museum, as well as of its relations to the public.

The Exhibition Rooms open to the public are the Synoptic Room, the rooms containing the systematic collections of Mammals, Birds, Reptiles, Fishes, Mollusks, Crustacea and Insects, Radiates, Sponges and Protozoa, also the rooms devoted to the faunal collections of Europe, of North and South America, the Indo-Asiatic, the African, the Australian Realms, and the Atlantic and Pacific Rooms and the Rooms devoted to the Quaternary, Tertiary and Mesozoic fossils. The collections, so far as arranged, are open to visitors every week-day, from 9 A.M. till 5 P.M., and on Sunday, from 1 P.M. till 5 P.M. Entrance on the south side of the North wing.

The publications of the Museum consist of an annual Report (1861-1897) of an octavo Bulletin (vols. i.-xxx.) and of Memoirs in quarto (vols. i.-xxii.). The Bulletin and Memoirs are devoted to the publication of original work by the Professors and Assistants of the Museum, of investigations carried on by students and others in the different laboratories of Natural History, and of work by specialists based upon the Museum collections.

The Library of the Museum is on the second floor of the N. W. corner of the Museum. It is intended for the use of the Professors and students of the Natural History Departments. The Library contains over 23,000 volumes, exclusive of 2900 volumes of pamphlets, and of the Whitney Library containing about 5000 volumes and nearly 1500 pamphlets, making the total number of volumes 31,200 and about 1800 pamphlets not yet arranged. The reading room is open from 9 to 1 and from 2 to 5.

#### **LABORATORIES OF ZOÖLOGY, PALAEOLOGY, ENTOMOLOGY, GEOLOGY, AND PHYSICAL GEOGRAPHY.**

The courses of instruction in Geology, Physical Geography and Meteorology, Palaeontology, Zoölogy, Microscopical Anatomy, Embryology, Entomology, are given in the laboratories (entrance on Oxford Street) connected with the Museum.

Courses of Instruction in Geology, Geography, and Meteorology, numbered A, 6, 7, 20, and 21, by Professor Davis, and Courses B and 19 by Mr. Ward, are given in the Geological lecture-room and in the Geographical laboratories. Courses 4 in Geology is given by Professor Shaler in the Fogg Art Museum, the number of students being too large to be accommodated in the Geological Lecture-Room of the Museum. Courses 14, 15, 17, 18, 22a, 24, 28 and 29, by Professor Shaler, Professor Reusch,

Dr. Jackson, and Dr. Jagger, are given in the Geological and Palaeontological laboratories and lecture-rooms. Courses 5, 8 and 16 are given by Mr. J. B. Woodworth in the Geological lecture-room and laboratory. Courses in Zoölogy numbered 1, 2, 3, 4, 5, 6, 7, 20a, by Professor Mark and Drs. Davenport and Parker, are given in the Zoölogical and Embryological Laboratories.

The Instructors and Assistants of the Museum also receive Special Students in their respective departments.

The income of the Humboldt Fund (about \$400) is applied, with the advice of the Faculty of the Museum, towards the maintenance of one or more persons engaged in study at the Museum, or at the Wood's Hole Fish Commission Station.

Two of the tables of the U. S. Fish Commission at Wood's Hole are at the disposal of the Director of the Museum, to whom application should be made before the first of May. Candidates should specify their qualifications and the work they intend to carry out.

The VIRGINIA BARRET GIBBS SCHOLARSHIP, of the value of \$250, is assigned annually with the approval of the Faculty of the Museum at the recommendation of the Professors of Zoölogy and of Comparative Anatomy in Harvard University "in supporting or assisting to support one or more students who may have shown decided talents in Zoölogy and preferably in the direction of Marine Zoölogy."

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## THE BOTANICAL MUSEUM.

### OFFICERS.

GEORGE LINCOLN GOODALE, M.D., LL.D., *Fisher Professor of Natural History.*

WILLIAM GILSON FARLOW, M.D., LL.D., *Professor of Cryptogamic Botany.*

ROLAND THAXTER, PH.D., *Assistant Professor of Cryptogamic Botany.*

ARTHUR BLISS SEYMOUR, S.M., *Assistant in Cryptogamic Herbarium.*

HERBERT MAULE RICHARDS, S.D., *Instructor in Botany.*

JOSEPH WILLIAM BLANKINSHIP, A.B., *Assistant.*

GEORGE RICHARD LYMAN, A.B., *Assistant in Cryptogamic Botany.*

GEORGE THOMAS MOORE, S.B., A.M. *Assistant in Cryptogamic Botany.*

EDGAR WILLIAM OLIVE, S.M., A.M., *Assistant in Botany.*

RUDOLPH BLASCHKA, *Artist-naturalist.*

The collections at present accessible to the public are on the third floor of the central section of the University Museum. They are designed to illustrate the principal systematic, biological, and economic relations of

plants. The large and increasing WARE COLLECTION of glass models of flowers, prepared by the artists Leopold and Rudolph Blaschka of Germany, occupies the large exhibition room. Contiguous rooms contain collections of Cryptogams and economic products.

### LABORATORIES OF CRYPTOGAMIC AND PHANEROGAMIC BOTANY.

The Cryptogamic Laboratories occupy the whole of the fifth floor (60 x 120 feet). Here is also kept the extensive Herbarium of Algae, Fungi, and Lichens. (Not open to the public.)

The Laboratories of Phanerogamic Botany are on the second floor, and are supplemented by private workrooms in other parts of the botanical section. On the ground floor is stored for the present the large collection of Fossil plants, now in process of arrangement.

The N. C. NASH BOTANICAL LECTURE-ROOM, the gift of a recent graduate in memory of his father, is on the first floor of the Museum.

## THE MINERALOGICAL MUSEUM.

### OFFICERS.

JOHN ELIOT WOLFF, PH.D., CURATOR, and *Professor of Petrography and Mineralogy.*

CHARLES LORING JACKSON, A.M., *Erving Professor of Chemistry.*

WILLIAM MORRIS DAVIS, M.E., *Professor of Physical Geography.*

CHARLES PALACHE, PH.D., *Instructor in Mineralogy.*

ARTHUR STARR EAKLE, PH.D., *Assistant in Mineralogy and Petrography.*

The mineralogical section of the University Museum, built in 1890-91 with a fund of about \$50,000, raised wholly by subscription, forms the southern end of the University Museum, so far as at present completed. Entrance is by the south door on Oxford Street.

The exhibition room and gallery occupy the third and fourth floors and are open to the public on Wednesday and Sunday afternoons, from 1 to 5, and Saturday from 9 to 5.

The main mineralogical collections of the University are deposited here; they contain on the ground floor and gallery the large systematic collection with special features and collections, such as the J. Lawrence Smith collection of meteorites, the William Sturgis Bigelow agates, the Hamlin collection of tourmalines, and many unique specimens presented by James A. Garland and others.

**MINERALOGICAL LABORATORIES.**

The Laboratories of Mineralogy and Petrography occupy the second floor, first floor, and basement, and contain a laboratory for advanced crystallographic investigation and optical mineralogy on the second floor; the large lecture-room, general laboratory for elementary mineralogy and blow-pipe analysis, preparation-room and library on the first floor, and in the basement a chemical laboratory equipped for mineral and rock analysis, and two assay rooms equipped with furnaces for assaying and metallurgy.

The courses in mineralogy, crystallography, and petrography (Mineralogy 2, 3<sup>1</sup>, 7<sup>1</sup>, 8<sup>2</sup>, 12, 20) are given in these laboratories, where the instructors also receive properly qualified students who wish to follow special lines of mineralogical investigation.

**THE PEABODY MUSEUM**

OF

**AMERICAN ARCHAEOLOGY AND ETHNOLOGY.****FACULTY.**

- CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.  
 FREDERIC WARD PUTNAM, A.M., S.D., CURATOR, *Secretary*, and *Peabody Professor of American Archaeology and Ethnology*.  
 STEPHEN SALISBURY, A.M., LL.B.  
 CHARLES PICKERING BOWDITCH, A.M.  
 FRANCIS CABOT LOWELL, A.B.

**OFFICERS.**

- FREDERIC WARD PUTNAM, A.M., S.D., CURATOR, and *Peabody Professor of American Archaeology and Ethnology*.

**Appointed by the Faculty of the Museum.**

- CHARLES C. WILLOUGHBY, *Chief Assistant*.  
 ALICE C. FLETCHER, *Assistant* (Holder of the Thaw Fellowship).  
 ZELIA NUTTALL, *Honorary Assistant in Mexican Archaeology*.  
 JANE SMITH, *Assistant and Librarian*.  
 FRANCES H. MEAD, *Assistant and Secretary*.  
 EDWARD E. CHICK, *Assistant in Charge of the Building*.

**Appointed by the Corporation.**

- FRANK RUSSELL, A.M., *Assistant in Anthropology* (Holder of the Hemmenway Fellowship).  
 ROLAND BURRAGE DIXON, A.B., *Assistant in Anthropology*.



The entrance to the Museum is on Divinity Avenue. The present building is one-half of the contemplated structure which will form the southern wing of the University Museum. The Museum is in charge of the Curator and is open to the public, under proper restrictions, from 9 A.M. till 5 P.M. throughout the year, Sundays and holidays excepted. The arrangement of the collections is intended to facilitate research in General Anthropology with special reference to American and Comparative Archaeology and Ethnology. One of the galleries is temporarily occupied by the Semitic Museum of the University. The Mary Hemenway Collection of Archaeology and Ethnology of the southwestern tribes is arranged in the second gallery and in the large hall on the floor above. The collection obtained from the ancient ruins of Copan, by the special expeditions of the Museum, is arranged in the large hall on the third floor. The crowded condition of the hall will not permit its being opened to the public, but visitors will be admitted by applying at the office. The Anthropological Library, containing 1,838 volumes and 2,479 pamphlets, is open to members of the University. The publications of the Museum consist of Annual Reports, Special Papers and Memoirs.

In the Laboratories of the Museum, instruction is given in General Anthropology; and research courses, in American Archaeology and Ethnology and Somatology, are open to students in the Graduate School and to undergraduates by special permission.

The Serpent Mound Park in Adams County, Ohio, containing the great Serpent Mound, is the property of the Peabody Museum. The park has been laid out as an appropriate surrounding to the important prehistoric monument it contains, and is free to the public under proper restrictions.

In addition to scholarships and fellowships annually awarded to Graduate Students, on nomination by the Faculty of Arts and Sciences, some of which may be given to properly qualified students of American Archaeology and Ethnology, the following are available only for students of that subject, and are awarded on nomination by the Faculty of the Peabody Museum:—namely, the HEMENWAY FELLOWSHIP, the THAW FELLOWSHIP, and the ROBERT C. WINTHROP SCHOLARSHIP. For details concerning these appointments, see pages 455, 458, and 473.

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## THE SEMITIC MUSEUM.

### CURATOR.

DAVID GORDON LYON, PH.D., *Hollis Professor of Divinity.*

The Semitic Museum was founded in 1889 by JACOB H. SCHIFF, Esq., and was opened on May 13, 1891. It occupies temporarily a gallery in the new section of the Peabody Museum building, and is open to students

and the public daily, except Sundays and holidays, from 9 A.M. till 5 P.M. The object of the Museum is to gather such materials as shall illustrate the Semitic instruction given in the University, provide students and other specialists with the means of original research, and give to the general visitor as complete a view as possible of the products of Semitic art and archaeology.

The collection contains manuscripts, coins, photographs, Babylonian-Assyrian seals, cuneiform tablets of clay and stone, Phoenician glassware and a large number of casts of the finest of the Semitic monuments in the European museums. The objects are provided with descriptive labels. Beginning on the left of the door, the chronological order has been followed, where the size of the objects and the date of arrival have not hindered. The high cases in the room are largely filled with casts of Assyrian monuments, chiefly from the palaces of Assurnazirpal and Assurbanipal, ninth and seventh centuries B.C. The colored casts of monuments from the Babylonian ruin called Tello and from the ruins of the Persian Susa are among the finest in the collection. There are also casts of Hittite bas-reliefs and of Hittite and Persian inscriptions. There are twenty-five Mohammedan mortuary stones from Egypt with inscriptions in the Cufic character. A few of the manuscripts belonging to the museum, Syriac, Hebrew and Arabic, are exhibited in the railing case. The oldest is a Syriac manuscript of the Gospels written in 1207. Among the Hebrew manuscripts are a roll of the Law and rolls of the Prophets. Some of the latter are from Arabia and contain besides the Hebrew text a translation into Arabic written in Hebrew characters. In a case on the left of the door are the original Babylonian clay tablets, while one on the right contains the original stone seals and reproductions of many other small Assyrian and Babylonian objects. Of the many hundred photographs which the museum possesses, a few, chiefly representing Palestinian scenery, are on exhibition. In the room below is the cast of a winged lion, while in the basement are many cases of casts which, partly for lack of space, cannot yet be exhibited.

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## THE WILLIAM HAYES FOGG ART MUSEUM.

### DIRECTOR.

CHARLES HERBERT MOORE, A.M., *Professor of Art.*

The WILLIAM HAYES FOGG ART MUSEUM was founded by Mrs. ELIZABETH FOGG of New York in memory of her husband, whose name it bears. Mrs. Fogg bequeathed to the President and Fellows for this purpose the sum of \$220,000. Of this amount \$150,000 was expended on the hands

some fire-proof building which was completed in 1895 and is situated in the College Yard facing on Broadway. The building is of two stories with a large lecture room, having a seating capacity of about five hundred, attached. On the ground floor is a large hall for casts with five smaller rooms for casts and other objects. The upper floor has a large gallery and four smaller rooms for the exhibition of works of art and for administration. The collections thus far consist of casts from important works in sculpture of the ancient, mediæval, and Renaissance epochs, a classified collection of electrotypes from Greek and Roman coins, a small series of Greek vases, and a large and growing collection of photographs of works of art of all epochs and countries, including architecture, sculpture, and painting. These photographs are conveniently classified and catalogued; and are at all times accessible to members of the University and other visitors.

In the larger east room on the upper floor is deposited the **GRAY COLLECTION OF ENGRAVINGS**. This important and very valuable collection was bequeathed to Harvard College, with provision for its increase and maintenance, by the Hon. **FRANCIS CALLEY GRAY, LL.D.**, of the class of 1809. It was first deposited in Gore Hall under the care of Mr. Louis Thies, who prepared and published an elaborate Catalogue which forms a quarto volume of 530 pages. On the death of Mr. Thies, Dr. Ezra Abbott became its custodian; and later the Corporation appointed Mr. (now Professor) George H. Palmer its curator. On the completion of the building of the **BOSTON MUSEUM OF FINE ARTS** (the College having as yet no suitable place for its safe keeping and administration), it was loaned, for a term of seven years, to the Trustees of that institution and removed to Boston. Its first custodian in Boston was Mr. Erastus Brainerd, who was succeeded by Mr. E. H. Greenleaf. Later, it passed into the able curatorship of Mr. S. R. Koehler. The loan to the Trustees of the Boston Museum of Fine Arts was twice renewed, and in the autumn of 1897 the Corporation caused it to be returned to Cambridge and deposited in its present safe and convenient quarters under the care of the Director of the Museum — where it is always accessible to members of the University and to the public.

The Museum is open daily from 9 until 5 o'clock, and from 7 until 9 in the evening. On Sundays it is open from 1 until 5 in the afternoon.

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In addition to the Museums above named, the University possesses Museums at the **MEDICAL** and **DENTAL SCHOOLS** and the **SCHOOL OF VETERINARY MEDICINE**.

# BOTANIC GARDEN AND HERBARIUM.

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## THE BOTANIC GARDEN.

### OFFICERS.

GEORGE LINCOLN GOODALE, M.D., LL.D., DIRECTOR, and *Fisher Professor of Natural History.*

MERRITT L. FERNALD, S.B., *Nomenclator.*

ROBERT CAMERON, *Head Gardener.*

The BOTANIC GARDEN, founded in 1807, occupies about seven acres of land at the corner of Linnæan and Garden Streets, Cambridge. More than five thousand species of flowering plants are cultivated for educational and scientific purposes.

The range of greenhouses comprises eight divisions assigned respectively to: — (1) Succulents. (2) Australasian plants. (3) Mexican plants, and Ferns. (4) Palms and their allies. (5) Tropical orchids, aroids, etc. (6) Economic plants of hot climates. (7) Native plants forced into early blooming. (8) Plants grown for experimental use.

The space at the north-western part of the Garden is devoted to an exhibition of a large number of our North American species, with special reference to their morphology. The ground below the terrace is filled with illustrations of the Orders and principal Genera of the plants of the United States, together with species from the Old World for comparison.

The grounds and greenhouses are open to the public daily, from sunrise to sunset.

To students properly qualified, specimens of flowers and living plants are freely furnished, and facilities are offered in the laboratories in the Garden, for pursuing investigations in Morphology. Under certain restrictions, students are supplied with all necessary appliances for conducting experiments in Vegetable Physiology and its application to practical questions in horticulture.

From the first week in July until the second week in August, regular instruction in Botany is given at the Botanic Garden, in connexion with the Summer School of the Faculty of Arts and Sciences (see pp. 382-386).

## THE GRAY HERBARIUM.

## OFFICERS.

BENJAMIN LINCOLN ROBINSON, PH.D., CURATOR.

CYRUS GURNSEY PRINGLE, *Collector*.

MERRITT LYNDON FERNALD, S.B., *Assistant*.

JESSE MORE GREENMAN, A.B., *Assistant*.

MARY A. DAY, *Librarian*.

The GRAY HERBARIUM occupies a building in the Botanic Garden. The collection, presented to Harvard University in 1864 by the late Professor Asa Gray, now contains about two hundred and fifty thousand sheets of specimens and is the result of more than sixty years of continuous growth. It embraces all orders of flowering plants, vascular cryptogams, and bryophytes, while the fungi, lichens, and algae have now been transferred to the Cryptogamic Herbarium in the Botanical Division of the University Museum. The Gray Herbarium is rich in type specimens of species and varieties, in standard and rare phaenogamic *exsiccati*, and in the possession of the greater part of the specimens which have been critically studied in the preparation the "Synoptical Flora of North America."

The bryophytes, chiefly represented by the extensive and valuable collections of Sullivant, James, and Taylor, are not accessible for general consultation. Other parts of the Herbarium may be consulted, under supervision of the staff, by advanced students and other properly qualified persons. Visiting specialists receive such facilities for work as can be given without interrupting the regular duties of the staff.

The Library of the Herbarium, now including more than twelve thousand carefully selected volumes and pamphlets, is open for consultation to all persons interested in Botany.

The scientific publications of the Herbarium at present embrace the following classes of work: I. The continuation of the "Synoptical Flora of North America." II. The issue from time to time of "Contributions from the Gray Herbarium of Harvard University," a series of technical papers devoted chiefly to the characterization of new species and monographing of genera. III. The preparation of lesser articles, both technical and popular, published in various scientific journals.

# THE ASTRONOMICAL OBSERVATORY.

## OFFICERS.

CHARLES WILLIAM ELIOT, LL.D., PRESIDENT.

EDWARD CHARLES PICKERING, LL.D., DIRECTOR, and *Paine Professor of Practical Astronomy.*

ARTHUR SEARLE, A.M., *Phillips Professor of Astronomy.*

WILLIAM HENRY PICKERING, S.B., *Assistant Professor of Astronomy.*

OLON IRVING BAILEY, A.M., *Assistant Professor of Astronomy.*

OLIVER CLINTON WENDELL, A.M., *Assistant.*

JOHN RAYNER EDMANDS, S.B., *Assistant.*

ABBOTT LAWRENCE ROTCH, A.M., *Assistant in Meteorology.*

WILLARD PEABODY GERRISH, *Assistant.*

EDWARD SKINNER KING, A.M., *Assistant.*

The ASTRONOMICAL OBSERVATORY was established by means of a subscription initiated in 1843. The SEARS TOWER was completed in 1846; and the great refractor was received at the close of the same year. In 1848, EDWARD BROMFIELD PHILLIPS, of the Class of 1845, bequeathed to the University the sum of one hundred thousand dollars for the benefit of the Observatory. In 1885, ROBERT TREAT PAINE, of the Class of 1822, bequeathed his entire fortune, amounting to more than a quarter of million of dollars, to the University for the Observatory.

The Observatory was founded for the purpose of scientific research in all departments of Astronomy. To fulfil this purpose, it has been equipped with instruments of the first class and with a library of more than twenty thousand works (of which about half are pamphlets), principally relating to astronomical subjects. It has likewise been provided with funds for the maintenance and increase of its equipment and library, and for the payment of its current expenses, special provision having also been made for the publication of its observations.

One of the principal departments of the Observatory is the HENRY DRAPER MEMORIAL, maintained by Mrs. Draper to permit the study on a large scale of the spectra and other physical properties of the fixed stars.

The BOYDEN FUND furnishes the means of establishing an observing station at a considerable elevation, to avoid the serious difficulties in observation which arise from atmospheric causes. After preliminary experiments on mountains in Colorado and California, a station was established in the Andes, near Chosica, Peru, under the direction of Professor Bailey. This has been transferred to a site about 8000 feet high, near

Arequipa, Peru, where observations were conducted for two years under the direction of Professor W. H. Pickering. Professor Bailey has now returned to Peru and has taken charge of the station. He has recently established a series of meteorological stations crossing the Andes at the respective elevations of 100, 4,150, 8,060, 13,300, 15,600, 19,200, 11,000 and 8,000 feet.

In coöperation with the BLUE HILL METEOROLOGICAL OBSERVATORY, under the direction of Mr. Rotch, meteorological observations are maintained, and the results published in the *Annals of the Observatory*. The Blue Hill Observatory is situated upon land recently taken by the State as a public park, but a portion of this land has been leased to Harvard College, in order to ensure the continuance of the meteorological observations.

The Observatory is now provided with a photographic telescope of greater size than that of any similar instrument hitherto constructed. This telescope is the gift of Miss C. W. BRUCE, of New York. Its object-glass consists of four lenses, each 24 inches in aperture. The work for which it is specially designed is the production of stellar charts and photographs of stellar spectra. This instrument is now mounted at Arequipa, and is in use every clear evening.

By the mutual consent of astronomers, the Kiel and Harvard Observatories have been selected as the centres for the prompt announcement of astronomical discoveries. For example, when a comet is discovered in America its position is telegraphed to this Observatory, from here to Kiel, and thence to all the principal observatories of Europe.

Forty assistants take part in the work of the Observatory. The results obtained are published in a series of *ANNALS*, and now fill thirty-six quarto volumes. The preparation of these volumes occupies a large part of the force at the Observatory in Cambridge. Besides this labor, a large amount of observation is done there, several instruments being kept in constant use. The largest of these are the fifteen-inch and six-inch equatorial telescopes, the eight-inch transit circle, the eleven-inch Draper photographic telescope, the eight-inch photographic telescope, and the meridian photometer.

Instruction in Astronomy is not given at the Observatory, either by lectures or recitations. Facilities are freely offered to astronomers for making use of the library, buildings, grounds, and instruments (and photographs) of the Observatory, so far as this can be done without interfering with regular work. Similar opportunities are sometimes offered to students specially devoting themselves to the study of Astronomy, but the constant employment of the principal instruments greatly limits the use that can be made of them for this purpose. Such students may apply for admission to the Director, with whom the fees for the privileges offered may be agreed upon. In some cases a part or the whole of the fees may be remitted in consideration of services rendered in computation.

# EXERCISE AND ATHLETIC SPORTS.

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## THE HEMENWAY GYMNASIUM.

### OFFICERS.

DUDLEY ALLEN SARGENT, A.M., M.D., S.D., DIRECTOR.

JAMES GRAY LATHROP, *Instructor in Athletics.*

FRANCES DOHS, *Instructor in Gymnastics.*

CLARENCE BERTRAND VAN WYCK, *Recorder.*

This Gymnasium, named in honor of AUGUSTUS HEMENWAY, of Boston, of the Class of 1875, who gave it to the University, is a handsome and spacious structure, built in 1878 and equipped with the utmost thoroughness.

The growth of the University and the interest in this department during the past fifteen years has necessitated an increase of room and facilities which Mr. Hemenway has met by making an extensive addition to the Gymnasium in 1895.

This new addition affords an increased floor area of 15,000 square feet with locker, bathing, and dressing rooms, accommodating 2500 students.

An area of some 12,000 square feet of ground immediately connected with the Gymnasium has been enclosed, graded, and covered with asphalt, to afford facilities for practising gymnastic exercises and games in the open air.

The Gymnasium proper has a floor space of 30,000 square feet including a large main hall for general exercise, a running-gallery, rowing-room, and basement for Bowling Alleys, Hand Ball Courts, and rooms for Fencing, Sparring, Wrestling, and other exercises.

The Main Hall is furnished with a large variety of light and heavy gymnastic apparatus and all the best patterns of the modern developing appliances.

The building is lighted throughout by electricity and warmed and ventilated by a novel arrangement of steam pipes, light wells, and air shafts.

*The Gymnasium is open to all members of the University free of expense, on week days from 11 A.M. to 1 P.M., 3 to 5.30, and 8 to 10 P.M., except on Saturdays, when it is closed at 7 o'clock.*



The attendance is voluntary, and the system adopted is one designed to meet the special wants of each individual. Realizing the great diversity in age, size, and strength, as well as in health, of the students who attend the University, the Director makes no attempt to group them into classes pursuing the same course of exercises.

Upon entering the University, each student is entitled to an examination by the Director, in which his physical proportions are measured, his strength tested, his heart and lungs examined, and information solicited concerning his general health and inherited tendencies. From the data thus procured, a special order of appropriate exercises is made out for each student, with specifications of the movements and apparatus which he may best use. These exercises are marked in outline on cards without charge, or in handbooks accompanied by charts at a small expense. After working on this prescription for three or six months, the student is entitled to another examination, by which the results of his work are ascertained, and the Director enabled to make a further prescription. Students holding Scholarships are expected to be examined twice a year; and those desiring to enter Athletic Contests are required to be examined by the Director and to obtain his permission so to do.

In addition to the individual prescriptions, there are classes in Free Movements and Light Gymnastics designed to afford an opportunity for general development to all students of the University who are not members of the athletic teams or who are not in need of specially prescribed exercises.

All students of Harvard University desiring to enter as competitors in Athletic Contests are required to give evidence of their ability by making the following strength tests, in addition to the regular physical examinations:—

Candidates for the University Crew and Foot Ball Team and Weight Throwers are expected to make a total strength test of 700 points.

Candidates for the Class Crews and Foot Ball Teams and Gymnastic, Wrestling and Sparring Contests are expected to make a total strength test of 600 points.

Candidates for the University and Class Ball Nines, LaCrosse Teams, Track and Field Events are expected to make a total strength test of 500 points.

These points are reckoned as follows:— The number of kilos. lifted with the back and legs straight, and the number of kilos. lifted with the legs bent, added to the strength of the grip of the right and left hand, expiratory power as tested by the manometer, and one-tenth of the weight in kilos. multiplied by the number of times that the person can raise his weight by dipping between the parallel bars and pulling his weight up to his chin on the rings. Where the strength test falls below the desired

standard the capacity of lungs is taken into account in summing up the condition.

These tests are made and certificates granted on any day, excepting Saturday and Sunday, between 2 and 4 P. M. within two weeks previous to a contest, but no examinations are made or certificates granted on the day of the contest.

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## COMMITTEE ON THE REGULATION OF ATHLETIC SPORTS.

### FACULTY MEMBERS.

IRA NELSON HOLLIS, CHAIRMAN, *Professor of Engineering.*  
EDWARD HICKLING BRADFORD, A.M., M.D., *Assistant Professor of Orthopedics.*  
EDWIN HERBERT HALL, PH.D., *Professor of Physics.*

### GRADUATE MEMBERS.

AUGUSTUS PEABODY GARDNER, A.B.  
WILLIAM ALLEN BROOKS, JR., A.M., M.D.  
LOUIS ADAMS FROTHINGHAM, A.B., LL.B.

### UNDERGRADUATE MEMBERS.

JAMES HANDASYD PERKINS, *Class of 1898*, SECRETARY.  
MALCOLM DONALD, *Class of 1899.*  
EDWARD GUYER BURGESS, JR., *Class of 1900.*

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NORMAN WILLIAMS BINGHAM, A.B., GRADUATE TREASURER.

The President and Fellows established the Committee on the Regulation of Athletic Sports by the following vote, to which the Overseers consented:—

“*Voted*, That the following be adopted as one of the standing rules and orders of the President and Fellows and the Board of Overseers:—

“A Committee for the Regulation of Athletic Sports shall hereafter be annually appointed and chosen as follows: three members of the University Faculties, and three graduates of the College—these six to be appointed by the Corporation with the consent of the Overseers; and also

three undergraduates to be chosen during the first week of the College year by the majority vote of the following students: the Presidents of the Senior, Junior and Sophomore classes, and a representative from each of the following athletic organizations: the Boat Club, the Cricket Club, and the Athletic, Base-ball, Foot-ball, Cycling, and Tennis Associations, who shall be called together for the purpose of making this choice by the President of the University.

"This Committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of Arts and Sciences, as defined by the Statutes."

Under the authority thus conferred the Committee exercises a general supervision over the grounds and buildings devoted by the University to athletic sports and exercise; over the times and places of athletic contests; and over the physical condition of those engaged in them. The regulations framed by the Committee forbid the employment of unauthorized persons as trainers, and require intercollegiate and other contests to be held at such times and places as will cause least interference with study. No person is permitted to take part in athletic contests without a physical examination by the Director of the Gymnasium, and his permission so to do. No person who is not a student of some department of the University in full and regular standing is allowed to take part in any athletic contest or exhibition. The Committee chooses its own officers, and appoints a Graduate Treasurer, who exercises supervision over the accounts of all athletic organizations using University grounds or buildings. The Committee makes a report annually to the President of the University.

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## BUILDINGS FOR ATHLETIC USES.

Besides the Gymnasium, four other buildings are held, either by the University or by trustees, for the exclusive use of students of the University.

By the gift of HENRY ASTOR CAREY, Esq., a substantial brick building was erected in 1889-90 on Holmes Field for the use of members of the principal teams. It has a floor area of 7848 square feet.

The UNIVERSITY BOAT HOUSE, situated on Charles River, about half a mile from the College, is used principally by regular crews. It has a floor space of 6893 square feet.

By the gift of GEORGE WALKER WELD, of the Class of 1860, a second boat house was erected in 1889-90 for the use chiefly of students not rowing

on regular crews. It is situated about one third of a mile from the College, and has lockers and boat-storage sufficient for the use of 300 students.

By subscriptions from Alumni the "Locker Building" was erected in 1893-94 on Soldier's Field. This building has a capacity of 1500 lockers, and contains also large shower-rooms and dressing-rooms.

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## PLAY-GROUNDS.

For out-door exercise, the University and the students themselves have provided three grounds. HOLMES FIELD, adjacent to the Gymnasium and Carey Building, is about 450 feet by 600 feet, and has an unencumbered area of about five acres.

JARVIS FIELD, a few hundred feet from Holmes Field, is about four acres in area, and is used exclusively by tennis-players.

By a gift made to the University in 1890 by HENRY LEE HIGGINSON, of the Class of 1855, the students are provided with an additional play-ground of twenty acres. This new field, named by the donor the SOLDIER'S FIELD, is situated in Allston, at a short distance across the Charles River, and is within easy reach of the College Yard. It is used for foot-ball and other sports. The students have erected upon this field permanent seats for ten thousand persons.



**PART III**



**RADCLIFFE COLLEGE**



## RADCLIFFE COLLEGE.

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In 1879, the SOCIETY FOR THE COLLEGIATE INSTRUCTION OF WOMEN was organized for the purpose of providing systematic instruction for women by professors and other instructors in Harvard University. The work thus begun was carried on with increasing success, but in no official relation with the University, until 1894, when the name of the Society was changed, by act of the General Court of Massachusetts, to RADCLIFFE COLLEGE. By the same act Radcliffe College is authorized "to furnish instruction and the opportunities of collegiate life to women, and to promote their higher education"; and "to confer on women all honors and degrees as fully as any university or college in this Commonwealth is now so empowered respecting men or women,—*provided, however*, that no degree shall be so conferred by the said Radcliffe College except with the approval of the President and Fellows of Harvard College, given on satisfactory evidence of such qualification as is accepted for the same degree when conferred by Harvard University." Further, "it may confer at any time upon the President and Fellows of Harvard College such powers of visitation and of direction and control over its management as the said Radcliffe College may deem it wise to confer, and the said President and Fellows of Harvard College may consent to assume."

Under this provision, and with the consent of the Board of Overseers, the PRESIDENT AND FELLOWS OF HARVARD COLLEGE have been constituted the BOARD OF VISITORS of Radcliffe College; and they have authorized the President to countersign the diplomas of Radcliffe College and to affix to them the seal of Harvard University. The administration of the affairs of Radcliffe College and the powers and functions of all its officers are subject to the direction and control of the Board of Visitors, and no instructor or examiner can be appointed, employed, or retained, without their approval.

The immediate government of the College is vested in a COUNCIL and an ACADEMIC BOARD. The Council, consisting of the President, the Dean, and the Chairman of the Academic Board, with seven other members chosen by the ASSOCIATES, each for the term of seven years, has general control of all the affairs of the College, including the educational work, the



government of the students, and the conferring of degrees. The Chairman of the Academic Board must be a member of the Faculty of Arts and Sciences of Harvard University, and his election is subject to the express approval of the Board of Visitors. The President and Dean are *ex-officio* members of the Academic Board. The remaining members are appointed annually by the Associates, subject to the express approval of the Board of Visitors, from the teachers or Associates of Radcliffe College who are also members of the Faculty of Arts and Sciences of Harvard University. The Academic Board has the direction, subject to the control of the Council, of the instruction and the examinations of the College, and has all the duties and powers in respect thereto which usually belong to a College Faculty, including the recommendation of candidates for all degrees which are conferred by the College; but only those members who are also members of the Faculty of Arts and Sciences of Harvard University vote upon recommendations for degrees.

### ASSOCIATES.

[*The Associates of Radcliffe College constitute its Corporation.*]

ELIZABETH CARY AGASSIZ, PRESIDENT.

AGNES IRWIN, DEAN.

HENRY LEE HIGGINSON, A.M., TREASURER.

WILLIAM ELWOOD BYERLY, PH.D., CHAIRMAN OF THE ACADEMIC BOARD.

ANNIE LELAND BARBER, A.M.

MARY COES, A.M.

MARY HUNTINGTON COOKE.

ARTHUR GILMAN, A.M.

STELLA SCOTT GILMAN.

GEORGE LINCOLN GOODALE, M.D., LL.D.

WILLIAM WATSON GOODWIN, PH.D., LL.D., D.C.L.

JOHN CHIPMAN GRAY, A.M., LL.D.

JAMES BRADSTREET GREENOUGH, A.B.

LILIAN HORSFORD.

ALICE MARY LONGFELLOW.

GRACE HARRIET MACURDY, A.B.

ELLEN FRANCIS MASON.

CHARLES ELIOT NORTON, LITT.D., LL.D.

JAMES MILLS PEIRCE, A.M.

CLEMENT LAWRENCE SMITH, A.M., LL.D.

JOSEPH BANGS WARNER, A.M., LL.B.

SARAH WYMAN WHITMAN.

## BOARD OF VISITORS.

THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE.

## COUNCIL.

ELIZABETH CARY AGASSIZ, CHAIRMAN. }  
 AGNES IRWIN. } *Ex officio.*  
 WILLIAM ELWOOD BYERLY, PH.D. }  
 WILLIAM WATSON GOODWIN, PH.D., LL.D., D.C.L.  
 SARAH WYMAN WHITMAN.  
 CLEMENT LAWRENCE SMITH, A.M., LL.D.  
 LILIAN HORSFORD.  
 JOHN CHIPMAN GRAY, A.M., LL.D.  
 JOSEPH BANGS WARNER, A.M., LL.B.  
 ALICE MARY LONGFELLOW.

## ACADEMIC BOARD.

WILLIAM ELWOOD BYERLY, PH.D., CHAIRMAN, *Professor*  
*of Mathematics.* }  
 ELIZABETH CARY AGASSIZ. } *Ex officio.*  
 AGNES IRWIN. }  
 JAMES BRADSTREET GREENOUGH, A.B., *Professor of Latin.*  
 EDWARD LAURENS MARK, PH.D., LL.D., *Professor of Anatomy.*  
 JOHN HENRY WRIGHT, A.M., *Professor of Greek.*  
 SILAS MARCUS MACVANE, PH.D., *Professor of History.*  
 BENJAMIN OSGOOD PEIRCE, PH.D., *Professor of Mathematics and*  
*Natural Philosophy.*  
 HANS CARL GÜNTHER VON JAGEMANN, PH.D., *Assistant Professor of*  
*Germanic Philology.*  
 WILLIAM JAMES ASHLEY, A.M., *Professor of Economic History.*  
 GEORGE LYMAN KITTREDGE, A.B., *Professor of English.*

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MARY COES, A.M., *Secretary.*  
 CAROLINE A. FARLEY, *Librarian.*

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HENRY PICKERING WALCOTT, A.B., M.D., *Medical Adviser.*

## STUDENTS.

## GRADUATE STUDENTS.

- Aldrich, Alzora, A.B. (*Wellesley*) 1896,  
 Arnold, Abby Noyes, A.B. (*Smith*) 1892,  
 Austin, Susie Lillian, A.B. (*Vassar*) 1895,  
 Baker, Caroline Isabel, B.L. (*Smith*) 1893,  
 Baldwin, Alice Cary, A.B. (*Wellesley*) 1890,  
 Barber, Annie Leland, A.B. 1883, A.M. (*Columbia*)  
 1891,  
 Benneson, Cora Agnes, A.B. (*Univ. of Michigan*)  
 1878, LL.B. (*ibid.*) 1880, A.M. (*ibid.*) 1883,  
 Bosworth, Laura Fox, B.L. (*Ottawa Univ.*) 1895,  
 Bowers, Mary Alice, B.L. (*Smith*) 1895,  
 Bowman, Mabel Emily, A.B. (*Wellesley*) 1897,  
 Brooks, Sarah Wells, A.B. 1892,  
 Buckingham, Harriet Dean, A.B. 1895,  
 Burchenal, Ruth Merriam, B.L. (*Earlham*) 1896, *Fort Slocum, N. Y.*  
 Bytel, Miriam Adeline, A.B. 1895,  
 Carter, Martha, A.B. 1897,  
 Davenport, Frances Gardiner, A.B. 1894, A.M. 1896,  
 Dix, Beulah Marie, A.B. 1897,  
 Fletcher, Caroline Rebecca, A.B. (*Wellesley*) 1889,  
 Flint, Susie May, A.B. (*Boston Univ.*) 1896,  
 Folsom, Clara Pomeroy, A.B. 1897,  
 Goodwin, Frances Cullis, A.B. (*Smith*) 1886, A.M.  
 (*Radcliffe*) 1894,  
 Griswold, Ellen Chase, A.B. 1891,  
 Hall, Edith Alden, A.B. 1896,  
 Hardy, Mary Chapman, A.B. (*Smith*) 1885,  
 Harper, Carrie Anna, A.B. 1896,  
 Hartwell, Maude Appleton, B.L. (*Smith*) 1893,  
 Howe, Jennie Armstrong, A.B. (*Butler*) 1889,  
 Kendall, Elizabeth Kimball (*Oxford, Eng.*),  
 King, Lida Shaw, A.B. (*Vassar*) 1890, A.M. (*Brown*  
*Univ.*) 1894,  
 Lane, Katharine Jane, A.B. (*Wellesley*) 1890,  
 Low, Florence, A.B. (*Smith*) 1897,  
 Macvane, Edith Elizabeth, A.B. 1894,  
 Mansfield, Christine Tillson, B.L. (*Smith*) 1892,  
 Murch, Philura Eveline, A.B. (*Oregon State Univ.*)  
 1887,
- Westerly, R. I.*  
*North Abington.*  
*Jefferson.*  
*Worcester.*  
*Cambridge.*  
*Meadville, Pa.*  
*Cambridge.*  
*Wellsville, Kans.*  
*Saco, Me.*  
*Somerville.*  
*Cambridge.*  
*Cambridge.* [*bor.*]  
*Fort Slocum, N. Y.*  
*Nazareth, Pa.*  
*Newtonville.*  
*Cambridge.*  
*Cambridge.*  
*Cambridge.*  
*Melrose.*  
*Cambridge.*  
*Boston.*  
*Boston.*  
*Cambridge.*  
*Arlington.*  
*Charlestown.*  
*Boston.*  
*Kokomo, Ind.*  
*Boston.*  
*Providence, R. I.*  
*Roxbury.*  
*Salem.*  
*Cambridge.*  
*Dedham.*  
*Coburg, Oregon.*

- Muzzy, Maud Eliza, A.B. (*Wesleyan Univ.*) 1893, *Searsmont, Me.*  
 Otis, Sarah Hobart, A.B. 1897, *Watertown.*  
 Paton, Lucy Allen, A.B. 1892, A.M. 1894, *Cambridge.*  
 Pedrick, Catharine Francis, B.S. (*Wellesley*), 1889, *Lawrence.*  
 Penfield, Lida Scovil, A.B. (*Boston Univ.*) 1894, *Oswego, N. Y.*  
 A.M. (*ibid.*) 1896, *Cleveland; O.*  
 Perry, Maud Isabel, A.B. 1896, *Urbana, Ill.*  
 Pillsbury, Bertha Marion, A.B. (*Univ. of Illinois*)  
 1895, *Evanston, Ill.*  
 Porter, Alice Downey, A.B. (*DePauw Univ.*) 1879, *Saxonville.*  
 A.M. (*ibid.*) 1882, *New York, N. Y.*  
 Puffer, Ethel Dench, A.B. (*Smith*) 1891, *Brookline.*  
 Reid, Estelle, A.B. (*Bryn Mawr*) 1894, *Cambridge.*  
 Runkle, Catharine Bird, A.B. Certificate of *Society*  
*for Collegiate Instruction of Women*, 1886, A.M. *Waterville, Me.*  
 (*Columbia*) 1890, *Charlestown.*  
 Sawyer, Caroline Aiken, A.B. (*Boston Univ.*) 1885, *Collamer, N. Y.*  
 Sibley, Dora May, A.B. (*Colby Univ.*) 1892, *Cambridge.*  
 Simpson, Nellie Isabel, A.B. (*Boston Univ.*) 1894, *Cambridge.*  
 A.B. (*Radcliffe*) 1895, A.M. (*ibid.*) 1896, *Chattanooga, Tenn.*  
 Smith, Anna Hemans, A.B. (*Syracuse Univ.*) 1889, *Whitesboro', N. Y.*  
 A.M. (*Ohio Univ.*) 1894, *Cambridge.*  
 Stickney, Delia, B.S. (*Mass. Inst. of Technology*)  
 1889, *Cambridge.*  
 Taylor, Edith Winthrop, A.B. 1897, *Cambridge.*  
 Trimble, Jessie, A.B. (*Western College*) 1895, *Chattanooga, Tenn.*  
 Tunbridge, Helen Elizabeth, A.B. (*Bryn Mawr*)  
 1897, *Whitesboro', N. Y.*  
 Watts, Jennie Chamberlain, A.B. 1897, *Cambridge.*  
 Whipple, Mary Ella, A.B. (*Wellesley*) 1879, A.M.  
 (*ibid.*) 1887, *Worcester.*  
 Willard, Constance Perley, A.B. (*Smith*) 1895, *Newton.*  
 Williams, Sarah Pamela, A.B. (*Wellesley*) 1892, *Boston.*  
 Witham, Rose Adelaide, A.B. (*Smith*) 1895, *Somerville.*  
 Yerxa, Sarah Emma, A.B. 1894, *Cambridge.*

## SENIOR CLASS.

- Barton, Marguerite, *Brookline.*  
 Berry, Katharine Chase, *Cambridge.*  
 Bigelow, Sarah Alice, *Lexington.*  
 Brigham, Pauline Wight, *Jamaica Plain.*  
 Chandler, Sarah Elizabeth, *Cambridge.*  
 Chase, Edith Frances, *Concord Junction.*

Chase, Kate Pineo,  
 Clark, Mary Ellery,  
 Clough, Sarah Elizabeth,  
 Drew, Bertha Vincent,  
 Drury, Frances Mary,  
 Edwards, Jean Tay,  
 Fellows, Maude Lucy,  
 Flanigan, Gertrude Mary,  
 Goldthwait, Cora Olive,  
 Griffiths, Ida,  
 Griswold, Kate Daniels,  
 Hahn, Beatrice Erskine,  
 Hall, Gertrude Freeman,  
 Heinzen, Henriette Marie,  
 Horne, Edith Temple,  
 Humphrey, Caroline Louise,  
 Huse, Blanche Manahan,  
 Jewett, Maria Louise,  
 Keene, Frances Blackler,  
 Landrum, Grace Warren,  
 Leonard, Margaret,  
 Lincoln, Maude Winthrop,  
 Locke, Florence Adeline,  
 Merrill, Eva Helen,  
 Nickerson, Margaret Morton,  
 O'Donnell, Mary Teresa,  
 Sawyer, Edith Lillian,  
 Scott, Alberta Virginia,  
 Sharples, Sarah Hall,  
 Stratton, Annie Frances,  
 Sylvester, Amy Bailey,  
 Whitney, Edith Fiske,  
 Wing, Lillian May,  
 Winship, Edith Annette,  
 Wood, Maud May,

*Hyannis.*  
*Newtonville.*  
*Lynn.*  
*Newton.*  
*Concord.*  
*Boston.*  
*Cambridge.*  
*Jamaica Plain.*  
*Lynn.*  
*Poughkeepsie, N. Y.*  
*Boston.*  
*Newark, N. J.*  
*North Adams.*  
*Roxbury.*  
*Pope's Hill.*  
*Cambridge.*  
*Somerville.*  
*East Boston.*  
*Lynn.*  
*Atlanta, Ga.*  
*Hinsdale, N. H.*  
*Dorchester.*  
*Cambridge.*  
*Cambridge.*  
*West Newton.*  
*Cambridge.*  
*Arlington.*  
*Cambridge.*  
*Cambridge.*  
*Cambridge.*  
*Somerville.*  
*Lincoln.*  
*Fall River.*  
*Somerville.*  
*Woburn.*

JUNIOR CLASS.

Baker, Lida May,  
 Barnard, Eleanor,  
 Blanchard, Grace Towns,  
 Boody, Bertha May,  
 Bowers, Lottie Gertrude,  
 Brooks, Alice Mason,

*Roxbury.*  
*West Newton.*  
*Swampscott.*  
*Brookline.*  
*West Somerville.*  
*Cambridge.*

Bubier, Harriet Atherton,  
 Campbell, Marian Dickinson,  
 Carr, Maria Louise,  
 Carter, Elinor Lawton,  
 Cliff, Mary Alberta,  
 Cornell, Clara Baylies,  
 Cunningham, Hester,  
 Davis, Bessie Delight,  
 Dean, Mary Williams,  
 Drew, Dora May,  
 Gay, Edith,  
 Gould, Celia Masson,  
 Gragg, Florence Alden,  
 Greene, Mary Avery,  
 Harrington, Marion Leslie,  
 Hodgkins, Mabel,  
 Howland, Mary Potter,  
 Hunter, Elizabeth Helen,  
 Ingraham, Jane Terry,  
 James, Cornelia,  
 Josselyn, Flora Lamont,  
 Ketcham, Ethel Belden,  
 Lovell, Charlotte Helen,  
 McGlinchey, Elizabeth Anastasia,  
 Marean, Edith Endicott,  
 May, Lucy Isabelle,  
 Newman, Lillian Wadleigh,  
 Nichols, Myra Hall,  
 O'Connor, Susana Teresa,  
 Priest, Mabel Eaton,  
 Purcell, Margaret Anna,  
 Rand, Mary Allen,  
 Rand, Philinda Parsons,  
 Sampson, Ethel Vaughan,  
 Sever, Jane Elliott,  
 Sherwood, Mary Josephine,  
 Sias, Hattie Caroline,  
 Swan, Florence Wellington,  
 Wilcox, Mabel Martin,

*Lynn.*  
*Middlefield, Conn.*  
*West Newton.*  
*Newtonville.*  
*Boston.*  
*South Braintree.*  
*East Milton.*  
*Somerville.*  
*Boston.*  
*Canton, China.*  
*Boston.*  
*Allston.*  
*Cambridge.*  
*Arlington.*  
*Hull.*  
*Gloucester.*  
*Cambridge.*  
*Allston.*  
*New Bedford.*  
*Newport, Minn.*  
*Cambridge.*  
*Dover Plains, N. Y.*  
*Harding.*  
*Cambridge.*  
*Cambridge.*  
*Boston.*  
*Winchester.*  
*Boston.*  
*Lawrence.*  
*Watertown.*  
*Somerville.*  
*Watertown.*  
*Somerville.*  
*Newtonville*  
*Cambridge.*  
*Newtonville*  
*Cambridge.*  
*Cambridge.*  
*Roxbury.*

## SOPHOMORE CLASS.

Annabel, Anna Gertrude,	<i>Portsmouth, N. H.</i>
Arnold, Mabel Veazie,	<i>Cambridge.</i>
Bacon, Mary,	<i>Goshen, N. Y.</i>
Baker, Gertrude Mabel,	<i>Cambridge.</i>
Batchelor, Ellen Thaxter,	<i>Cambridge.</i>
Bradbury, Margaret Seymour,	<i>Cambridge.</i>
Burroughs, Grace Evelin,	<i>Somerville.</i>
Byron, Helen Margaret Ferguson,	<i>West Medford.</i>
Caverly, Flora Elizabeth,	<i>Chelsea.</i>
Chamberlain, Alice Demary,	<i>Cambridge.</i>
Cilley, Mabel,	<i>Exeter, N. H.</i>
Colman, Elizabeth Woodman,	<i>Arlington.</i>
Cook, Blanche Newton,	<i>Brookline.</i>
Daniels, Mabel Wheeler,	<i>Boston.</i>
Davis, Amelia Washburn,	<i>West Newton.</i>
Dennett, Grace Eunice,	<i>Arlington.</i>
Eaton, Sarah Brown,	<i>Providence, R. I.</i>
Fitzpatrick, Adèle,	<i>Arlington.</i>
Fluhrer, Helen Pullman,	<i>New York, N. Y.</i>
Fullerton, Katharine Elizabeth,	<i>Brockton.</i>
Goodnow, Marion Colman,	<i>Jamaica Plain.</i>
Gould, Mary Frances,	<i>Everett.</i>
Griffin, Mary Florence,	<i>Washington, D. C.</i>
Haines, Brenda,	<i>Cambridge.</i>
Harriman, Olivia Clifford,	<i>Dorchester.</i>
Hooper, Rebecca Lane,	<i>Brooklyn, N. Y.</i>
Hunt, Mary Rhoades,	<i>Belmont.</i>
Hurd, Edith Lizzie,	<i>Somerville.</i>
Ilsley, Charlotte,	<i>Chelsea.</i>
Jackson, Annie Leora,	<i>Chelsea.</i>
James, Florence Wellington,	<i>Cambridge.</i>
James, Katharine Hall,	<i>Cambridge.</i>
Johnson, Clara Blanche,	<i>Springfield.</i>
Kauffmann, Florence Henrietta,	<i>East Lexington.</i>
Keith, Ethel Lathrop,	<i>Cambridge.</i>
Kimball, Alice May,	<i>Cambridge.</i>
Livermore, Evelyn Munroe,	<i>Townsend.</i>
Loring, Ruth Dingley,	<i>Cambridge.</i>
Loughlin, Mary Theresa,	<i>Dorchester.</i>
Lund, Frances Vannevar,	<i>Bedford.</i>
McIntyre, Clara Frances,	<i>Lexington.</i>

Marshall, Edith Wolcott,  
 Muzzey, Annie Leonard,  
 Opdyke, Agnes,  
 Ordway, Louise Adams,  
 Porter, Alice Garfield,  
 Pousland, Caroline Loring,  
 Prescott, Lucy Maria,  
 Ranlett, Helen Augusta,  
 Roper, Cora Frances,  
 Rotch, Edith Eliot,  
 Sprague, Lucy,  
 Tenney, Elizabeth Hale,  
 Tileston, Mary Wilder,  
 Ward, Helen Alden,  
 Watson, Mabel Dow,  
 White, Josephine Ames,  
 Whiton, Mary Knowlton,  
 Winslow, Edith Baker,

*Boston.*  
*Lexington.*  
*Plainfield, N. J.*  
*Concord, N. H.*  
*West Medford.*  
*Salem.*  
*Arlington.*  
*St. Albans, Vt.*  
*Roxbury.*  
*Jamaica Plain.*  
*Sierra Madre, Cal.*  
*Cambridge.*  
*Mattapan.*  
*Cambridge.*  
*Cambridge.*  
*Roxbury.*  
*Plainfield, N. J.*  
*Cambridge.*

## FRESHMAN CLASS.

Allen, Mary Lucetta,  
 Atkinson, Mary Heath,  
 Barnes, Jennie Carlisle,  
 Bates, Almira Wellington,  
 Brown, Elizabeth Lyman,  
 Cahill, Mary Agnes,  
 Chapman, Effie Louise,  
 Chase, Alice Gertrude,  
 Coe, Edith Mary,  
 Cogan, Mary Agnes,  
 Cook, Eleanor Dwight,  
 Curry, Josephine Margaret,  
 Davis, Helen Russell,  
 Dewey, Marjorie,  
 Doe, Helen,  
 Douglass, Jessie May,  
 Drew, Sally Maynard,  
 Dunn, Louise Cushing,  
 Ehrenfried, Martha Marion,  
 Faxon, Henrietta,  
 Flanigan, Clara Louise,  
 Flood, Katharine,  
 Ford, Mary Agnes Teresa,

*Cambridge.*  
*Brookline.*  
*Chelsea.*  
*Cambridge.*  
*Charlestown.*  
*Cambridge.*  
*Turner's Falls.*  
*Cambridge.*  
*New York, N. Y.*  
*Cambridge.*  
*Cambridge.*  
*Brighton.*  
*St. Paul, Minn.*  
*Newton.*  
*Salmon Falls, N. H.*  
*Boston.*  
*Lancaster, N. H.*  
*Houlton, Me.*  
*Boston.*  
*Boston.*  
*Jamaica Plain.*  
*Newton.*  
*Somerville.*



Foxcroft, Faith,	<i>Cambridge.</i>
Gardiner, Elizabeth Manning,	<i>Newton Centre.</i>
Goddard, Marie Anthony,	<i>Wellesley Hills.</i>
Graham, Florence Imogene,	<i>West Somerville.</i>
Hale, Edith,	<i>Roxbury.</i>
Hamlin, Happie Adelaide,	<i>West Somerville.</i>
Harroun, Edna,	<i>Kansas City, Mo.</i>
Hendrie, Edna Florence,	<i>Denver, Col.</i>
Hunt, Selma,	<i>Newton.</i>
Jackson, Susan Loring,	<i>Cambridge.</i>
James, Helen,	<i>Newport, Minn.</i>
Leonard, Katharine.	<i>Charlestown.</i>
Leonard, Léonide,	<i>Newton Highlands.</i>
Lombard, Bertha Stearns,	<i>Cambridge.</i>
Lund, Mabel Carlisle,	<i>Bedford.</i>
Lynch, Grace Veronica,	<i>Boston.</i>
Mayall, Ethel Bartlett,	<i>Melrose.</i>
Mead, Mary Frances,	<i>West Somerville.</i>
Monroe, Carrie Louise,	<i>Brighton.</i>
Morgan, Agnes Bangs,	<i>Cambridge.</i>
Nutter, Alice Berry,	<i>Concord, N. H.</i>
Overton, Julia Fitz,	<i>Peconic, N. Y.</i>
Price, Charlotte Henrietta,	<i>Somerville.</i>
Sampson, Alice,	<i>Newtonville.</i>
Schiedt, Helen Lee,	<i>Germantown, Pa.</i>
Schlesinger, Leonora,	<i>Brookline.</i>
Seaver, Linda Washburn,	<i>Allston.</i>
Shaw, Caroline Barnard,	<i>Boston.</i>
Smith, Edith Brinkerhoff,	<i>Newton Centre.</i>
Somerby, Ellen Spooner,	<i>Arlington.</i>
Springer, Ethel Maria,	<i>Newton.</i>
Turner, Lucy Cushing,	<i>Cambridge.</i>
Valpey, Louise Newhall,	<i>Cambridge.</i>
Vinal, Marion Gates,	<i>Boston.</i>
Webster, Frances Phillips,	<i>Boston.</i>
Weeks, Marjorie Nelson,	<i>Waltham.</i>
Wells, Juanita Doane,	<i>Cambridge.</i>
Wesselhoeft, Eleanor,	<i>Cambridge.</i>
Whittemore, Winifred,	<i>Waltham.</i>
Wiswall, Clara Carlotta,	<i>Roxbury.</i>
Woodfin, Mary Graves,	<i>Marblehead.</i>

## SPECIAL STUDENTS.

Acken, Sallie Fox,  
 Adams, Mabel Ellery,  
 Atkinson, Susan Parkman,  
 Baker, Sarah Louise,  
 Beale, Harriet Manley,  
 Bedford, Aimée Dorothy,  
 Bell, Elva Florina,  
 Benedict, Charlotte,  
 Bigelow, Gertrude Emmons,  
 Blair, Mellicent Frammer,  
 Bown, Euphrosyne,  
 Brashear, Minnie Margaret,  
 Breckenridge, Annie Louise,  
 Bright, Edna Adèle,  
 Brock, Rose Lillian,  
 Brown, Frances Merrill,  
 Bush, Mary Louise,  
 Butler, Luenna Pearl,  
 Cabot, Ella Lyman,  
 Candler, Amelia Garrison,  
 Carter, Alice Cleveland,  
 Chapman, Annie Bliss,  
 Church, Mary Elizabeth,  
 Clark, Lillian Estelle,  
 Cotsworth, Gertrude,  
 Coyle, Alice Kearney,  
 Crocker, Edith Boyden,  
 Crump, Christine Boughton,  
 Cushing, Susan Thaxter,  
 Daniels, Martha Esther,  
 Darling, Grace,  
 Davis, Bertha Tappan,  
 Davis, Caroline Williams,  
 Davis, Frederica King,  
 Davis, Mahala Frances,  
 Delano, Ruth Bradford,  
 Denny, Lucy Agatha,  
 Dickerson, Grace,  
 Dickinson, Mabelle Draper,  
 Drury, Julia Crossman,  
 Drury, Mary Rhodes,

*Englewood, N. J.*  
*Quincy.*  
*Boston.*  
*Lansingburg, N. Y.*  
*Stoughton.*  
*Gloversville, N. Y.*  
*Deering, Me.*  
*Waterbury, Conn.*  
*Boston.*  
*Cambridge.*  
*Bridgeport, Conn.*  
*Kirksville, Mo.*  
*Ware.*  
*Franklin.*  
*Wollaston Heights.*  
*Roxbury.*  
*Brooklyn, N. Y.*  
*New York, N. Y.*  
*Boston.*  
*Boston.*  
*Andover.*  
*Saybrook, Conn.*  
*New York, N. Y.*  
*Somerville.*  
*Burlington, Iowa.*  
*Washington, D. C.*  
*Brookline.*  
*Pittsford, N. Y.*  
*Dorchester.*  
*Somerville.*  
*Wallingford, Conn.*  
*West Newton.*  
*Boston.*  
*Cambridge.*  
*Cambridge.*  
*Kingston.*  
*Belmont.*  
*Newton Centre.*  
*Watertown.*  
*Bristol, R. I.*  
*Bristol, R. I.*

Dudley, Elizabeth Prentiss,	<i>Cambridge.</i>
Elderkin, Ella Clara,	<i>Falmouth, N. S.</i>
Emerson, Addie Josephine,	<i>Andover, N. H.</i>
Ernst, Wilhelmine Bertha Frederica,	<i>Jamaica Plain.</i>
Estabrook, Anne Laura,	<i>Rozbury.</i>
Fabens, Caroline Hooper,	<i>Marblehead.</i>
Fairchild, Sally,	<i>Boston.</i>
Fiske, Martha Theresa,	<i>Cambridge.</i>
Forbes, Grace Lowell,	<i>Rozbury.</i>
Gage, Margaret Weld,	<i>Cambridge.</i>
Gillmore, Inez Haynes,	<i>Arlington.</i>
Goodwin, Cora Belle,	<i>Windham, N. H.</i>
Gray, Eleanor Morland,	<i>Albany, N. Y.</i>
Harper, Sarah Jane,	<i>Albany, N. Y.</i>
Haskell, Louise Porter,	<i>Columbia, S. C.</i>
Hayes, Ellen Magdeline,	<i>Cambridge.</i>
Hildreth, Faith,	<i>Los Angeles, Cal.</i>
Hill, Abby Benham,	<i>Houston, Texas.</i>
Hill, Bessie Talley,	<i>Houston, Texas.</i>
Hillard, Fanny Seymour,	<i>Farmington, Conn.</i>
Holbrook, Antoinette,	<i>Braintree.</i>
Holbrook, Mary Elizabeth,	<i>Worcester.</i>
Hooper, Nancy Sturges,	<i>Brookline.</i>
Houston, Mary Esther,	<i>Plymouth, N. H.</i>
Howes, Bessie Emily,	<i>East Dennis.</i>
Hyde, Annie Estella,	<i>Allston.</i>
Keith, Ina Aileen,	<i>Cambridge.</i>
Knott, Nannie,	<i>Sioux City, Ia.</i>
Knudson, Grace Whiting,	<i>Newark, N. J.</i>
Lane, Eleanor,	<i>Brookline.</i>
Lanning, Anna Elizabeth,	<i>Dorchester.</i>
Laughton, Adèle,	<i>Boston.</i>
Leard, Frances Richards,	<i>St. Albans, Vt.</i>
Leavitt, Mary Lawrence,	<i>Exeter, N. H.</i>
Legg, Fannie Ella,	<i>Cambridge.</i>
MacConville, Lillian Halliburton,	<i>Bangor, Me.</i>
McGann, Alice Robinson,	<i>Somerville.</i>
MacKinnon, Elizabeth,	<i>San José, Cal.</i>
Mirick, Florence Moulton,	<i>Worcester.</i>
Montague, Mary,	<i>San Francisco, Cal.</i>
Newson, Grace Lee,	<i>St. Paul, Minn.</i>
Newton, Cora Arethusa,	<i>Southboro'.</i>
Nichols, Marian Clarke,	<i>Boston.</i>

Niles, Alice May,  
 Norris, Vivian May,  
 Noyes, Helen Maria,  
 O'Brien, Agnes Aloysius,  
 O'Brion, Mabel Stuart,  
 Paine, Marion Duncan,  
 Park, Frances Eva,  
 Parker, Ethel Sherwood,  
 Parkhurst, Helen Marcella,  
 Platt, Mary Irene,  
 Pond, Louise Carolyn,  
 Poole, Marion Bryant,  
 Poole, Mary Elizabeth,  
 Poor, Mary Noyes,  
 Pope, Mary,  
 Pratt, Emma Louise,  
 Prescott, Anna Hinckley,  
 Regan, Katherine Regina,  
 Richardson, Mabel Wolcott,  
 Robinson, Mabel Frances,  
 Rockwell, Alice Elizabeth,  
 Romaré, Christine,  
 Russell, Alice Minot,  
 Russell, Velma Louise,  
 Scott, Sarah Carlisle,  
 Searle, Katharine,  
 Sears, Annie Lyman,  
 Segner, Marion Wallace,  
 Simon, Bertha Marie Louise,  
 Smith, Bertha Melora,  
 Somerset, Margaret Faith,  
 Spencer, Katharine Vosburgh,  
 Stavely, Margaret Cornell,  
 Stevens, Elizabeth Florence,  
 Stilwell, Katharine Frances,  
 Stoddard, Mary Frances Baldwin,  
 Suter, Martha Winkley,  
 Sutherland, Abby,  
 Taylor, Harriet Caroline,  
 Teague, Alice Emily,  
 Thompson, Anna Boynton,  
 Thompson, Ervinia,  
 Thompson, Mary Huntington,

*Somerville.*  
*Waban.*  
*Auburndale.*  
*Clinton.*  
*Brookline.*  
*Andover.*  
*Boston.*  
*Plympton.*  
*Worcester.*  
*Great Barrington.*  
*Moorhead, Miss.*  
*Lynn.*  
*Peabody.*  
*West Somerville.*  
*Newton.*  
*Concord, N. H.*  
*Boston.*  
*North Andover Depot.*  
*Belmont.*  
*Waltham.*  
*Roxbury.*  
*Atlanta, Ga.*  
*Cambridge.*  
*Watertown.*  
*Burlington, Iowa.*  
*Cambridge.*  
*Boston.*  
*Waco, Texas.*  
*Somerville.*  
*Boston.*  
*Bridgeport, Conn.*  
*Cambridge.*  
*Lahaska, Pa.*  
*Great Barrington.*  
*Fayetteville, N. Y.*  
*Boston.*  
*Cambridge.*  
*Salem.*  
*Newton.*  
*Peabody.*  
*Boston.*  
*Boston.*  
*Cambridge.*

Torr, Mercedes Henrietta,	<i>Peabody.</i>
Trask, Mary Gillibrand.	<i>Lincoln.</i>
Tryon, Ellen Isabel,	<i>Cambridge.</i>
Tudor, Delia Aimée,	<i>Boston.</i>
Vandervoort, Josephine Florence,	<i>Dorchester.</i>
Vincent, Martha Edwards,	<i>Somerville.</i>
Washburn, Elizabeth,	<i>Minneapolis, Minn.</i>
Waterman, Alice Augusta,	<i>Malden.</i>
Watts, Amelia Sarah,	<i>Cincinnati, O.</i>
Waugh, Minnie Florence,	<i>Portland, Me.</i>
White, Laura Bradstreet,	<i>Roxbury.</i>
White, Mary Langdon,	<i>Boston.</i>
Whitenack, Edith,	<i>Terre Haute, Ind.</i>
Wilbor, Elizabeth Grinnell,	<i>Brookline.</i>
Wilmot, Adelaide Selina,	<i>Cleveland, O.</i>
Winslow, Mary Hidden,	<i>Cambridge.</i>
Wright, Charlotte,	<i>Cincinnati, O.</i>
Wright, Mary Emery,	<i>Cincinnati, O.</i>

#### General Summary.

The number of students in attendance during the present year is as follows:—

Graduates . . . . .	59
Seniors . . . . .	41
Juniors . . . . .	45
Sophomores . . . . .	59
Freshmen . . . . .	64
Special Students . . . . .	145
Total . . . . .	413

#### ADMISSION OF STUDENTS.

*Undergraduates.*—The requirements for admission to Radcliffe College are the same as those for admission to Harvard College. Radcliffe College holds no independent examinations for admission, but is authorized to make arrangements by which women may take the Harvard examinations and have their work passed upon by the Harvard examiners. Candidates may be examined either in June or in September. The June examinations may be taken in Cambridge and in other places (see pp. 284, 285) where the Harvard examinations are held. The September examinations are held in Cambridge only.

The June examinations are also open to women who do not intend to enter the College; and to such candidates, if they satisfy fully the requirements for admission, Radcliffe College is authorized to grant a certificate to that effect, bearing the signature of the President of the University.

*Special Students.* — Applicants who pass a satisfactory examination on a smaller number of subjects than is called for in the full requirements may be admitted, at the discretion of the Academic Board, to such special courses as they appear to be qualified to pursue.

Students of mature age, who wish to pursue chiefly higher courses of study, may be admitted, at the discretion of the Academic Board, without passing examinations for admission, provided that they satisfy the instructors in the courses which they elect of their fitness to pursue them.

*Graduate Students.* — Bachelors of Arts of Radcliffe College, and graduates of other colleges of good standing who present satisfactory evidence of character and qualifications, are admitted without examination as Graduate Students in Radcliffe College.

### INSTRUCTION.

The Courses of Instruction provided in Radcliffe College are for the most part identical with courses in Harvard University, and are given by the same instructors. The instruction actually given during the present year amounts, in the aggregate, to 78 courses and 48 half-courses. The whole number of teachers is 94, of whom 26 are Professors, 14 Assistant Professors, and 54 Instructors, Tutors, or Assistants, in Harvard University.

In addition to the instruction provided by Radcliffe College, a considerable portion (during the present year 48 courses and 20 half-courses) of the advanced instruction offered by the Faculty of Arts and Sciences of the University which is designed primarily for Graduates is open to properly qualified students of Radcliffe College.

Radcliffe College has a select working library of eleven thousand volumes. It has laboratories of Physics, Chemistry, Zoölogy, and Botany. The students have access to the scientific establishments of the University, and receive instruction to some extent in its laboratories. They have the use of the University Library. Opportunities are afforded to competent students for advanced study and research, and for the publication of results in scientific journals or in special monographs.

**DEGREES.**

The requirements for the degrees of BACHELOR OF ARTS and MASTER OF ARTS are the same as for the corresponding degrees in Harvard University. The diplomas are countersigned by the President of Harvard University and bear the University seal.

**SCHOLARSHIPS.**

Six Scholarships, each having an income sufficient to meet the full tuition fee (*two hundred dollars*), are awarded annually to students in Radcliffe College.

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The offices of the College are in FAY HOUSE, at the corner of Garden and Mason Streets, opposite Cambridge Common. All applications for information should be addressed to the *Secretary of Radcliffe College, Cambridge, Mass.*

**PART IV**

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**DIRECTORY AND INDEX**







## DIRECTORY

### OF OFFICERS AND STUDENTS IN ALL DEPARTMENTS OF THE UNIVERSITY.

The italic letter following the name indicates to what department of the University the student belongs:—*B.*, Bussey Institution; *C.*, College; *Dn.*, Dental School; *Dv.*, Divinity School; *G.*, Graduate School; *L.*, Law School; *M.*, Medical School; *S.*, Scientific School; *V.*, School of Veterinary Medicine. *A. O.* stands for Astronomical Observatory, *F. M.* for the Fogg Museum of Art, *M. Z.* for the Museum of Comparative Zoölogy, *P. M.* for the Peabody Museum, and *U. M.* for the University Museum.

The numbers 1, 2, 3, and 4, preceding these letters, indicate the Freshman, Sophomore, Junior, and Senior Classes respectively in College, or the first, second, third, and fourth years in the Schools. *s* means special student. *gr* means graduate student.

Addresses followed by an asterisk (\*) are in Boston; all others are in Cambridge, unless stated to be elsewhere. It will be noticed that the number *precedes* the name of a street, but *follows* the name of a building.

Names of buildings are abbreviated as follows: *C.*, College House; *C't*, Conant Hall; *D.*, Divinity Hall; *D. H.*, Divinity House; *F.*, Foxcroft House; *G.*, Grays Hall; *H.*, Hollis Hall; *H'ke*, Holyoke House; *H'y*, Holworthy Hall; *M.*, Matthews Hall; *P.*, Perkins Hall; *S.*, Stoughton Hall; *T.*, Thayer Hall; *W.*, Weld Hall; *W. H.*, Walter Hastings Hall; *B.*, Boylston Hall.

The addresses of students in the Medical School are given in most cases; but mail matter may be sent to any Medical student addressed Harvard Medical School, Boston, Mass.

Any discrepancy which may exist between the addresses as given in this Directory and in the former part of the Catalogue arises from the fact that changes were made after the first part of the Catalogue was in press. The addresses, as given here, are in all cases the later ones.

Abbe, W., 4 <i>C.</i>	H. 5	Adams, Henry, 4 <i>C.</i>	Claverly 16
ABBOTT, H. V., <i>Instr.</i>	P. 77	Adams, Huntington, 1 <i>C.</i>	W. 22
Abbott, J. M., 4 <i>C.</i>	M. 57	Adams, H. M., 4 <i>C.</i>	Craigie 205
Abele, G. W., 1 <i>L.</i>	81 Thorndike*	Adams, J., 4 <i>C.</i>	44 Brattle
Abercrombie, W. C., 4 <i>C.</i>	1689 Cambridge	Adams, K., 4 <i>C.</i>	Holyoke 19
Abrams, M. D., <i>sC.</i>	216 W. Newton*	Adams, W., <i>sC.</i>	25 Holyoke
Adams, A., 3 <i>C.</i>	26 Holyoke	Adams, W. A., 4 <i>C.</i>	Craigie Inn
Adams, A. D., 1 <i>G.</i>	P. O. box 1377*	Adler, E. A., 3 <i>L.</i>	28 Quincy
ADAMS, C. A., <i>Asst.</i>	13 Farrar	Adler, M., 1 <i>C.</i>	H'ke 34
Adams, C. F. 2nd, <i>Deputy</i>	23 Court*	Adsit, N. B., 2 <i>C.</i>	Shepherd 6
<i>Treasurer, pro tem.</i> ,	23 Court*	AGASSIZ, A., <i>Director and</i>	
ADAMS, C. F., <i>Overseer</i> ,	23 Court*	<i>Curator of M. Z.</i>	36 Quincy
Adams, C. L., 2 <i>C.</i>	T. 16	Albertson, F., 1 <i>Dn.</i>	87 Dartmouth*
Adams, C. P., 3 <i>C.</i>	45 Oxford	Albright, R. K., 4 <i>C.</i>	Ware 35
Adams, C. Q., 2 <i>C.</i>	Hilton 10	Alden, E., 1 <i>M.</i>	1 W. Cedar*
Adams, C. S., 2 <i>M.</i>	Grove Hill, Newtonville	ALDEN, J., <i>Asst.</i>	1 Willow*
Adams, E. L., 2 <i>C.</i>	M. 50	Alder, E. C., 1 <i>G.</i>	12 Howland
ADAMS, G. E., <i>Overseer</i> ,	Chicago, Ill.	Aldred, F. W., 2 <i>C.</i>	H'ke 48
Adams, G. E., 3 <i>C.</i>	G. 44	Aldrich, M. A., 1 <i>G.</i>	T. 24
		Alexander, D. J., 1 <i>Dn.</i>	Hotel Bristol*
		Alexander, E. F., 3 <i>C.</i>	15 Avon

- Alexander, H. J., *sS.*  
34 Victoria, W. Somerville
- Alexander, T. S., *3C.* 22 Mt. Auburn
- Alger, F. M., *2C.* Beck 1
- Allen, A. M., *1L.* 65 Hammond
- Allen, A. S., *sC.*  
98 Ashmont, Dorchester
- Allen, B. F., *1C.* 305 Broadway
- Allen, F., *3M.* 200 Beacon\*
- Allen, G., *4C.* H. 23
- Allen, G. M., *1S.* P. 83
- Allen, H. C., *1M.* 30 Greenwich Pk.\*
- Allen, H. I., *3C.* C. 18
- Allen, H. L., *1C.* P. 41
- Allen, H. R., *3Dn.* 29 Hancock
- Allen, H. W., *1L.* 1599 Mass. Ave.
- ALLEN, J. D., *Asst.* (also *2G.*)  
Hilton 4
- Allen, J. S., *2C.* 2 Phillips Pl.
- Allen, L. R., *4S.* 96 Prescott
- Alley, A. G., *1C.*  
114 Chestnut, Chelsea
- Allison, J., *1L.* H. 15
- Allison, N., *1M.* G. 20
- Allyn, R. B., *3S.* 11 Berkeley
- Almy, R. L., *1M.* Salem
- Ames, F. L., *4C.* 78 Mt. Auburn
- Ames, J., *1C.* Beck 25
- AMES, J. B., *Prof.* and  
*Dean of Law Sch.* 11 Frisbie Pl.
- AMES, J. L., *Asst. M.* 72 Chestnut\*
- Ames, L. A., *2G.* Trinity 9
- Ames, O., *4C.* Ware 48
- Amidon, L. E., *1G.* 67 Oxford
- Anderson, C. A., *sC.* 45 Trowbridge
- Anderson, C. J., *2C.* 8 Smith, Quincy
- Anderson, F. B., *1C.* Beck 47
- ANDREW, J. C. S., *Asst.* (also *2G.*)  
D. 40
- Andrews, R. E., *3C.* G. 32
- Andrews, W. S., *1G.* Felton 3
- Angert, E. H., *2L.* W. H. 44
- Angus, J., *2C.* 40 Irving
- Anthony, R., *1C.* 1727 Cambridge
- Antisdel, L. S., *2S.* C't 1
- Applegate, J. S., *3L.* P. 7
- Applegate, W. A., *1S.*  
34 Ellsworth Ave.
- Appleton, G. D., *4C.* P. 10
- Appleton, W., *1C.* Beck 34
- Archer, C. A., *1L.* T. 53
- Archibald, R. C., *2G.* 362 Harvard
- Arensberg, C. F. C., *1C.* C't 16
- Arensberg, W. C., *2C.* C't 16
- Arkin, L., *1S.* 264 St. Botolph\*
- Armington, H. F., *sC.* 7 Hotel Dale\*
- Armistead, D. W. A., *4S.* 27 Ware
- Armstrong, G. P., *sS.* Belmont
- Arndt, W. T., *1G.* S. 17
- Arnold, E. K., *3L.* 10 Frisbie Pl.
- Arnold, F. S., *4C.* W. H. 21
- ARNOLD, J. H., *Librarian*  
*of Law School,* 10 Frisbie Pl.
- Arvedson, G. C., *3C.* P. 62
- ASHLEY, W. J., *Prof.* 6 Acacia
- ASHTON, C. H., *Instr.* 415 Broadway
- Atherton, P. A., *2C.* C. 4
- Atkinson, R. T., *4M.* Wakefield
- Attwill, W. H., *2S.* 21 Gray
- Atwood, C. F., *2M.* Harv. Med. Sch.\*
- Austin, J. A., *1L.* 61 Spring
- Austin, J. W., *grDv.* 31 Wendell
- Auten, B. C., *4C.* C. 68
- Averell, J. G., *3C.* 33 Bow
- Ayer, N. F., *2S.* Shepherd 11
- Ayers, E. E., *grDv.* D. 9
- Ayers, W. B., *sL.* C. 57
- Ayres, C. H., *4C.* 11 Howland
- BABBITT, F. C., *Instr.* Craigie 202
- BABBITT, I., *Instr.* 65 Hammond
- Bacon, C. F., *2C.* T. 55
- Bacon, J. F., *3C.* 80 Garfield
- Bacon, L. B., *1L.* 54 Garden
- BACON, N. S., *Asst. M. and Dn.*  
(also *3M.*) 80 Garfield
- BACON, R., *Overseer,*  
23 Wall, New York, N.Y.
- Bacon, R. H., *2L.* Winthrop 2
- Bacon, T. S., *4M.* Natick
- Bail, J. W., *3C.* S. 28
- Bailey, A. F., *1C.* D. 37
- Bailey, E. H. C., *3Dn.* 39 Allen\*
- Bailey, F. W., *3Dn.* 39 Allen\*
- Bailey, H. C., *2L.*  
81 Central, Somerville
- BAILEY, M. H., *Asst. M.*  
146 Marlboro\*
- Bailey, W. C., *4M.*  
72 Mt. Vernon, E. Somerville
- Bailey, W. T., *3M.* 255 Warren\*
- Baker, A. S., *3M.* 522 Mass. Ave.\*
- Baker, B. S., *1L.* 94 Oxford
- Baker, G. F., *3C.* Claverly 46
- BAKER, G. P., *Asst. Prof.* 195 Brattle
- Baker, H. F., *1C.* 40 Kirkland
- Baker, H. S., *1C.*  
22A Garfield Ave., Chelsea

- Baker, L. T., 3*C.* 68 Mt. Auburn  
 Baker, L. W., 3*Dn.* Bellevue, W. Roxbury  
 Baker, R. B., 2*C.* Claverly 46  
 Baker, R. W., 3*S.* T. 15  
 Baker, W. W., 4*C.* P. 85  
 Balch, A. W., 4*M.* 774 Huntington Ave.\*  
 Balch, F. N., 1*L.* Winthrop 8  
 Baldwin, C. E., 3*C.* 197 Auburn  
 Baldwin, G. C., 1*Dn.* 39 St. Botolph\*  
 Bale, W. G., 2*C.* S. 5  
 Balkam, R. W., 3*V.* 113 Central Ave., Hyde Park  
 Ballard, A. R., 3*S.* Felton 17  
 Ballentine, J. A., 2*L.* 22 Prescott  
 Ballou, C. R., 3*C.* Ware 40  
 Ballou, W., 3*Dv.* D. 42  
 Baltzly, J., 3*grDv.* 137 Oxford  
 Bamber, S., 1*C.* 8 Auburn, Roxbury  
 Bamji, M., 3*M.* Harv. Med. Sch.\*  
 Bancroft, E. W., 2*L.* 15 Sanborn, Reading  
 Bancroft, Frank W., 2*G.* 11 Francis Ave.  
 Bancroft, Fred'k W., 1*C.* P. 82  
 Bancroft, G., 3*C.* 96 Brattle  
 Bancroft, H., 1*G.* 5 Putnam Ave.  
 Bancroft, I. R., 2*M.* Woburn  
 Bancroft, P., 3*C.* 96 Brattle  
 BANCROFT, W. A., *Overseer*, 5 Putnam Ave.  
 Barber, F., 1*G.* 61 Oxford  
 Barber, H. G., 1*G.* 11 Francis Ave.  
 Barber, M. W., 2*C.* C. 23  
 Bard, C. M., 3*C.* 78 Hammond  
 Barge, C. R., 3*L.* S. 17  
 Barger, M. S., 4*C.* Beck 27  
 Barker, B. D., 1*C.* Dunster 51  
 Barker, H. F., 3*C.* G. 39  
 Barker, H. L., 2*M.* 78 Charles\*  
 Barker, LeB. R., 4*C.* 140 Brattle  
 Barker, P. L., 2*Dn.* 72 Gardner, Allston  
 Barker, R. A., 1*L.* 13 Kirkland Pl.  
 Barker, R. McN., 1*C.* H'y 15  
 Barnard, C. A., 4*C.* 29 Ware  
 Barnard, W. L., 2*C.* M. 52  
 Barnefield, R. T., 2*C.* Craigie 105  
 Barnes, A. F., 4*C.* 25 Lancaster  
 BARNES, C. B., *Instr. L.* 334 Tremont Bldg.\*  
 Barnes, J. A., 3*M.* 1507 Washington\*  
 Barnes, J. H., 3*C.* 17 Putnam Ave.  
 Barnes, K. S., 2*S.* 25 Lancaster  
 Barnes, L. M., 2*M.* 16 Berwick Pk.\*  
 Barnes, R. C., 1*S.* 39 Bartlett, Somerville  
 Barnes, W. L., 2*C.* 32 Wendell  
 Barney, J. D., 2*C.* 5 Linden  
 Barney, R. S., 1*Dn.* Southborough  
 Barnitz, D. P., 3*C.* 1106 Mass. Ave.  
 Barnwell, C. H., 3*G.* G. 86  
 Barrell, C. S., 2*M.* 29 Ware  
 Barrell, G. E., 2*Dn.* 29 Ware  
 Barrett, M. F., 1*M.* Hingham  
 Barrett, R. L., 4*C.* W. H. 20  
 Barrett, R. R., 1*C.* W. H. 47  
 Barrett, T. F., 3*C.* 9 Story  
 Barrows, C. W., 3*L.* 52 Irving  
 Barry, F. G., 3*C.* 5 Linden  
 Barry, P., 2*C.* 33 Ball\*  
 Barstow, E. B., 2*C.* 58 Mt. Auburn  
 Barstow, J. S., 4*C.* T. 5  
 BARTLETT, G. A., *Assoc. Prof.* and *Regent*, Beck 26  
 Bartlett, G. O., 1*Dn.* 87 Dartmouth\*  
 Bartlett, J. C., 2*C.* 43 Irving  
 Bartlett, M., 1*C.* Beck 32  
 Bartlett, S. D., 4*M.* Woburn  
 Bartlett, W. T., 2*L.* 32 Richardson, Newton  
 Bartley, J. J., 1*M.* 168 Lowell, Lawrence  
 Bartol, E. F. W., 2*M.* 70 Pinckney\*  
 Bartol, J. W., 3*grM.* Harv. Med. Sch.\*  
 Barton, E. B., 4*C.* Wadsworth 5  
 Barton, W. E., 3*grM.* Harv. Med. Sch.\*  
 Bass, L. M., 1*L.* Winthrop 30  
 Bass, R. P., 1*L.* Hilton A  
 Bass, W. S., 1*G.* 48 Mt. Auburn  
 Bassett, J. C., 1*L.* 5 Wendell  
 Bassett, N. L., 3*L.* 5 Wendell  
 Bassett, W. A., 1*S.* Dorchester  
 Bassity, J. F., 3*C.* 85 C, So. Boston  
 Batchelder, C. H., 1*L.* 27 Putnam Ave.  
 Batchelder, J. T., 3*C.* 17 Dunster  
 Batchelder, N. H., 1*C.* P. 29  
 Batchelder, S. F., 3*L.* 6 Hilliard  
 Batchelder, S. H., 3*C.* P. 29  
 Batchelor, C. C., 1*C.* 1 Elmwood  
 Bateman, T. R., 3*C.* 5 Chardon\*  
 BATES, A., *Lectr.* 62 Chestnut\*  
 Bates, H. F., 4*C.* G. 44  
 Battis, J. A., 4*C.* W. 30  
 Bauer, F. G., 2*C.* G. 8

- BAUMGARTEN, W., Asst. M.**  
 Robeson, Jamaica Plain  
**BAXTER, G. P., Instr. (also 2 G.)**  
 27 Warren Ave., Somerville  
**Baxter, R. M., sC.** 43 Irving  
**Bayley, F. S., 1L.** 48 Mt. Auburn  
**Bayley, J. C., 1C.** Ware 18  
**Beach, S. J., 1C.** M. 55  
**Beal, H. F., 1C.** 62 Dale, Waltham  
**Beal, H. W., 4M.**  
 McLean Hospital, Waverly  
**Beale, A. M., 1L.**  
 550 Washington, Dorchester  
**BEALE, J. H., Prof. L.** 13 Chauncy  
**Beals, F. H., 2C.** 7 Wendell  
**Beals, G. C., 4C.** T. 25  
**Beals, L. S., 2C.** 7 Wendell  
**Beals, S. L., 1C.** H'ke 29  
**BEAMAN, C. C., Overseer,**  
 52 Wall, New York, N. Y.  
**Beaman, M. G., 3C.** H'ke 31  
**Beardsell, W. L., 2C.**  
 19 Bellevue Ave.  
**Beardsley, S. S., 3C.** T. 53  
**Beatty, W. H., sL.** C. 20  
**Becker, A. L. R., 2C.**  
 1727 Cambridge  
**Becker, S. M., 1S.** Beck 6  
**Becker, W. D., 3C.** H'ke 13  
**Beckwith, E. B., 3C.**  
 19 Ellsworth Ave.  
**Bedell, C. E., 3M.** Somerville  
**Bedford, R. B., 2S.** Hilton 15  
**Bedinger, G. R., sC.**  
 2 Forrester, Salem  
**Beebe, A. A., 4M.**  
 199 Commonwealth Ave.\*  
**Beebe, S. P., sS.** 9 Wendell  
**Beebe, T. C., 2M.** 68 Pinckney\*  
**Beecher, F. L., 4C.** S. 4  
**Beeley, L. G., 2C.** 2 Gorham  
**Beer, S. E., 3C.** 42 Kirkland  
**Beering, F. W., 2M.**  
 203 Dorchester, So. Boston  
**Belden, C. F. D., 3L.** S. 29  
**Bell, B. F., 2C.** Manter 7  
**Bell, C., 1C.** 164 Brattle  
**Bell, C. H., 2C.** Ware 5  
**Bell, G., 1C.** 164 Brattle  
**Bell, S., 2L.** 164 Brattle  
**BELL, W. W., Asst. (also 1 G.)** T. 57  
**Bellamy, W. W., 2C.**  
 17 Bowdoin Ave., Dorchester  
**Bellows, R. P., 3C.** Hilton 16  
**Belt, E. J., 2M.**  
 511 Broadway, So. Boston  
**BENEDICT, G. W., Proctor,**  
 (also 2 G.) Hilton 4  
**Benedict, H. Y., 3G.** D. 8  
**Benesch, A. A., 2C.** C. 15  
**Benner, R. S., 3C.** M. 56  
**Bennett, E. K., 1S.** 436 Broadway  
**Bennett, E. S., 1S.** Little's 21  
**Bennett, F. P., 2C.** C't 7  
**Bennett, H. J., 4C.** S. 2  
**Benshimol, M., 3G.** 48 High'd Ave.  
**Benson, H. J., 3S.** 48 Mt. Auburn  
**Bergen, T. D., 1C.** 47 Raymond  
**Bergengren, C. H., 2M.**  
 125 Chatham\*  
**Bergin, S. A., 2M.**  
 11 Middle, Waltham  
**Berglund, A., grDv.** D. 3  
**Berle, T. P., 2G.** D. 6  
**Bernstein, M. L., 1C.** Quincy 8  
**Berry, M. W., 1M.** Quincy House\*  
**Bertholf, J. R., sC.** T. 10  
**Best, L. A., 3C.** 891 Mass. Ave.  
**Bettman, A., 3L.** P. 9  
**Bibber, H. T., 1M.** 438 Broadway  
**Bicknell, R. E., 2M.** N. Weymouth  
**Biddle, N., 2S.** Dunster 17  
**Bidwell, R. A., 3C.** P. 84  
**BIERWIRTH, H. C., Instr.** W. 36  
**Bigelow, F. H., 1L.** Craigie 205  
**Bigelow, H., 2C.** Claverly 33  
**BIGELOW, H. A., Asst. (also 2L.)** F. 2  
**Bigelow, H. B., 1C.** Beck 44  
**Bigelow, J. S., 1S.** Little's 13  
**Bigelow, L. M., 3L.** 15 Buckingham  
**Bigelow, W. D., 4C.** 7 St. James\*  
**Bigelow, W. DeF., 2C.** Claverly 33  
**Bill, C. M., 1S.** T. 58  
**Bill, C. P., 3G.** 90 Brattle  
**Bill, F. L., 2L.** 55 Hammond  
**Billings, F. H., 2G.** 21 Wendell  
**Billings, G. W., 2C.** W. 46  
**Billings, O. W., 1C.**  
 37 Kingston, W. Somerville  
**Binford, F. A., 4M.** 221 W. Canton\*  
**Bingham, N. W., 3L.** Craigie 102  
**Binney, H., 1M.** 283 Beacon\*  
**Bird, L. E., 4C.** T. 57  
**Birge, R. H., 4M.** 31 Dartmouth\*  
**Bisbee, H., 2C.**  
 75 Clarkson, Dorchester  
**Bishop, R., 1C.** Read's 20  
**Bissell, F. E., 2C.** M. 8

- BIXBY, H. O., *Instr. Dn.*  
1861 Mass. Ave.
- BLACK, O. F., *Asst.* (also 3*G.*)  
10 Avon
- Black, W. J., *sS.* 22 Trowbridge
- Blackwell, H. L., 3*C.* W. 23
- Blagden, L., 2*L.* Claverly 21
- Blaikie, C., *sS.* S. 9
- Blair, J. E., 3*L.* C. 52
- BLAISDELL, E. C., *Instr. Dn.*  
3 Market, Portsmouth, N. H.
- Blake, B. S., 1*C.* Ware 37
- BLAKE, C. J., *Prof. M.*  
226 Marlboro\*
- Blake, E. M., 3*S.* 39 Irving
- Blake, G., 1*C.* H. 13
- BLAKE, J. B., *Asst. M.* 212 Beacon\*
- Blake, R. F., *sS.* H. 13
- Blakely, C. L., 3*V.* 50 Village\*
- Blakemore, A. W., 1*L.* H. 27
- Blanchard, H., 4*C.* Beck 46
- Blanchard, H. L., 2*L.* T. 56
- BLANKINSHIP, J. W., *Asst.*  
(also 4*G.*) 28 Mt. Auburn
- BLASCHKA, R., *Artist-Naturalist.*  
U. M.
- Blatchford, F. W., 2*S.* H'y 17
- Blauvelt, W. G., 3*C.* W. 23
- Blevins, A. H., 4*S.* G. 50
- Bliss, R. W., 2*C.* H'y 23
- Block, H. J., 4*C.* G. 12
- Blodgett, C. M., 1*M.*  
1 Claremont Park\*
- Blodgett, S. H., *grM.*  
Harv. Med. Sch.\*
- Blodgett, W. E., 2*M.*  
22 Berwick Pk.\*
- Blood, C. R., *sDv.* D. 32
- Blood, C. W., 3*C.* T. 40
- Bloom, A. L., 4*C.* Quincy 7
- Blythe, H., 1*C.* 28 Holyoke
- Boal, W. A., 2*S.* Ware 30
- Boardman, E. A., 1*S.* Claverly 24
- Boardman, R., *sS.* Dunster 26
- Boardman, R. DeB., 2*C.* Claverly 30
- Boardman, R. S., 4*C.* 9 Story
- BOARDMAN, W. E., *Instr. and*  
*Cur. of Dn. Mus.* 184 Boylston\*
- BÔCHER, F., *Prof.* 12 Holyoke Pl.
- BÔCHER, M., *Asst. Prof.* 12 Shepard
- Bock, C., 1*C.* 1734 Cambridge
- Boessel, F. T., 2*L.* 282 Mass. Ave.\*
- Bolles, R. F., 2*C.* 25 Holyoke
- Bolling, R. C., 2*C.* H. 9
- Bolster, S. M., 1*L.* H'y 8
- Bolton, R. H., *sL.* Everett
- BONAPARTE, C. J., *Overseer,*  
216 St. Paul, Baltimore, Md.
- Bonaparte, J. N. C., 3*C.* Ware 27
- Bond, C. W., 3*L.*  
254 Linden, Waltham
- Bond, E. D., 2*C.* D. 23
- Bond, T., 4*C.* M. 53
- Bond, W. L., 1*M.* Chelsea
- Bonelli, L. H., 1*C.* 113 Falmouth\*
- Bonner, C., 1*G.* 30 Irving
- Bonney, R., 4*M.* Chelsea
- Bonsall, W., 4*C.* P. 34
- Boodin, John E., 1*Dv.* D. 28
- Boodro, W. H., 4*M.*  
265 Gold, So. Boston
- Boody, E., 3*C.* T. 35
- Boone, R. C., *sS.*  
19 Grove, Winchester
- Boos, W. F., 1*M.* Jamaica Plain
- Booth, C. D., 3*L.* W. 51
- Booth, P. N., 2*L.* W. 37
- Boothby, O. C., 2*L.* 25 Wabon\*
- Boright, S. R., 2*C.* 15 Avon
- Borland, B., 1*C.* Beck 2
- Borland, C. B., 1*C.* Beck 2
- Boss, B., 1*C.* C't 12
- Bosworth, T. J., 1*C.* C. 41
- BOTSFORD, G. W., *Instr.* 45 Walker
- Boutelle, H. C., 3*M.*  
9 School, Dorchester
- Boutwell, H. K., 2*S.* H'ke 24
- BOUTWELL, J. M., *Asst.* (also 4*S.*)  
W. 10
- Bouvé, C. L., 3*C.* 27 Everett
- Bouvé, G. W., 2*C.* 27 Holyoke
- Bowditch, H. I., 4*C.* H'y 10
- BOWDITCH, H. P., *Prof. M.*  
Jamaica Plain
- BOWDITCH, V. Y., *Instr. M.*  
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- Bowen, A. P., 3*M.* 123 Fayette, Lynn
- BOWEN, J. T., *Instr. M.* 14 Marlboro\*
- Bowen, W. H., 1*M.* 10 Rutland Sq.\*
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- Bowers, J. A., 3*L.* 5 Wendell
- Bowker, C., 2*C.*  
12 Merlin, Dorchester
- Bowker, E. L., 1*C.* Somerville
- Bowker, H., 4*C.* Hilton 25
- Bowker, H. W., 1*C.* W. H. 12
- Bowler, G. P., 2*C.* 9 Bow
- Bowles, H. I., 1*L.* G. 51

- Bowley, C. L., 2 V. Middleton  
Bowman, A. W., 1 M. 15 Myrtle, Jamaica Plain  
Bowser, E. K., 2 L. T. 2  
Boyden, A., 3 L. M. 39  
Boyden, A. A., 4 C. M. 39  
Boyden, C., 1 C. 5 Linden  
Boyer, J. N., 3 M. 57 Warren Ave.\*  
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Boynton, H. C., 2 C. D. 36  
Boynton, P. H., 1 G. Newton Centre  
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Boysen, J. L., 4 C. 36 Gorham  
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133 Newbury\*  
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Bradlee, E. C., 1 L. 113 Beacon\*  
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Brainerd, L., s C. P. 10  
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Bramhall, T. L., 3 C. 113 Moreland, Roxbury  
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Brannan, F. D., 3 C. Hilton 18  
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Brayton, I., 2 L. T. 56  
Brayton, P. S., 3 C. 11 Leonard Ave.  
Brayton, R. W., 2 M. 345 Park, Dorchester  
Breckinridge, L. T., 2 C. Ware 11  
Bread, G. Herschel, 4 C. P. 1  
Breed, G. Horace, 2 S. S. 4  
Breed, M., 4 C. P. 1  
Breed, N. Perkins, 2 M. 83 Federal, Salem  
Breed, N. Pope, 1 M. W. H. 59  
Breed, W. R., 1 G. Quincy  
BREESE, B. B., *Asst. (also 1 G.)*  
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Bremer, C. L., 3 L. Shepherd 10  
Bremer, J. L., 1 M. 416 Beacon\*  
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Brenneman, R. E., 3 M. 16 Berwick Pk.\*  
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Breslin, J. E., 1 Dn. 7 Willard Ave.  
Brewer, A. D., 1 M. 260 Fairmount Ave., Hyde Park  
Brewer, J., 1 C. Ware 6  
Brewer, R. E., 1 C. 78 Mt. Auburn  
Brewster, R. B., 2 C. W. H. 55  
BREWSTER, W., *Asst. M. Z.*  
145 Brattle  
Brice, J. F., 3 C. Beck 36  
Bridgman, H. V., s S. 2A Wellington\*  
BRIGGS, E. C., *Prof. Dn.*  
129 Marlboro\*  
Briggs, F. E., 1 L. 43 Irving  
BRIGGS, LeB. R., *Prof. and*  
*Dean of Harv. Coll.* 140 Brattle  
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Bristol, L. E., 4 C. T. 64  
Brittin, L. H., 1 S. W. 50  
Brock, L. A., 3 M. 181 Highland Ave., Malden  
Brokaw, C. M., 1 B. Bussey Instn.  
Brookings, W. B., 3 L. Winthrop 12  
Brooks, B., 2 C. C. 66  
Brooks, E. D., 3 C. T. 15  
Brooks, H. G., 4 C. 28 Holyoke  
Brooks, H. M., 1 C. 29 Mill, Arlington  
Brooks, J. E., 3 C. 28 Holyoke  
Brooks, L. W., 2 C. 21 Lee  
Brooks, N. C., *Instr. (also 3 G.)*  
H'ke 33  
Brooks, W. A., *Demonstr. M.*  
167 Beacon\*  
Brower, A. V., 2 S. Claverly 3  
Brower, D. R., 2 S. C't 22  
Brower, J. J., 1 S. C. 61  
Brown, A., 1 L. Winthrop 32  
Brown, A. B., 4 M. 90 Appleton\*  
Brown, C. M., 2 C. Hilton 13  
Brown, D., 1 C. Read's 18  
Brown, D. C., 1 Dn. 35 Buckingham\*  
Brown, D. E., s C. 415 Mass. Ave.\*  
Brown, E. B., 3 C. W. 18

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 Brown, H. H., 4G. 54 Hammond  
 Brown, H. W., 3L. 9 Louisburg Sq.\*  
 Brown, J. L., sS. 5 Garden, Newburyport  
 Brown, L. A., 4C. W. 16  
 Brown, L. B., 2S. Claverly 30  
 Brown, M. E., sC. Craigie 104  
 Brown, P. E., 2M. Harv. Med. Sch.\*  
 Brown, P. F., 1S. 1524 Cambridge  
 Brown, P. L., 3C. H'y 23  
 Brown, R. M., sC. S. 11  
 Brown, R. W. P., 4C. W. 54  
 Brown, T. D., 1S. 30 No. Russell\*  
 BROWN, W. G., *Dep. Keeper of Univ. Records,* Craigie 203  
 Browne, P. C., 1S. 52 Moreland, Roxbury  
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 Brownell, W. D., 3L. 62 Trowbridge  
 Brownlee, G. B., sS. 10 Hilliard  
 Brownrigg, A. E., *gr.M.* Y.M.C.A.\*  
 Bruguère, E. A., sC. Beck 45  
 BRUN, A., *Instr.* (also 2G.) 27 Hurlbut  
 Bruns, W. G., 1C. 36 Codman Pk., Roxbury  
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 Bryant, A. A., 1G. 44 Amory  
 Bryant, C. S., 2M. Newton Highl'ds  
 Bryant, F., 3M. 122 Chandler\*  
 Bryant, F. K., 3C. 6 Trowbridge  
 Bryant, G. P., 3C. T. 65  
 Bryant, L., 3L. H. 31  
 Buck, M. A., 4M. No. Wilmington  
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 Buck, W. B., 3G. C. 28  
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 Buckman, G., 1G. W. 10  
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 Buff, L. F., 2S. G. 30  
 Bufford, J. H., 2C. 10 Ashland, Dorchester  
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 Bull, H. T., 1S. 31 Bartlett Ave., Arlington  
 Bull, J. A., sC. 31 Bartlett Ave., Arlington  
 Bullard, F., 2G. 3 Commonwealth Ave.\*  
 Bullard, F. T., 1C. Read's 32  
 Bullard, L., 1C. Read's 18  
 Bumpus, E. A., sS. W. H. 42  
 Bumpus, E. C., 1L. W. H. 42  
 Bumstead, A. H., sS. Roxbury  
 Bunton, G. H., 2S. 63 Wash. Ave.  
 Burbank, J. E., 1G. 23 Everett  
 Burchenal, C. D., sS. 77 Avon Hill  
 Burden, I. T., 1L. 60 Brattle  
 Burden, W. A. M., 2C. Claverly 20  
 Burden, W. P., sC. 9 Bow  
 Burdett, H. C., 4C. C't 33  
 Burgess, E. G., 2S. Beck 41  
 Burgess, W. S., 1C. Prescott 5  
 Burke, F. R., 1M. Saville Ave., Quincy  
 Burke, J. W., 1C. 44 Hillside\*  
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 Burke, W. E., 2L. 119 Webster, E. Boston  
 Burke, W. H., 3M. Watertown  
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 Burke, W. T., 2M. 15 Clarke Blk., Natick  
 Burley, B. T., 1M. 20 Ware  
 Burlingame, H. B., 2C. G. 15  
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 Burnett, F. L., 1S. Elmwood Ave.  
 Burnett, V., 4C. Quincy 11  
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 Burnham, J. A., sC. 68 Mt. Auburn  
 Burnham, J. F., 1M. 12 Bradford, Lawrence  
 Burnham, M. P., 2M. Andover  
 Burnham, P., 1M. 50 Appleton\*  
 Burnham, R. N., 2C. Little's 28  
 Burns, H. C., 1S. 911 Boylston\*  
 Burns, T. M., 1Dn. 25 Rutland Sq.\*  
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 Burns, W. L., 1M. 281 Haverhill, Lawrence  
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 Burr, F. F., 2S. 209 Malden Ave., Malden  
 Burr, H. T., 2S. 209 Malden Ave., Malden



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 Burrage, P., 3C. T. 19  
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 BURRELL, H. L., *Asst. Prof.* M.  
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 Burton, R. O., 1C. Craigie 405  
 Burton, W. C., 3C. M. 37  
 Burt, W. H., 1C. C. 50  
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 Bush, S. H., 1C.  
     32 Melville Ave., Dorchester  
 Bush, W. T., 4G. 23 Hammond  
 Bushée, F. A., 1G. 7 Wendell  
 Bushnell, G. E., *grM.*  
     Harv. Med. Sch.\*  
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     1601 Mass. Ave.  
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     5 Linden Pl., Brookline  
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 Butler, M. L., 4C. W. 43  
 Butts, R. F., 3C. 44 Mt. Auburn  
 Buxton, F. W., 2C. 1716 Cambridge  
 Buxton, W. A., 2C. W. H. 12  
 BYERLY, W. E., *Prof.* 39 Hammond  
 Bygrave, H. R., 1L. Belmont  
 Byrd, F. O., 2C. Dunster 17  
 Byrd, W., 1L. Manter 6  
  
 Cabell, M., sC. 46 Langdon  
 Cabell, S. W., 3G. 29 Wendell  
 CABOT, A. T., *Fellow*, 3 Marlboro\*  
 Cabot, H., 4M. 68 Pinckney\*  
 Cabot, J. H., 2C. Manter 3  
 Cabot, N. W., 2C. 27 Holyoke  
 Cabot, R. C., 1G. 190 Marlboro\*  
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 Cairns, W. D., 1G. 16 Howland  
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 CALHANE, D. F., *Asst.* (also 2G.),  
     58 Moore  
 Calkins, G., 2L. 22 Bellevue, Newton  
 Callahan, J. T., 3M. Woburn  
 CALLENDER, G. S., *Instr.* M. 7  
 Cameron, W. H., 2L. Winthrop 12  
 Campbell, A. R., 3C. M. 25  
 CAMPBELL, D. F., *Instr.* (also 4G.)  
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 Campbell, G. P., 2S. 46 Carver  
 Campbell, J. C., 2S. 438 Broadway  
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 Campbell, J. McD., 3C. H'y 17  
 Campbell, M. C., 1L. 55 Hammond  
 Campbell, S., 3C. 102 River  
 Campbell, W. E., 2L. 37 Langdon  
 Campbell, W. J., 2M. Marlboro\*  
 Camprubi, J. A., 1C. H. 32  
 Canedy, C. F., 2M.  
     4 Linden Pl., Quincy  
 CANNON, W. B., *Proctor* (also  
     2M.) F. 2  
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 Canterbury, G. W., 1C. Winthrop 26  
 Canterbury, L. B., 2C. G. 7  
 Carbone, P. L., 1B. 62 Wendell  
 Carle, E. E., 2Dn. Malden  
 Carleton, P. G., 3C. Little's 32  
 Carleton, R. H., 4C. Little's 6  
 Carlton, O. J., 2C. Felton 55  
 Carman, A. B., 4C. C. 62  
 Carmody, W. F., 3M.  
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 Carr, E. G., 1L. 26 Mellen  
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 Carter, E. C., 2C. C. 8  
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 Carter, H. L., 4C. W. H. 7  
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 Case, F. T., 4C. M. 43  
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 Catlin, D. K., 3C. Claverly 2

- Catlin, T. E., 3C. Claverly 2  
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 Cavanagh, T. T., 1L. 48 Holyoke  
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 Chadbourne, W. M., 2C. 12 Kirkland Pl.  
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 Chamberlain, Arthur H., 1G. 1683 Cambridge  
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 Chandler, A. M., 2C. 269 Harvard  
 Chandler, L. W., 1C. Auburndale  
 Chandler, W. M., 4C. H'y 22  
 CHANNING, E., *Prof.* 17 Brewster  
 Channing, W., 1C. Manton 5  
 Chapman, J. L., 3L. G. 33  
 Chapman, L., *grM.* Harv. Med. Sch.\*  
 Chapman, L. R., 2C. Craigie 403  
 Chard, T., sC. 60 Brattle  
 Chase, A. A., 1M. 13 Fairmount  
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 Chase, E. W., sC. West Newton  
 Chase, G. Q., sC. 8 Irving Terrace  
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 Chase, P. P., 2C. W. H. 27  
 Chase, S. M., 3C. W. H. 34  
 Chase, W. G., 2M. Brookline  
 Cheever, D., 1M. 557 Boylston\*  
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 and *Overseer,* 557 Boylston\*  
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 Cheney, R. W., 1C. C't 9  
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 Chessman, C. F., 3C. T. 1  
 Chessman, F. N., 2C. Little's 31  
 Child, J. A., 2C. 19 Irving  
 Childs, A. H., 1M. 26 Mellen  
 Childs, E. O., 3C. P. 59  
 Childs, F. B., 2C. Claverly 54  
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 Clapp, R., 2C. M. 34  
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 Clark, E. H., 2L. 43 Bay State Road\*  
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 Clark, F. L., 1S. 503 Washington, Brookline  
 Clark, F. P., 2C. H'ke 17  
 Clark, G. C., 1C. Craigie 206  
 Clark, G. E., sS. Craigie 203  
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 Clark, H. B., 1S. 9 Linden  
 Clark, J. D., 1S. Newtonville  
 Clark, J. T., 4C. C. 37  
 Clark, L. K., 2C. C. 21  
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 Clarke, T. W., 3C. M. 45  
 Clarkson, R. P., 3L. 134 Thornton, Roxbury  
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 Cleaves, E. E., 2M. Rockport  
 Clement, G. E., 2C. T. 52  
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 119 St. Botolph\*  
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 Clough, W. S., 2*C.* Little's 19  
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 COAR, J. F., *Instr.* (also 2*G.*)  
 81 Oxford  
 Cobb, A. A., 2*C.* M. 16  
 Cobb, C. D., 2*Dn.* 36 Orchard  
 Cobb, H. W., 1*Dn.* Mansfield  
 Cobb, J. P., 2*S.* M. 16  
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*ing Secretary,* U. 5  
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 Cochrane, F. D., 3*C.* Claverly 42  
 Cochrane, J. S., 1*C.* Claverly 8  
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 Coffin, F. B., 3*L.* Newton  
 Coffin, W. B., 3*C.* H'y 4  
 Cogswell, E. R., 1*G.* 61 Kirkland  
 Cogswell, W., *grM.*  
 Harv. Med. Sch.\*  
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 Colburn, H. J., 2*C.* C. 10  
 Cole, C. L., 1*C.* G. 1  
 Cole, C. N., 1*G.* 48 Mt. Auburn  
 Cole, G. A., 2*S.* Little's 17  
 Cole, J. F., 2*C.*  
 136 Perkins, Somerville  
 Cole, J. G., *sC.* H'ke 3  
 Cole, L. deP., 1*C.* W. 13  
 COLE, W. G. G., *Asst.* (also 1*G.*)  
 3 Highland Pk.  
 Coleman, L. G., 2*S.* H'ke 27  
 Coleman, S. E., 2*G.* 4 Carver  
 Colgate, C. H., 4*C.*  
 92 Glen, Somerville  
 Collier, F. F., 2*C.* W. 21  
 Collins, E., 4*G.*  
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 985 Adams, Dorchester  
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 Collins, W. E., 2*L.* H. 26  
 Collins, W. J., 4*M.*  
 70 Forbes, Jamaica Plain  
 Collins, W. L., 2*C.* H. 26  
 Collison, F. C., 1*L.* 48 Irving  
 COLPITTS, E. H., *Asst.* (also 2*G.*)  
 5 Linden  
 Colton, H. S., 1*L.* 391 Harvard  
 Colvin, H. G., 1*L.* H'ke 2  
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 Conant, H. W., 1*L.* 421 Mass. Ave.\*  
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 Hilton 23  
 Conklin, M. McD., *sS.* G. 50  
 Conlin, F. J., *sC.*  
 348 Saratoga, E. Boston  
 Connelly, J. E., 2*L.* Ashland  
 Conner, H. L., 2*M.*  
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 Connolly, F. J., 1*B.* Jamaica Plain  
 Connolly, J. M., 2*M.* 56 Amory  
 Connolly, J. T., 3*L.* 56 Amory  
 Connolly, W. E., 4*C.* 56 Amory  
 Connors, J. F., 2*V.*  
 301 8th, So. Boston  
 Conroy, W. H., *sC.* Craigie 301  
 Converse, A. D., 1*S.* G. 41  
 Conway, H. A., 1*C.*  
 37 Flint, Somerville  
 Cooch, E. W., *sL.* 21 Mellen  
 Cook, A., *sC.* C. 67  
 Cook, C. S., 3*C.* H'y 15  
 Cook, E., 2*C.* G. 19  
 Cook, P. H., 3*C.* H'ke 46  
 COOKE, W. P., *Instr. Dn.*  
 330 Dartmouth\*  
 Cooley, J. C., 1*C.* 56 Mt. Auburn  
 COOLIDGE, A., *Instr. M.* 1 Exeter\*  
 COOLIDGE, A. C., *Instr.* Ware 15  
 Coolidge, E. E., 1*C.* 12 Kirkland Pl.  
 COOLIDGE, J. N., *Asst. M.*  
 20 Newbury\*  
 Coolidge, J. W., 1*S.*  
 262 Arlington, Watertown  
 Coolidge, S., 2*M.* Watertown  
 Coonley, H., 3*C.* W. H. 57  
 Cooper, A. W., 1*C.* H'ke 20  
 Cooper, C. A., 2*L.* 40 Kirkland  
 Cooper, F. R., 4*C.* 22 Mt. Auburn  
 Cooper, G. De G., 1*L.* 40 Kirkland  
 Cooper, J. H., 1*L.* 40 Kirkland  
 COPELAND, C. T., *Instr.* S. 7  
 Copeland, E. M., 4*C.* S. 9  
 Corbett, N. D., 1*L.*  
 12 Pleasant, Dorchester  
 Corbin, A. E., 1*C.* 1270 Mass. Ave.  
 Cordova, J. D. de, 4*C.* C't 27  
 Cornwell, H. C. de V., 2*M.*  
 12 Mt. Auburn

Corwin, A. W., 3L. 42 Kirkland  
 Costa, J. F., 2C. 56 Plimpton  
 Costigan, E. P., 3C. 40 Irving  
 Cotton, John P., 3C. M. 14  
 Cotton, Joseph P., 1L. Hilton A  
 Cotton, W. D., 1L. 77 Walnut P'k, Roxbury  
 Cottrell, H. J., 2M. 160 W. Canton\*  
 Couch, B. W., 2L. 19 Irving  
 Couch, J. F., gr.M. Harv. Med. Sch.\*  
 Coues, R. W., 2G. 104 Mt. Auburn  
 Coughlan, G. R., 1L. 65 Hammond  
 COUNCILMAN, W. T., Prof. M. Harv. Med. Sch.\*  
 Counter, J. A., 3Dn. 126 Charles\*  
 Cousins, N. W., gr.M. Waltham  
 Coveney, J. A., 2L. 73 Marshall, Somerville  
 COWLES, E., Instr. M. McLean Hospital, Waverley  
 Cox, A., 2L. 6 Story  
 Cox, R. H., 3C. P. 44  
 Cox, S. B., 2C. Ware 42  
 Cox, S. F., 2M. 71 Church, Lowell  
 Coyle, P. E., 1C. C't 8  
 Coyne, T. J., 2V. 9 Winthrop, Charlestown  
 Cozzens, G. F., 4C. H'ke 4  
 CRAIGIN, G. A., Asst. M. 405 Marlboro\*  
 CRAM, G. W., Recorder. Dunster 21  
 Cram, W. F., 1C. Dunster 18  
 Crandon, Le R. G., 4M. 31 Dartmouth\*  
 Crane, B. T., 1M. 12 Wyoming Ave., Melrose  
 Crane, C. C., 3M. 12 Wyoming Ave., Melrose  
 Crane, R. D., 2C. 360 Harvard  
 Craven, A. B., 2S. Felton 16  
 Crawford, F. X., 4M. 661 4th, So. Boston  
 CRAWFORD, L. F., Proctor (also  
 1G.) C. 17  
 Creden, B. T., 3C. M. 33  
 Creesy, E. L., 2M. 24 Abbott, Beverly  
 Creighton, E., 4C. 1697 Cambridge  
 Cresap, E. B., 1L. Felton 14  
 Crilly, O. D., 2C. G. 9  
 Crimmins, T., 2S. Apley 21  
 Crocker, C., 1C. Little's 25  
 Crocker, G. G., 3C. Wadsworth 9

Crocker, J. R., 4C. Ware 12  
 CROCKETT, E. A., Asst. M. 226 Marlboro\*  
 Croly, H. D., 2C. 18½ Hilliard  
 Cromwell, E. M., 2M. 86 Eutaw, E. Boston  
 Cronin, C. H., 1L. 13 Weld Hill\*  
 Cronin, M. J., 4M. 37 Walnut, Chelsea  
 CRONON, P. J., Instr. V. 257 Northampton\*  
 Cropley, W. L., 1C. 96 Prescott  
 Crosby, A. P., 1C. 44A Concord Ave.  
 Crosby, S., 1C. Prescott 14  
 Crosby, W. T., 3M. Brockton  
 CROSS, H. DeW., Inst. Dn. Nashua, N. H.  
 Cross, H. P., 1L. 41A Irving  
 Cross, R. C., 2M. Chelsea  
 Crowell, G. M., 3M. 32 Dartmouth\*  
 Crowley, J. L., 3C. 54 Fairmont  
 Crown, F. B., gr.M. Dorchester  
 Crowther, F., 3Dn. 268 Dudley\*  
 Culver, C. M., 2L. 1586 Cambridge  
 Cummings, A. C., 2M. 167 Warren Ave.\*  
 CUMMINGS, E., Asst. Prof. Irving, cor. Scott  
 Cummings, F. R., 4M. 11 Haviland\*  
 CUMMINGS, J., Instr. T. 7  
 Cummings, M. E., 1M. 598 High, W. Medford  
 Cunniff, M. J. G., 4C. 34 Gray\*  
 Cunningham, A. B., 1L. P. 26  
 Cunningham, J. H., 1M. 2 County Road, Chelsea  
 Cunningham, J. J. sL. 1671 Cambridge  
 Cunningham, S., 1C. 44 Brattle  
 Curless, H. G., gr.Dv. 63 Gorham  
 Curley, C. F., 1L. 10 Frisbie Pl.  
 Currie, F. T., 2Dn. 376 Harvard  
 CURRIER, T. F., Asst. in College  
 Library, 32 Alaska, Roxbury  
 Currier, W. E., 4M. Leicester  
 CURRY, S. S., Instr. Dv. 18 Prescott  
 Curtis, B., 2C. Dunster 44  
 Curtis, B. R., 1G. H'y 13  
 Curtis, C. B., 2C. Shepherd 7  
 Curtis, F., 4C. Claverly 55  
 CURTIS, G. C., Asst. 64 Crawford, Roxbury  
 Curtis, J. F., 3C. Claverly 42  
 Cushing, H. H., 2S. 22 Mt. Auburn

- Cushing, R. P., 3S. T. 21  
 Cushing, W. H., 1G. 30 Otis, Medford
- CUSHMAN, A. S., *Asst.* (also 2G.), Prescott 13
- Custis, P. H., 1C. M. 13  
 Custis, V., 1C. M. 13
- CUTLER, E. G., *Instr. M.* 214 Beacon\*  
 Cutler, S. C., 2S. W. 15
- CUTLER, W. H., *Janitor*, Mass. Hall  
 Cutter, A. H., 1M. City Hospital\*  
 Cutter, C. W., 4C. T. 9  
 Cutter, I. T., 1C. Ware 13  
 Cutting, W. B., 2C. Claverly 23  
 Cutting, W. L., 3C. 78 Mt. Auburn
- Daell, P. A. H. van, 4C. 105 Irving  
 Daggett, F. W., 2S. P. 82
- Daley, J., 3Dn. 6 Belvidere\*  
 Dalton, P. S., 4C. Wadsworth 7  
 Dalton, R. O., 2C. Hilton 21  
 Daly, C. D., 1C. 561 Mass. Ave.  
 Daly, D., 1C. Trinity 1  
 Damon, I., 3C. F. 1  
 Dana, H. W., 2C. Claverly 31  
 Dana, R. H., 1C. M. 5  
 Dana, R. P., 2C. 1256 Mass. Ave.
- DANFORTH, A., *Comptroller*,  
 12 Mt. Vernon\*
- Daniels, F. P., 1Dv. D. H. 3  
 Danker, F. H., 1C. 52 Eastern Ave., Malden
- DARLING, E. A., *Asst. M.*  
 1603 Mass. Ave.
- Darling, S. B., 2L. 158 Central, Somerville  
 Darling, W., *grM.* Harv. Med Sch.\*
- Dauner, F. E., 1C. Felton 31
- DAVENPORT, C. B., *Instr.*  
 11 Francis Ave.
- DAVENPORT, F. H., *Asst. Prof. M.*  
 419 Boylston\*
- Davenport, H. J., 2C. H'ke 48  
 Davenport, S. G., 1C. 1691 Cambridge
- Davidson, J. M., 1Dv. 28 Wendell  
 Davidson, R. S., sS. 35 Hudson  
 Davis, A., 2C. 7 Linden  
 Davis, A. W., 4C. Craigie 108  
 Davis, C. C., sS. 51 Mt. Auburn  
 Davis, C. H., 3M. 150 Broadway, Somerville  
 Davis, C. S., 3C. H'ke 10
- Davis, D. F., 2C. Little's 2  
 Davis, E. G., 4S. 465 Broadway  
 Davis, E. J., 3M. 16 Laurel  
 Davis, E. P., 3C. Craigie 108  
 Davis, F. A., 1G. 162 Boylston\*  
 Davis, G. F., 1S. M. 55  
 Davis, G. W., 2C. H. 29  
 Davis, H. A., 1Dn. 296 Columbia, Dorchester
- Davis, J. B., 1C. 40 Kirkland  
 Davis, J. C., sC. 40 Kirkland  
 Davis, J. C. B., sC. Claverly 130  
 Davis, J. W., 2Dn. 6 Follen\*  
 Davis, L., 4M. 154 Beacon\*  
 Davis, M., 2C. M. 30  
 Davis, M. B., 1L. 8 Clinton  
 Davis, N. R., 1C. 24 Bridge, Bemis  
 Davis, P., 3C. Craigie 207  
 Davis, P. B., 1L. 10 Frisbie Pl.  
 Davis, R. C., 1L. 3 Sumner  
 Davis, R. S., 4C. Waverly  
 Davis, S. B., 2L. W. H. 11  
 DAVIS, W. M., *Prof.* 17 Francis Ave.  
 Davis, W. S., 1C. T. 36
- DAVISON, A. H., 1M. 394 Washington, Dorchester
- Davol, C. W., sS. 1691 Cambridge  
 Davol, R., sC. 1691 Cambridge  
 Dawes, F. E., 2Dn. West Hingham  
 Day, J. B. W., 1Dv. D. 1  
 Deacon, C. F., 2M. 62 Clarendon\*  
 Dean, A. L., 2C. 16 Oxford  
 Dean, A. P., 3C. D. 30  
 Dean, B. W., 1S. P. 48  
 Dean, H. B., 3C. W. 52  
 Dean, P. D., 1C. 51 Parker\*  
 Dearborn, E. P., 4C. S. 14  
 Dearborn, G. V. N., 3G. 15 Union Park\*
- Dearborn, S. S., 4M. 169 W. Newton\*
- DeBlois, L. A., 3S. 372 Marlboro\*  
 DEBLOIS, T. A., *Instr. M.* 372 Marlboro\*
- De Ferrari, A. L., sC. 4 Wesley Pl.\*  
 Deitrick, F. S., 3L. 1664 Mass. Ave.  
 Delafield, J. R., 2L. Winthrop 26  
 Delano, C. W., sV. West Duxbury  
 Denholm, J. A., 3C. W. H. 3  
 Denison, G. H., 3C. Ware 1  
 Denison, J. A., 4C. P. 84  
 Denison, W. T., 1L. W. 51  
 Dennen, J. H., 3V. 50 Village\*  
 Dennis, J. C., 3C. S. 20

Dennis, W. C., 1*G.* 1750 Cambridge  
 Dennison, H. S., 3*C.* M. 11  
 Denny, F., *grM.* Harv. Med. Sch.\*  
 Denny, G. K., 3*C.* H'ke 16  
 DeNormandie, R. L., 4*C.* H'y 22  
 Derby, A. S., 2*L.* 40 Kirkland  
 Derby, G. S., 2*M.* 352 Beacon\*  
 Derby, I. H., 3*S.* 25 Inman  
 Derby, S. H., 3*C.* Manter 8  
 Desmond, E. M., 1*M.*  
 57 Gerrish Ave., Chelsea  
 Desmond, W. J., 3*C.* S. 20  
 Deusen, H. T. van, 1*M.*  
 12 Park Ave., Somerville  
 Devlin, J. E., 3*C.* Hilton 85  
 Devlin, J. H., 1*L.*  
 596 Cambridge, Allston  
 Dewey, P., 1*C.* M. 18  
 DEXTER, F., *Asst. Prof. M.*  
 148 Marlboro\*  
 Dexter, L. L. B., 4*C.* H'y 21  
 Dexter, R., 1*C.* 28 Holyoke  
 Dexter, S. O., 4*C.* M. 24  
 Dexter, W. E., 1*L.* Little's 20  
 Diaz, M. D., 3*S.* Craigie 201  
 Dibble, R. W., 1*C.* M. 26  
 Dibblee, B. H., 3*C.* 69 Mt. Auburn  
 Dickerman, E. L., 1*C.* 16 Oxford  
 Dickinson, C., 2*L.* W. H. 1  
 Dickinson, E. T., 3*Dn.*  
 3 Concord Sq.\*  
 Dickinson, H. F., *sL.* 12 Mt. Auburn  
 Dickinson, W. R., 3*C.* W. H. 25  
 Dickson, J., *sL.* H. 12  
 Dill, M. B., 1*C.*  
 16 Mt. Vernon, Dorchester  
 Dill, W. F., 3*L.* C. 20  
 Dillingham, W. E., 2*V.*  
 608 Shawmut Ave.\*  
 Dimick, C. E., 1*C.* C't 9  
 Dinsmore, W. P. J., 2*S.* Shepherd 16  
 Dinsmore, R. J., 2*V.*  
 29 Central, W. Medford  
 Dix, G. A., 3*M.* Somerville  
 DIXON, R. B., *Asst. (also 1*G.*)*  
 W. H. 58  
 Dixon, W. W., 2*S.* Ware 30  
 Dobyms, F., 4*C.* 6 Story  
 Dodge, A. M., 3*M.* Harv. Med. Sch.\*  
 Dodge, M. M., *sC.* 147 Mt. Auburn  
 Doe, R., 1*L.* 54 Langdon  
 Doherty, F. W., 2*C.*  
 396 Broadway, So. Boston  
 DOHS, F., *Instr.*, 18 Story

Dolan, A. W., 1*L.*  
 30 Rutherford Ave., Charlestown  
 Dolan, F. R. E., 2*C.* 20 Porter Road  
 Dolan, H. F. R., 2*C.* 20 Porter Road  
 Dole, C. F., 2*M.* 4 Carlisle\*  
 Dole, J. D., 3*C.* H'y 19  
 Dolman, C. G., 3*C.* 6 Story  
 Donald, M., 3*C.* 18 Plympton  
 Donaldson, W. R., 4*C.* M. 42  
 Donavan, J. M., 2*Dn.*  
 32 Auckland, Dorchester  
 Donham, A. G., 2*S.* 9 Francis Ave.  
 Donham, H. G., *sL.* 12 Francis Ave.  
 Donham, W. B., 3*C.* P. 56  
 Donlan, C. E., 4*M.* Lowell  
 32 Auckland, Dorchester  
 Doran, J. P., 2*L.* 112 Inman  
 Dorgan, J. A., 4*M.* Lawrence  
 Dority, A. A., 3*C.*  
 64 Bonair, Somerville  
 Dorman, W. E., 4*C.* S. 22  
 Dorr, G. H., 1*L.* D 7  
 Doucette, A. E., 3*L.* 24 Belvidere\*  
 Dougan, L. M., *sC.* 10 Mellen  
 DOUGLAS, E. R., *Asst. (also 3*G.*)*  
 54 Hammond  
 Douglass, E. H., 1*C.* 81 Montgomery\*  
 Douglass, M. H., 1*G.*  
 Newton Highlands  
 Dove, P., 4*C.* 65 Mt. Auburn  
 Dow, F. T., 2*C.* W. 42  
 Dow, J. W., *Asst. (also 1*G.*)*  
 Craigie 503  
 Dow, R., 2*L.* T. 61  
 Dowd, E. F., 4*M.* So. Natick  
 Dowd, F. J., 2*C.* 22 Mt. Auburn  
 Dowling, G., 3*Dn.* Allston  
 Downey, S. W. C., 2*L.*  
 1680 Cambridge  
 Downing, A. F., 1*C.* 15 Sparks  
 Dowst, K. C., 1*Dn.* 19 St. Botolph\*  
 Dowst, H. P., 3*C.* Ware 22  
 Doyle, G. B., 1*C.* 6 Linden  
 Doyle, J. F., 1*M.* Waltham  
 Drake, A. K., 4*M.* Harv. Med. Sch.\*  
 Drake, C. S., 3*S.* 2 Gorham  
 Drake, D. F., 2*L.* T. 34  
 Draper, A. J., 1*L.* Winthrop 30  
 Draper, C. D., 2*C.* 33 Bow  
 Draper, E. B., 3*C.* M. 2  
 Draper, F. E., 3*L.* Winthrop 31  
 Draper, F. M., 1*V.* East Norton  
 DRAPER, F. W., *Prof. M.*  
 304 Marlboro\*

- Dray, F. R., 4*M.* 244 Newbury\*  
 Dresser, H. W., *sC.* 19 Blagden\*  
 Driggs, H. P., 3*L.* Lawrence 26  
 Drinkwater, A., 2*C.* C't 15  
 Drummond, E. A., 2*M.* 43 Babcock, Brookline  
 Drury, G. P., 1*L.* Waltham  
 Drury, S. S., 1*C.* 22 Huntington Ave.\*  
 DuBois, A., 4*C.* M. 23  
 DuBois, F. R., 1*C.* W. 35  
 Duckering, W. W., 4*M.* 78 Clifton, Dorchester  
 Duckworth, P. H., 3*Dn.* 32 Princeton, Lowell  
 Dudley, E. L., 2*C.* Beck 24  
 Dudley, G. E., 3*C.* Ware 33  
 Dudley, H., 3*L.* 24 Avon Hill  
 Dudley, W. M., 1*C.* Ware 39  
 Duffield, G., 2*C.* 56 Mt. Auburn  
 Duffin, S. E., 1*C.* 23 Linden\*  
 Duffy, F. J., 3*C.* C. 34  
 Dumaresq, J., 2*C.* Dunster 55  
 DUNBAR, C. F., *Prof.* 64 Highland  
 Duncan, H. T., 2*L.* 39 Irving  
 Duncan, S. W., 2*M.* Brookline  
 Dunham, W. S., 2*C.* Ware 17  
 Dunlap, E. A., 2*C.* 41 Church  
 Dunn, C. H., 2*M.* 12 W. Cedar\*  
 Dunn, R. S., 4*C.* Ware 53  
 Dunning, A. B., *sS.* 65 Hammond  
 Dunning, R. C., *sS.* 16 Oxford  
 Dunstan, J. S., 2*C.* G. 8  
 Durant, J. MacW., 2*L.* 60 Walker  
 Durgin, A. F., 3*C.* H'y 14  
 Durgin, E. H., 1*C.* H. 16  
 DURGIN, S. H., *Lectr. M.* 175 Newbury\*  
 Durham, C. B., 2*C.* H'ke 44  
 Dustin, G. H., 2*S.* 7 Pearl, Somerville  
 Dutch, C. F., 1*C.* D. 18  
 Dutton, C. H., *sS.* C. 38  
 Dutton, G. D., 3*C.* H'y 4  
 Dutton, L. T., 1*S.* 132 Arlington, Watertown  
 Dutton, R., 1*M.* Wakefield  
 DUTTON, S. T., *Lectr.* Colburne Crescent, Brookline  
 Dutton, W. P., 3*L.* H. 8  
 DWIGHT, E. W., *Asst. M.* 19 Marlboro\*  
 DWIGHT, T., *Prof. M.* 235 Beacon\*  
 Dwinell, E. H., 2*L.* T. 38  
 Dwinell, W. G., 1*M.* 28 Gould Ave., Malden  
 Dyer, G. J., 3*C.* Claverly 45  
 Dyer, H. B., 4*C.* 77 Pemberton  
 Dyer, J. L., 3*C.* 25 Mt. Pleasant  
 Dyer, R. S. H., 1*C.* 58 Hammond  
 EAKLE, A. S., *Asst.* U. M.  
 Eames, F. M., 1*G.* 56 Trowbridge  
 Earle, R. B., 2*C.* 125 Galen, Newton  
 Eastman, A. C., 2*M.* Framingham  
 Eastman, C., 2*L.* 39 Irving  
 EASTMAN, C. R., *Asst. M. Z.* 354 Brookline  
 Eastman, G. H., 1*C.* 60 Ocean, Dorchester  
 Eastman, T. J., 1*C.* 28 Holyoke  
 Easton, E. T., 3*M.* Rockland  
 Eaton, F. W., 2*C.* H'ke 43  
 Eaton, H. A., 2*G.* 20 Elmwood Ave.  
 Eaton, H. R., 1*G.* 20 Mellen  
 Eaton, L., 2*C.* W. H. 53  
 Eaton, T., 2*L.* C. 19  
 Eaton, T. H., 2*C.* W. H. 53  
 Eaton, W. D., 3*C.* 11 Appian Way  
 Eaton, W. P., 2*C.* W. 11  
 Eberhardt, H., 1*S.* 312 Columbus Ave.\*  
 Eckert, J. E., 1*Dn.* Beck Hall  
 EDDY, F. G., *Instr. Dn.* Providence, R. I.  
 Edgell, C. S., 3*C.* H'y 1  
 Edgell, F. V., 4*S.* 14 Sumner  
 EDMANDS, J. R., *Asst. O.* 61 Garden  
 Edmunds, G., 3*L.* 9 Story  
 Edmunds, J. W., 4*C.* 12 Mt. Auburn  
 Edmunds, W., 2*C.* 25 Holyoke  
 Edson, J. W., 4*C.* T. 12  
 Edwards, A. B., *sC.* 108 Mt. Vernon\*  
 Edwards, E. B., 4*C.* Winthrop 32  
 Edwards, G. D., 3*C.* D. H. 3  
 Edwards, H., 2*G.* 108 Mt. Vernon\*  
 Edwards, R., 2*C.* W. 46  
 Egbert, N. A., 2*C.* 7 Linden  
 Eichorn, F. H., *sS.* 550 Mass. Ave.\*  
 Elder, E. E., 3*C.* C. 3  
 Eldred, A. G., *sC.* 12 Francis Ave.  
 ELDRED, A. W., *Instr. Dn.* Worcester  
 Eldredge, S. H., 1*S.* 25 Ware  
 Eliason, A. O., 1*G.*, D. 34  
 ELIOT, C. W., *President,* 17 Quincy  
 Elkins, D., *sC.* Claverly 44  
 Ellicott, J. P., *sC.* W. 2

- Elliot, H. S., *sC.* Ware 36  
 Ellis, A. B., *3Dv.* 18 Hereford\*  
 Ellis, B. H., *1C.* H'ke 47  
 Ellis, R. H., *sC.* Braintree  
 Ellis, S. G., *1S.* 36 Mt. Auburn  
 Ellis, W. F., *sC.* Braintree  
 Ellis, W. R., *4M.* 92 Concord Ave.  
 Ellison, C. L., *1C.* P. 83  
 Ells, R. P., *1C.* Trinity 1  
 Elwell, G. G., *3Dn.* 75 Appleton\*  
 Ely, C. H., *1S.* 17 Buckingham  
 Ely, M., *1L.* 17 Buckingham  
 Ely, V. D., *4C.* H'ke 18  
 Emerson, B. K., *1M.* 16 Berwick Pk.\*  
 Emerson, E. B., *4M.* 60 Garland, Everett  
 Emerson, E. S., *sC.* 395 Broadway  
 Emerson, R. L., *2M.* 395 Broadway  
 Emerson, W. R. P., *3M.* 255 Warren\*  
 EMERTON, E., *Prof.* 19 Chauncy  
 Emery, E. S., *1M.* 103 Bedford\*  
 Emery, M., *1S.* Shepherd 9  
 Emmons, A. B., *4C.* 27 Holyoke  
 Endicott, F. M., *1C.* Manter 5  
 Endicott, H., *1L.* 12 Oxford  
 Endicott, L., *1S.* 28 Holyoke  
 Endicott, T. H., *3C.* 28 Holyoke  
 Engel, E. F., *1G.* 109 Ellery  
 England, A. C., *1C.* P. 45  
 Ensign, C. S., *3C.* S. 32  
 ERNST, H. C., *Prof. M.*  
 8 Greenough Ave., Jamaica Plain  
 Esgate, J. I., *1Dn.* 12 Ellsworth Ave.  
 Esgate, T. D., *2Dn.* 12 Ellsworth Ave.  
 Essig, E. B., *1L.* 74 Dalton\*  
 Estabrook, M., *3C.* 26 Holyoke  
 Estabrooks, J. W., *1Dn.* Wollaston  
 Esty, R. P., *1L.* 19 Rutland  
 Eustis, A. H., *1C.* Prescott 3  
 Eustis, F. A., *1C.* Prescott 3  
 Eustis, L. E., *3C.* H'ke 38  
 Euston, E., *2C.* Apley 23  
 Evans, A., *1M.* 57 Worcester\*  
 Evans, C. F. A., *2C.* 827 Broadway, So. Boston  
 Evans, D. D., *1S.* 381 Harvard  
 Evans, O. D., *2C.* C. 21  
 Evans, W. R., *sC.* 157 Mt. Auburn  
 EVELETH, W. H., *Supt. of*  
*Grounds,* 18 Martin  
 EVERETT, C. C., *Prof. and Dean*  
*of Div. Faculty,* 53 Garden  
 Everett, E. E., *4M.* 114 Pembroke\*  
 Everts, W. P., *2C.* T. 36  
 EWALD, C. A., *Asst. M.* 94 Charles\*  
 Ewart, T., *1C.* Ware 13  
 Ewer, H. L., *2C.* T. 55  
 Ewing, A. B., *3C.* 1651 Beacon, Brookline  
 Eyre, A. S., *3C.* W. 6  
 Faber, H. B., *4S.* G. 32  
 Fabyan, M., *2C.* Beck 43  
 Failing, W. R., *2C.* D. 39  
 Fair, J. F., *4M.* Natick  
 Fair, R. P., *2M.* 8 Main, Natick  
 Fairbank, D., *2S.* Claverly 22  
 Fairbanks, H. L., *1L.* 39 Irving  
 Fairchild, B., *3C.* 69 Mt. Auburn  
 Fairchild, N., *1C.* 78 Mt. Auburn  
 Fairleigh, J. F., *sC.* 1727 Cambridge  
 Fairlie, A. M., *2C.* C. 16  
 Falker, J. E., *1C.* Ware 47  
 Fallon, G. P., *2C.* 40 Highland Pk., Roxbury  
 Fallon, W. E., *3Dn.* 37 Winthrop\*  
 Falvey, F. W., *3C.* G. 26  
 Fancy, C. R., *1S.* 7 Fletcher Terrace, Watertown  
 Farley, J. W., *3C.* 35½ Brattle  
 FARLOW, J. W., *Instr. M.* 234 Clarendon\*  
 FARLOW, W. G., *Prof.* 24 Quincy  
 Farquhar, F. C., *sS.* H'ke 30  
 Farr, D. H., *sC.* 9 Bow  
 Farrell, J. F., *2C.* 8 Grand View Ave., Somerville  
 Farrington, D., *2C.* Little's 9  
 FARRINGTON, E. L., *Asst. Demonstr.*  
*Dn.* Lowell  
 FAUNCE, W. H. P., *Preacher,*  
 2 W. 46th, New York  
 FAXON, C. E., *Asst. B.* Jamaica Plain  
 Faxon, T. K., *3C.* W. 53  
 FAXON, W., *Asst. M. Z.,* Arlington  
 Fay, A. G., *2C.* 1256 Mass Ave.  
 Fay, E. H., *1S.* Dunster 33  
 Fay, E. P., *2L.* G. 50  
 Fay, E. R., *1C.* 22 Prescott  
 FAY, S. B., *Asst. (also 2G.)* H. 5  
 Fayerweather, R., *3C.* T. 50  
 Feder, J. C., *2C.* Prescott 2  
 Federlin, E. J., *2Dn.* 374 Columbus Ave.\*  
 Feindel, J. C., *grM.* 211 W. Springfield\*



- Feiss, H. O., 4C. P. 70  
 Feiss, R. A., 1C. P. 67  
 FENN, W. W., *Preacher*,  
 Chicago, Ill. W. 29  
 Fentress, D., 2L. W. 29  
 Fenwick, G. B., 2C. T. 32  
 Ferguson, E. H., 4M.  
 489 Broadway, So. Boston  
 Ferguson, R. A., 2S.  
 489 Broadway, So. Boston  
 FERNALD, M. L., *Asst.* W. H. 58  
 Ferris, W. H., 1Dv. D. H. 5  
 Ffoulke, H. C., 4C. W. H. 38  
 Ficke, T. H., 1C. 59 Museum  
 Field, G. F., 2S. W. 24  
 Field, H. A., 4M. Quincy  
 Field, S. B., 4S. 63 Oxford  
 Field, W. L. W., sS. Milton  
 Fife, J. P., 1L. 3 Sumner  
 FILLEBROWN, T., *Prof. Dn.*  
 157 Newbury\*  
 Fincke, R., 1C. Claverly 4  
 Finlay, G. I., 4C. W. 27  
 Finney, H. W., 2C. T. 49  
 Fischer, O. E., 4M. Harv. Med. Sch.\*  
 Fish, A. L., 3C. D. 21  
 Fish, C. R., 1G. 65 Hammond  
 Fish, H. H., 3C. H'ke 32  
 Fish, M. E., 4C.  
 14 Chapel, Somerville  
 Fish, P. L., 1S. 1727 Cambridge  
 Fisher, I. J., 2M.  
 363 Broadway, Somerville  
 FISHER, J. H., *Instr.* (also 3L.) S. 16  
 Fisher, R. T., 4C. P. 46  
 Fisher, S. C., 3Dn.  
 102 Dorchester, So. Boston  
 FISHER, T. W., *Lect. M.* 39 Newbury\*  
 Fisher, W. R., 3C. H. 2  
 Fisk, I. L., 2L. 40 Kirkland  
 Fiske, A. H., 1C. Little's 25  
 Fiske, C. N., 3M. 14 Derne\*  
 Fiske, G. C., 2G. T. 44  
 Fiske, H. H., 1C. Hilton 8  
 FISKE, W. E., *Asst.* (also 4G.)  
 67 Highland Ave.  
 Fitch, A. P., 2C. M. 50  
 Fitch, C., 1C. M. 31  
 FITZ, G. W., *Asst. Prof. and Med.*  
*Visitor*, 7 Scott  
 Fitz, J. C. H., 1C. P. 39  
 Fitz, R. H., *Prof. M.* 18 Arlington\*  
 Fitz, W. S., 3C. Little's 17  
 FitzGerald, Charles G., 2C. Ware 55  
 FitzGerald, Cornelius G., 2C.  
 501 Warren, Roxbury  
 FitzGerald, H., 2C. Little's 30  
 Fitzgerald, J. J., 3Dn.  
 3 Dayton Ave., Roxbury  
 Fitzgerald, M. E., 4M. 64 W. Cedar\*  
 FitzGerald, R. Y., 3L. 12 Kirkland Pl.  
 FitzGerald, S. S., 2C. 58 Mt. Auburn  
 Fitzgerald, T. F., 2L. M. 33  
 Fitzgerald, T. F., 1L.  
 15 Lexington, Charlestown  
 Fitzgerald, T. R., 3Dn. Dorchester  
 Fitzpatrick, A. C., 1V. 44 Upton\*  
 Fitzpatrick, F. G., 1C. 40 Kirkland  
 FitzPatrick, J. E., 2C. Concord  
 Flagg, C. J., 4C. Little's 16  
 Flagg, H. W., 2C. Little's 16  
 Flaherty, M. J., 1G.  
 606 4th, So. Boston  
 Flanders, H. A., 1S.  
 93 Emerson, Melrose  
 Flanders, J., 2C. 22 Mt. Auburn  
 Flandrau, W. B., 1S. 18 Plympton  
 Fleisher, E. A., 3C. Ware 34  
 Fleming, G. E., 1C. W. 4  
 Flershem, R. B., 4C. 1256 Mass. Ave.  
 Fletcher, D. H., 3C. D. 21  
 FLETCHER, J. B., *Instr.*  
 4 Riedesel Ave.  
 Fletcher, R. H., 1G. 20 Mellen  
 Fletcher, W., 2M.  
 385 Columbus Ave.\*  
 Flint, J., 4C. 1130 Mass. Ave.  
 Flint, R., 1C. 8 Chauncy  
 Flower, H. H., 1C. 54 Garden  
 Flynn, E. J., 2L. H'ke 14  
 Fobes, H. N., 1C. Felton 22  
 Fogarty, F. W., 1L. 80 W. Cottage\*  
 Fogg, F. S., 2L. 49 Wendell  
 FOGLE, C. B., *Steward of the*  
*Dining Hall*, Memorial Hall  
 Foley, T. P., sC. 56 Plympton  
 Follansbee, A., 1C. Manter 1  
 FOLSOM, C. F., *Overseer*,  
 15 Marlboro\*  
 Folsom, J. W., 3G. 51 Porter Road  
 Forbes, C. S., 2C. 69 Mt. Auburn  
 Forbes, J. D., 3C. Dunster 44  
 Forbes, J. G., 1C. 56 Plympton  
 Forbes, R. S., 2C. H'ke 42  
 Force, H. C., 1C. Shepherd 19  
 Ford, C. W., 2C. 1132 Mass. Ave.  
 Ford, G. B., 3C. T. 37  
 Ford, L. A., 3L. 67 Oxford

- Ford, W. B., 1*G.* 9 DeWolfe  
 Fordyce, S. W., 4*C.* H'ke 27  
 Forman, L. C., 2*C.* Dunster 25  
 Forman, R. F., 1*S.* W. H. 41  
 Forrest, R. F., 4*M.*  
 28 Nichols Ave., E. Watertown  
 Forsman, S. W., 1*S.* M. 54  
 Forsyth, A., 4*S.* 21 Putnam Ave.  
 FORSYTHE, R. J., *Instr.* W. 7  
 Foss, G. B., *Lect. V. and Resi-*  
*dent Hosp. Surgeon,* 50 Village\*  
 Foss, J. W., *grM.* 259 Beacon\*  
 Foss, M. M., 2*C.* Trinity 3  
 Foster, A. V., 1*C.* M. 10  
 Foster, B. O., 3*G.*  
 Windsor Road, Brookline  
 Foster, E. S., 2*C.* 342 Harvard  
 Foster, G. H., 3*C.* Ware 49  
 Foster, H. I., 4*C.* H'y 12  
 Foster, J. W., 2*L.* 2 Walker Terrace  
 Foster, N. L., 2*L.* 19 Irving  
 Foster, R. W., 2*C.* 61 Brattle  
 Foster, W. T., 1*C.* C. 69  
 Fotch, A. J., 1*C.*  
 900 Broadway, So. Boston  
 Foulke, R. R., *sL.* W. H. 38  
 Fountain, C. P., 1*G.* 14 Mellen  
 Fowler, H. W., 4*C.* P. 53  
 Fox, E. W., 1*L.* 473 Broadway  
 Fox, F. B., 2*L.* T. 67  
 Fox, H. H., 2*C.* 99 Irving  
 Frame, J. M., 1*L.* 55 Hammond  
 Francis, J. S., 4*S.* Craigie 112  
 FRANCKE, K., *Prof.* 2 Berkeley Pl.  
 Frandsen, P., 4*C.* C. 38  
 Frank, H. P., 3*L.* 31 Mt. Vernon\*  
 Frank, J., 2*C.* H'ke 9  
 Frank, W. P., 3*C.* P. 13  
 Franklin, B. A., 3*C.* H. 30  
 Fraprie, F. R., 4*S.* T. 68  
 Fraser, A. P., 3*L.* 367 Harvard  
 Fraunfelter, C. E., *sC.* 65 Hammond  
 Frazier, H., 3*L.* Craigie 204  
 Freedman, L. M., 1*C.*  
 71 Putnam Ave.  
 Freeman, J. V., 1*C.* G. 49  
 Freeman, M. S., *sC.* C. 45  
 Freeman, R. M., 2*Dn.* 51 Hancock\*  
 Freese, J. H., *sL.* 16 Oxford  
 Freiberg, H. A., 2*C.* H'ke 18  
 Freiman, M., 1*C.* 41 E. Cottage\*  
 French, C. H., 4*C.* M. 38  
 French, C. S., 2*L.*  
 200 Commonwealth Ave.\*  
 French, H. L., 2*C.* 61 Brattle  
 French, H. W., 1*C.* W. 28  
 French, P., 3*C.* 28 Holyoke  
 Freund, S. H. E., 1*C.* C. 12  
 Fried, G. A., 3*C.* C't 39  
 Friedman, H. J., 1*L.* 42 Kirkland  
 Friedman, L. V., 3*M.*  
 82 Huntington Ave.\*  
 Friend, A. S., 2*C.* M. 12  
 FRIZELL, A. B., *Instr.* (also 4*G.*),  
 75 Linden, Dorchester  
 Frost, D. McK., 2*C.* Craigie 502  
 Frost, R. L., 1*C.* 16 Rutland\*  
 Frost, S. T., 1*L.* P. 6  
 Frost, W. A., 1*C.* C. 59  
 Frothingham, E. V., 2*L.* M. 19  
 Frothingham, J. W., 3*C.* Quincy 10  
 FROTHINGHAM, L., *Asst. V. and M.*  
 29 Gloucester\*  
 Frye, A. E., 2*G.* 52 Pinckney\*  
 Fuller, A. G., 2*C.* Manter 3  
 Fuller, A. N., 2*C.* G. 52  
 Fuller, C. B., 2*M.* Harv. Med. Sch.\*  
 Fuller, H. DeW., 1*G.* 61 Oxford  
 Fuller, H. H., 2*L.* W. 31  
 FULLER, R. W., *Asst.* (also 1*G.*)  
 G. 14  
 Fuller, S. L., 4*C.* 27 Holyoke  
 Fullerton, E. D., 4*C.* H. 10  
 Furlong, G. F., 2*S.* W. 25  
 Fyshe, J. C., 2*C.* T. 23  
 Gage, E. V., 3*C.* C. 53  
 Gage, J. A., *grM.* Harv. Med. Sch.\*  
 Galbraith, A. V., 3*C.*  
 63 Highland Ave.  
 Galbraith, J. S., 3*C.* 63 Highland Ave.  
 Gale, F. R., 1*Dv.* D. 2  
 Gale, H. A., 1*M.* M. 18  
 Gale, H. S., 2*C.* 5 Concord Ave.  
 Gallagher, T. M., 4*M.* Wellesley  
 Galloupe, J. A., 3*M.* Beverly  
 Galloway, T. W., 3*G.* 42 Bigelow  
 GANNETT, W. W., *Instr.* M.  
 274 Marlboro\*  
 GARBUTT, A., *Asst.* Revere  
 Garceau, A., 3*L.*  
 22 Highland, Roxbury  
 Garceau, E., *grM.* Harv. Med. Sch.\*  
 GARDINER, J. H., *Instr.* G. 18  
 Gardner, G. W., 2*M.*  
 37 Rutland Sq.\*  
 Gardner, P., 4*C.* 30 Walker  
 Gardner, W. J., 2*C.* 9 Storey

- GARFIELD, L. D., *Supt. of Buildings*, Mass. Hall  
 Garfield, L. M., 2*Dn.*  
     332 Main, Worcester  
 Garland, C., 2*C.* Concord  
 Garland, F. E., 4*C.* Craigie 302  
 Garland, F. P., 4*C.*  
     199 Beacon, Somerville  
 Garland, R., 3*C.* W. 39  
 GARMAN, S., *Asst. M. Z.* 17 Gray  
 GARRETT, A. C., *Instr.* 27 Everett  
 Garrett, T., 3*C.* H'y 24  
 Garrison, R. A., 2*C.* P. 42  
 Garrison, W. A., 3*G.* 1709 Cambridge  
 Garrison, W. L., 2*L.*  
     1763 Beacon, Brookline  
 Gaskill, N. B., 1*L.* 20 St. Botolph\*  
 Gasser, R. C., 1*L.* 16 Carver\*  
 GATES, L. E., *Asst. Prof.* M. 40  
 Gavin, J. M., 3*M.*  
     331 Broadway, So. Boston  
 Gaw, C., 4*C.* T. 64  
 Gay, E. L., 1*L.* Craigie 107  
 Gay, F. W., 4*C.* T. 51  
 GAY, G. W., *Instr. M.* 665 Boylston\*  
 Gay, H. S., 1*M.* 14 Sumner  
 Gaylord, J. S., 3*G.*  
     114 W. Springfield\*  
 Gaylord, W. A., 4*M.* 221 W. Canton\*  
 Gaymond, G. O., 3*Dn.* Dedham  
 GAZZOLO, F. H., *Asst.* (also 2*G.*),  
     22 Trowbridge  
 Geib, F. J., 3*M.* 30 Essex  
 Gentner, P. J., 1*G.* 65 Hammond  
 George, E. H., 2*C.* W. H. 19  
 George, J. E., 2*G.* 10 Oxford  
 Gerard, S. K., 1*L.* Winthrop 16  
 Gerdine, L. V. H., 2*G.* 14 Story  
 Germain, H. H., 4*M.* 863 Boylston\*  
 Gerrish, G. H., 1*S.* P. 80  
 Gerrish, T., 1*C.* W. 22  
 Gerrish, W. C., 3*C.* Quincy 3  
 GERRISH, W. P., *Asst. Obs.*  
     27 Garfield  
 Gerry, E. P., *gr. M.* Harv. Med. Sch.\*  
 Gerry, P. G., 1*S.* Dunster 30  
 Gerry, R. L., *s.S.* Dunster 20  
 Gibbons, S., 4*M.*  
     44 South, Jamaica Plain  
 Gibbs, D., 3*S.* G. 35  
 Gibbs, F. E., 3*C.* H'ke 32  
 Gibbs, J. M., 4*C.* S. 24  
 GIBBS, W., *Prof. Em.*  
     Newport, R. I.
- Gibby, H. E., 3*C.*  
     100 Crawford, Roxbury  
 Gibson, R. F., 1*M.* Dorchester  
 Giddings, H. G., 1*C.* S. 31  
 Gierasch, P. F. J., 3*C.* 16 Howland  
 Gifford, L. O., 3*S.* C. 33  
 Gilbert, C. E., 2*C.* 5 Warland  
 Gilbert, H. C., *gr. Dr.* 15 Shepard  
 Gilchrist, R. E., *s.C.* 44 Brattle  
 Gilder, R. de K., 3*C.* 31 Bow  
 GILDERSLEEVE, B. L., *Lectr.*  
     102 No. Calvert, Baltimore, Md.  
 Giles, G. A., 4*C.* T. 22  
 Gill, F. A., 2*L.* 1124 Mass. Ave.  
 Gill, P. S., 2*C.* P. 21  
 Gillespie, L. L., 4*C.* Ware 48  
 Gillespie, W. H., 2*G.* 65 Hammond  
 Gillpatrick, F. B., 1*S.*  
     71 Linden, Dorchester  
 Gilman, A. S., 2*C.* 5 Waterhouse  
 Gilman, C. S., 2*C.* H. 29  
 Gilman, J. E., 2*L.*  
     17 Holborn, Roxbury  
 GILMORE, E. A., *Sec'y Law Sch.*  
     (also 2*L.*) Austin Hall  
 Gilpin, V., 4*C.* Trinity 2  
 Gilsey, H., 2*L.* Craigie 204  
 Ginn, M. E., *s.C.* Quincy 5  
 Glazier, C. M., 1*Dn.*  
     16 Copeland, Roxbury  
 Gleason, C. J., 2*L.* 1599 Mass. Ave.  
 Gleason, G., 1*G.* S. 25  
 Gleason, G. H., 1*M.*  
     54 Bowdoin, Dorchester  
 Gleason, J. L., *s.S.* 79 Charles\*  
 Glennon, J. F., 3*L.* 3 Sumner  
 Glidden, H. K., 3*M.* 4 Day  
 Glidden, J. M., 1*C.* 56 Mt. Auburn  
 Glover, L. O., 1*G.* 17 Bay  
 Goad, W. F., 1*S.* Ware 3  
 Gochenauer, J. S., 2*C.* C't 42  
 Goddard, H. E., *gr. M.*  
     Harv. Med. Sch.\*  
 Goddard, J. B., *s.C.* 6 Ashton Pl.  
 Goddard, S. P., 2*C.* M. 6  
 Golden, L., 3*M.* 10 Henry, E. Boston  
 Goldfrank, F., 3*C.* C't 5  
 Goldie, W. V., 2*M.*  
     164 Huntington Ave.\*  
 Goldman, M. I., 1*C.* P. 79  
 Gonterman, M. G., 3*L.* 367 Harvard  
 GOODALE, G. L., *Prof.*, and  
     *Director of Botanic Garden,*  
     10 Craigie

- Goodenow, R., 1C. Craigie 208  
 Goodhue, E. E., 2C. 7 Buckingham Pl.  
 Goodman, J. E., 3C. 1134 Mass. Ave.  
 Goodrich, C. B., 1L. 53 Wendell  
 Goodrich, C. M., 1G. 16 Mellen  
 Goodrich, C. W., 2C. 10 Gibbens, Somerville  
 Goodrich, D. M., 4C. Claverly 37  
 Goodrich, R. S., 4C. W. H. 6  
 Goodridge, A. M., 2C. G. 38  
 Goodridge, F. J., 4C. G. 38  
 Goodridge, G. A., 3C. 12 Scott  
 Goodwin, C. W., 1M. 154 Point, Providence, R. I.  
 Goodwin, J. W., 1L. 1680 Cambridge  
 Goodwin, M. F., 3C. 32 Gorham  
 Goodwin, R. E., 1C. H'ke 43  
 GOODWIN, W. W., Prof. 5 Follen  
 GORDON, C. McC., Asst. 55 Trowbridge  
 Gordon, D., 3C. S. 26  
 Gordon, G., 1L. 124 Antrim  
 GORDON, G. A., Overseer, 645 Boylston\*  
 Gore, J. B., 2C. 424 Broadway  
 Gorrill, W. H., 2L. S. 15  
 Gotthold, A. F., 2C. W. 32  
 Gould, A. C., 2C. T. 8  
 Gould, A. H., 2M. 151 Huntington Ave.\*  
 Gould, C. F., 4C. W. H. 40  
 Gould, E. D., sC. W. 5  
 Grabau, A. W., 1G. 194 River  
 Grabill, E. V., 2L. 2 Gorham  
 Grady, H. M., 1M. So. Natick  
 Graham, E. H., sS. 25 Holyoke  
 Graham, E. T., sS. 67 Oxford  
 Grainger, H. A., 1M. 408 Meridian, E. Boston  
 GRANDGENT, C. H., Prof. 107 Walker  
 Granger, F. B., 2C. 53 Wendell  
 Grant, D., 2M. Harv. Med. Sch.\*  
 Grant, H. L., 3Dn. Trinity Court\*  
 GRANT, R., Overseer, 104 Marlboro\*  
 Grant, R. H., 1C. 1034 Mass. Ave.  
 Grant, W. H., grM. Harv. Med. Sch.\*  
 Grass, D. F., 1G. 14 Shepard  
 Grattwick, F. C., 1L. 60 Brattle  
 Graver, A. B., 1L. 18 Sumner  
 Graves, R. J., 2S. T. 45  
 Graves, W. P., 3M. 133 Newbury\*  
 Gray, C. D., 1G. 22 Sturtevant Hall, Newton Centre  
 Gray, E., 2C. Shepherd 18  
 Gray, E. A., 1C. 104 Avon Hill  
 Gray, G. F., 1C. 1716 Cambridge  
 Gray, H. B., 2M. Harv. Med. Sch.\*  
 Gray, H. G., 1L. W. H. 29  
 Gray, H. L., 1G. 63 Oxford  
 GRAY, J. C., Prof. L. 176 Beacon\*  
 Gray, J. C., 1L. 60 Brattle  
 Gray, R., 3L. 176 Beacon\*  
 Gray, R. W., 1C. Craigie 506  
 Gray, T. H., 1C. T. 33  
 Gray, W. H., 4C. W. 15  
 Graydon, J. A., 1C. Trinitv 5  
 Graydon, J. S., 4C. Hilton 7  
 Greeley, R. H., 1C. Apley 52  
 GREEN, C. M., Prof. M. and Sec'y of Med. Faculty, 78 Marlboro\*  
 Green, E. J., 1L. 1727 Cambridge  
 Green, F. W., sL. 13 Howland  
 GREEN, J. O., Prof. M. 182 Marlboro\*  
 Green, L., 3Dn. 17 Berwick Pk.\*  
 Green, M., 2L. W. 29  
 GREEN, S. A., Overseer, 317 Tremont Bldg.\*  
 Greene, D. C., 3M. 181 Beacon\*  
 Greene, E. R., 1C. 40 Bridge, Newton  
 Greene, F. R., 2C. H'ke 24  
 Greene, J. D., 1L. 67 Mt. Auburn  
 Greene, R. S., 1C. 26 Addison, Arlington  
 Greene, W., 1C. Craigie 103  
 Greenhalge, F. B., 4C. H'y 7  
 GREENMAN, J. M., Asst. P. 22  
 Greenough, C. N., 4C. T. 25  
 GREENOUGH, J. B., Prof. 9 Riedesel Ave.  
 Greenough, M. S., 4C. Claverly 55  
 Greenough, W., 2L. 44 Brattle  
 Greenwood, E. E., 1C. 45 Trowbridge  
 GREGORY, E. H., Instr. M. and Asst. V. Tappan, Brookline  
 Gregory, E. M., 1L. S. 10  
 Griffin, B. F., 3C. 190 Ash, Chelsea  
 Griffin, C. H., 4M. Providence, R. I.  
 GRIFFIN, C. S., Asst. (also 3G.), G. 43  
 Griffin, W. A., 2M. 47 St. Stephens\*  
 Griffith, G. C., sC. 32 Mellen  
 Griffiths, A. F., 1M. Lexington

- Grigg, F. W., *sC.* 64 Otis, Newtonville  
 Griggs, T. W., *3S.* Felton 26  
 Grik, C., *4C.* S. 23  
 Grimes, J. H., *4M.* 423 Mass. Ave.\*  
 Grimes, J. R., *3M.*  
     1 Prescott, Charlestown  
 Grinnell, E., *sC.* 56 Plympton  
 Grinnell, F. W., *3L.* 15 Millmont\*  
 Grinnell, H., *1B.* 100 Chestnut\*  
 Grose, H. B., *sC.* C. 63  
 GROSS, C., *Asst. Prof.*  
     11 Putnam Ave.  
 Grossman, A., *2C.* C. 15  
 Grove, F. H., *sC.* 40 Irving  
 GROVER, F. O., *Proctor*, (also  
     *4G.*), Read's 24  
 Guild, J., *1C.* T. 30  
 Guiler, H. A., *1C.*  
     942 E. Broadway, So. Boston  
 Guillow, L. E., *4C.* S. 2  
 GULICK, C. B., *Instr.* 18 Walker  
 Gulick, F. C., *2C.* Trinity 17  
 Gulick, J. G., *4C.* Trinity 17  
 Gundlach, E. T., *4C.* G. 11  
 Gunn, W. J., *2C.* H'ke 46  
 Gurney, M. K., *4C.* M. 60
- Hack, H. W., *4C.* Hilton 7  
 Hackett, H., *1C.* P. 76  
 Hager, W. P., *sS.* 299 Marlboro\*  
 Hagerman, G. F., *1L.* D. 39  
 Hagerman, L. W., *2L.* 57 Brattle  
 Haines, T. H., *1G.* 20 Mellen  
 HALE, E., *Asst. Prof. Dv.* 1 Bond  
 Hale, W. J., *4C.* 46 Irving  
 HALEY, H. W., *Instr. Dn.*  
     283 Dartmouth\*  
 HALL, A., *Lect.* 12 Kirkland Pl.  
 Hall, C. F., *1Dv.* M. 4  
 Hall, C. H., *grM.* Harv. Med. Sch.\*  
 HALL, E. H., *Prof.* 37 Gorham  
 Hall, E. J., *3S.* 38 Sacramento  
 Hall, F. Y., *4C.* W. 12  
 Hall, G. D., *3C.* Claverly 39  
 Hall, H. M., *3C.* T. 20  
 Hall, J. F., *3M.* Harv. Med. Sch.\*  
 Hall, J. G., *3G.* 9 Shepard  
 Hall, L. W., *1C.* H'ke 23  
 Hall, M. T., *1C.* 16 Howland  
 Hall, N. F., *2C.* 7 Irving Terrace  
 Hall, P. S., *1C.* C't 29  
 Hall, R., *1G.* 80 Mellen  
 HALL, R. W., *Asst.* (also *3G.*),  
     7 Irving Terrace
- HALL, T., *Instr.* Little's 18  
 Halle, A. J., *4C.* P. 70  
 Halle, E. S., *1L.* P. 52  
 Hallet, E. K., *2Dn.* 11 Mayfair\*  
 Halliday, J., *2C.* T. 3  
 Halloran, T. J., *3M.* Lowe:1  
 Hallowell, J. W., *1C.* Claverly 43  
 Hamilton, A. S., *1L.* 111 Trowbridge  
 Hamilton, C. A., *3C.* W. H. 3  
 Hamilton, T. E., *2C.* 43 Irving  
 Hamilton, W., *4M.* Holyoke  
 Hamlin, W. E., *grM.* Waltham  
 Hammett, G. B., *1Dn.*  
     114 Broadway, Taunton  
 Hammond, E. H., *2C.* 40 Holyoke  
 Hammond, F. L., *2C.* D. 34  
 Hammond, F. O., *1C.*  
     10 Appian Way  
 Hammond, O. D., *2L.* P. 9  
 HAMMOND, P., *Asst. M.*  
     363 Boylston\*  
 Hammond, W. J., *3M.* Quincy  
 Hanavan, G. B., *2L.* G. 21  
 Hancock, J. C., *4M.* 1074 Boylston\*  
 Hanna, A. S., *4S.* D. 24  
 Hanna, T. F., *2M.* 5 Church, Natick  
 Hanrahan, T., *3Dn.* 3 Concord Sq.\*  
 Hanson, C. T., *1S.* F. 6  
 Hanson, F. L., *4C.* 58 Hammond  
 Hanson, W. C., *3C.* 36 Gray  
 Hapgood, L. S., *1M.* H'y 8  
 Harbeck, C. J., *2C.* 7 Linden  
 Harding, B. F., *2G.* Belmont  
 Harding, C. L., *2S.* Dunster 35  
 Harding, E., *3L.* 60 Brattle  
 Harding, G. H., *3Dn.* 54 Falmouth\*  
 Harding, H. A., *3L.* C't 13  
 Harding, W. G., *1C.*  
     37 Jewett, Newton  
 Hardon, C., *1C.* H'y 19  
 Hardwick, E. V., *2M.* Quincy  
 Hardy, R. S., *1C.* Shepherd 4  
 Hardy, T. E., *4M.* 110 Dartmouth\*  
 Hardy, T. S., *3C.* 12 Mt. Auburn  
 Harkins, J. F., *2M.* 10 Main, Quincy  
 Harkness, F. E., *1L.* Ware 28  
 Harley, F. W., *3S.* Hilton 26  
 Harlow, E. D., *3C.* C't 14  
 Harper, A. J., *1S.* H. 19  
 Harper, C. S., *sC.* 40 Kirkland  
 Harper, R. M. H., *1C.* Claverly 4  
 Harrington, A., *2L.* M. 35  
 HARRINGTON, C., *Instr. M.*  
     57 Orchard, Jamaica Plain

- Harrington, J. T., 3C. T. 31  
 Harrington, W. L., 4C. T. 31  
 Harrington, W. W., 1L. 21 Mellen  
 Harris, A., 2S. 49 Cushing  
 Harris, A. E., 2C. Warland 13  
 Harris, D. G., 2C. Warland 13  
 Harris, F. W., 3C. 42 Highland Ave., Somerville  
 HARRIS, G., *Preacher*, Andover  
 Harris, R. B., 3C. W. 30  
 Harris, R. W., 3C. G. 28  
 Harris, T. LeG., 1G. 14 Shepard  
 Harris, W. A., 2S. Craigie 202  
 Harris, W. C., 3C. 42 Highland Ave., Somerville  
 Harrison, R. W., 3L. W. H. 16  
 HART, A. B., *Prof.* 15 Appian Way  
 Hart, E. J., 3Dn. 238 Washington Ave., Chelsea  
 Hart, F. A., 2C. 1208 Mass. Ave.  
 Hart, H. G., sC. H'ke 21  
 HART, J. G., *Instr.* Little's 18  
 Hart, J. S., 4M. So. Lincoln  
 Hart, W. A., 1L. Winthrop 21  
 Hartman, B. F., 1V. 73 Village\*  
 Hartnett, E. D., 4M. 24 London, E. Boston  
 Hartshorn, S. H., 4C. Claverly 52  
 Hartwell, H. F., 4M. Hotel Oxford\*  
 Hartwell, W. W., 2M. 88 Pleasant, Woburn  
 Hartzell, W. T., 3L. P. 71  
 Harvey, C. W., 2C. 48 Quincy  
 Harvey, J. F., 3M. 20 Temple\*  
 Harvey, W. W., 4M. 49 Edgewood\*  
 Hasbrook, A., 2C. W. H. 61  
 Haskell, C. G., 1C. H'ke 31  
 Haskell, E. K., 3C. M. 56  
 Haskell, G. B., 3C. H'ke 4  
 Haskell, H. B., 2M. 49 Pembroke\*  
 Haskins, F. H., 3M. 30 Massasoit, Springfield  
 Hastings, G. B., 1L. Brookline Ave.\*  
 Hastings, T. M., 4S. Little's 6  
 Hatch, C. H., 2S. Claverly 130  
 Hatch, C. P., sC. Hilton 31  
 Hatch, E. J., sS. W. H. 41  
 Hatch, E. S., 3M. 8 Sparhawk, Brighton  
 Hatch, G. B., 2L. P. 15  
 Hatch, G. C., 1M. 76 Chandler\*  
 Hatch, J. K., 2Dn. 4 St. James Ave.\*  
 Hatch, L. C., 3G. 11 Mason  
 Hatch, R. C., 2C. M. 31  
 Hatch, W. H. P., 4C. D. 20  
 Hatfield, H. K., 4M. 129 Marlboro\*  
 Hathaway, G. A., sC. 9 Francis Ave.  
 Hathaway, J. W., 2C. 119 Dartmouth\*  
 Hathaway, R., 1M. 402 Boylston\*  
 Haughton, P. D., 3C. 30 Holyoke  
 Haughton, R., 2C. M. 21  
 Hauptman, G. D., 2L. 334 Harvard  
 HAVEN, G., *Instr. M.* 1 Exeter\*  
 Havey, J. F., 1C. Trinity 1  
 HAWES, C. S., *Auditor of*  
*Dining Ass'n*, 10 Remington  
 Hawes, J. B., 2C. P. 40  
 Hawkes, C. E., 1M. 118 Dartmouth\*  
 Hawkins, D. P., 2S. 1200 Mass. Ave.  
 Hawkins, H. C., 1C. W. 19  
 Hawkins, M. A., sC. 57 Museum  
 Hawkins, P. E., 1C. 25 Holyoke  
 Hawkins, W. H., 3C. 53 Oxford  
 Hawks, A. S., sS. 16 Garden  
 Hawley, T. R., 2C. 40 Newhall, Malden  
 Haycock, E., 2G. 23 Chester, Somerville  
 Hayden, F., 3C. 43 Irving  
 Hayden, H. B., 3C. Warland 12  
 Hayden, J. P., 4C. Warland 15  
 HAYDEN, T. B., *Instr. Dn.* 687 Boylston\*  
 Hayes, A. E., 4M. 124 Dartmouth\*  
 Hayes, B. H., 2C. H'y 2  
 Hayes, C. R., 2C. Ware 26  
 Hayes, H. R., 1C. Craigie 505  
 Hayes, J. E. R., 2L. 19 Sacramento  
 Hayes, J. H., 1M. 20 Montello\*  
 HAYES, J. J., *Instr.* 5 Hilliard Pl.  
 Hayes, W. S., 3C. C. 34  
 Hayward, H. W., 1L. 1134 Mass. Ave.  
 Hayward, J. B., 1G. Trinity 16  
 Hayward, L., 1C. D. 17  
 Hazard, P. R., 2L. H. 6  
 Hazeltine, H. D., 3L. 14 Trowbridge Pl.  
 Hazlett, J. H., sC. 94 Wendell  
 Healey, W. C. S., 4C. 193 Webster, E. Boston  
 Healy, D. L., 4M. W. Newton  
 Healy, J. R., 3S. G. 2  
 Healy, W., 2M. 4 Gorham  
 Heard, E., 1C. 35 Bow  
 Hearn, W. L., 1C. 1709 Cambridge

- Heath, C. W., 1 B. 20 Weld Hill\*  
 Heath, R. C., 2 C. 35 Bow  
 Hebard, C. S., 2 C. 147 Harvard  
 Hecht, S. E., 4 C. Ware 34  
 Heckscher, S., 2 L. 6 Story  
 Hedgus, R. S., 3 C. Ware 16  
 Hedrick, E. R., 1 G. 2 Gorham  
 Heilborn, W. S., 1 C. 167 Mass. Ave.  
 Heilig, F., 1 G. M. 49  
 Heilman, W. C., 2 C. W. H. 25  
 Heilprin, W. A., 1 C. C't 11  
 Heimrod, G. W., 4 C. 61 Oxford  
 Heinrich, O. J., 2 Dn. 149A Tremont\*  
 Heinsling, E. L., s C. 1134 Mass. Ave  
 Heller, I. S., 3 L. 1691 Cambridge  
 HEMENWAY, A., *Overseer*,  
 10 Tremont\*  
 HENDERSON, C. H., *Lectr.*  
 55 Trowbridge  
 Henderson, C. R., 1 C. Apley 32  
 Henderson, H. P., 1 C. P. 72  
 HENDERSON, L. J., *Asst.*, (also 4 C.)  
 W. 34  
 Hendrick, F., 1 L. G. 3  
 Hendricks, A. B., s S. 6 Ash St. Pl.  
 Hennen, W. D., 2 C. C't 33  
 Henney, J. B., 1 C. Hilton 38  
 HENNING, G. N., *Asst.* (also 1 G.),  
 F. 5  
 HENSHAW, S., *Asst. M. Z.*  
 3 Mercer Circle  
 Herbert, C. G., 1 C. 65 Oxford  
 Herbst, P. F., 1 M. 150 W. Newton\*  
 Hershheim, C., 4 C. C't 26  
 Herr, I., s C. 22 Mt. Auburn  
 Herrick, T. G., 3 M. Newport, N. H.  
 Hersey, C. B., 2 C. 61 Oxford  
 HERSEY, E., *Supt. of Bussey*  
*Farm*, Bussey Farm, Roslindale  
 Hersey, F. W. C., 3 C.  
 1611 Mass. Ave.  
 Hersey, G. M., 1 Dn. Hingham  
 Hess, P. W., 1 M.  
 66 Madison, Malden  
 Hess, W. C., 2 C. 46 Linden, Everett  
 Hester, O. T., 1 L. 12 Howland  
 HEWES, H. F., *Asst. M.* 3 Fairfield\*  
 Hewins, A. S., s C. Arsenal Sq.  
 Hewins, J., 4 C. H'ke 45  
 Hewitt, H. B., s C. Ware 8  
 Hewitt, J. H., 1 S. Ware 8  
 Hewitt, M. F., 1 S. Ware 8  
 Hewitt, W. O., 2 M.  
 81 Shores, Taunton  
 Hickman, W. A., 3 S. Felton 2  
 Hicks, R. B. C., 2 G. S. 1  
 Higbee, G. G., 1 S. 1278 Mass. Ave.  
 HIGGINS, F. A., *Asst. M.*  
 22 Marlborough\*  
 Higginson, A. H., 4 C. Wadsworth 7  
 HIGGINSON, F. L., *Overseer*,  
 274 Beacon\*  
 Higginson, F. L., 2 C. Claverly 20  
 HIGGINSON, H. L., *Fellow*, 44 State\*  
 Higginson, S., 3 C. Hilton 27  
 Highlands, A. A., 3 L. 367 Harvard  
 Hilary, F. A., 1 G., 107 Inman  
 Hildreth, A. H., 2 L. 14 Garden  
 Hildreth, H. E., 3 C. 6 Linnaean  
 HILL, A. S., *Prof.* Sever 3  
 Hill, C. E., 1 C. H'ke 26  
 Hill, D. M., 4 C. H'y 12  
 Hill, G. S., 3 M.  
 140 Sycamore, Somerville  
 Hill, H., 1 S. 1256 Mass. Ave  
 HILL, H. B., *Prof.* and  
*Director of Chem. Lab.* B. 15  
 Hill, H. H., 3 C. M. 41  
 Hill, J. G., 2 L.  
 749 Merrimac, Lowell  
 Hill, W., 1 C. 42 Sacramento  
 Hillen, T. O., 1 C. Apley 33  
 Hilliard, E. B., 2 C. C't 10  
 Hilliard, L. E., 2 C. P. 63  
 Hills, A. S., 2 C. 42 Kirkland  
 Hills, G. E., 1 L. Beck 33  
 HILLS, W. B., *Assoc. Prof. M.*  
 27 Everett  
 Hinchey, J. P., 2 C. 99 Revere\*  
 Hinchey, R., 4 M. Lexington  
 Hindes, J. C., 3 Dn. 119 St. Botolph\*  
 Hinkley, T. T., 1 C. 6 Riedesel Ave.  
 Hinman, G. Walker, 4 C. F. 8  
 Hinman, G. Warren, 1 Dv.  
 347 Broadway  
 Hinton, G., 1 G. 61 Oxford  
 Hirsch, D. C., 1 C. G. 37  
 Hirsch, M., 2 C. M. 15  
 Hirshberg, H. S., 2 C.  
 1553 Beacon, Brookline  
 Hirshberg, S., 2 G.  
 1553 Beacon, Brookline  
 Hitchcock, A. B., 1 S. P. 8  
 Hitchcock, R., 1 L. Winthrop 18  
 Hitchings, F. W., 1 S.  
 41 Highland, Dedham  
 Hite, L. F., 5 G. 1 Avon Pl.  
 Hoag, C. G., 1 G. 14 Mellen

Hoag, L., 2*M.* 12 Sunderland\*  
 Hoague, T., 4*C.* 44 Brattle  
 HOAR, G. F., *Overseer*, Worcester  
 HOAR, S., *Fellow*, Concord  
 Hobbs, C., 2*C.* 35 Bow  
 HODGES, G., *Preacher*, 3 Mason  
 HODGES, N. D. C., *Asst. in*  
*Coll. Lib.* College Library  
 Hodges, R. O., 2*S.* P. 36  
 Hodges, W. J., 1*S.*  
 23 Kenwood Ave., Newton Centre  
 Hodskins, F. G., 3*C.* T. 1  
 Hoe, R., 3*C.* Apley 43  
 Hogg, G., 3*L.* Winthrop 14  
 Hoguet, R. L., 3*C.* C't 23  
 Holbrook, C. A., 2*C.* C. 11  
 Holbrook, M. S., 3*C.* T. 17  
 Holden, A. B., 2*C.* W. 2  
 Holden, J. B., 3*C.* Ware 19  
 HOLIDAY, F. E., *Proctor* (also  
*sS.*), C. 17  
 Holland, R. S., 2*C.* Little's 1  
 Holliday, G. J., 3*L.* 1697 Cambridge  
 Holliday, J. H., 2*C.* Little's 2  
 Hollings, C. B., 1*C.* 2 Hancock Pk.  
 Hollings, W. F., 2*S.* S. 19  
 Hollis, A. W., 2*C.* P. 57  
 HOLLIS, I. N., *Prof.* 17 Hammond  
 Hollis, S. H., 4*C.* P. 24  
 Hollister, S., 1*L.* W. H. 5  
 Holman, L. D., 1*Dn.* Saxonville  
 Holmberg, C. L. M., 2*M.* Campello  
 Holmes, A. B., 2*M.* Kingston  
 Holmes, E. J., 2*L.* 245 Beacon\*  
 Holmes, G. E., 1*S.* 36 Mt. Auburn  
 Holmes, G. M. R., 4*C.*  
 229 Marlboro\*  
 Holmes, H. F., 4*S.* (also 1*M.*) D. 33  
 Holmes, J. H., 2*C.* S. 18  
 Holmes, J. R., 3*C.* H'ke 47  
 Holmes, M. B., 3*C.* 68 Mt. Auburn  
 Holmes, T. L., 2*C.* M. 52  
 Holsinger, W. H., 2*C.*  
 1611 Mass. Ave  
 Holt, E. B., 1*G.* W. 45  
 Holt, F. H., 4*M.* 73 Appleton\*  
 Holt, F. H. F., 3*C.* 1 Langdon Sq.  
 Holt, H. J., 4*C.* T. 6  
 Holt, W. L., 2*C.* P. 40  
 HOMANS, J., *Instr. M.* 164 Beacon\*  
 Homans, J. A., 3*C.* Little's 10  
 Hone, J. B., 3*L.* Craigie 102  
 Hood, C. W., 3*C.*  
 55 Windsor, Roxbury

HOOPER, E. W., *Treasurer*,  
 Fayerweather  
 Hooper, H. T., 4*C.* M. 32  
 Hooper, L. L., 2*G.* C. 6  
 Hopkins, F. G., 2*C.* 9 De Wolfe  
 Hopkins, H. M., 3*G.* 9 De Wolfe  
 Hopkins, R. G., 3*C.* Read's 12  
 HOPKINS, S. U., *Asst.* W. H. 52  
 Hopkinson, A. E., 1*M.*  
 Harv. Med. Sch.\*  
 Hoppe, L. J., 3*L.* 67 Oxford  
 Horgan, J. D., 2*S.*  
 1 Leeds, Dorchester  
 Horne, H. H., 2*Dv.* D. 19  
 Hörstmann, F. O., 3*C.* 28 Holyoke  
 Horton, L. H. W., 1*C.* 17 Dunster  
 Hosley, W. A., 2*C.* M. 48  
 Hosmer, A. G., 1*M.* 11 Irvington\*  
 Hosmer, G. M., 1*C.*  
 13 Arlington, Somerville  
 Hosmer, H. J., 3*C.* H'ke 3  
 Hosmer, J. C., 1*C.* P. 11  
 Hosmer, L. H., 4*C.* Claverly 29  
 Houlden, R. T., 3*L.* 51 Wendell  
 Hovestadt, J. F., 2*Dn.* 2 Park Sq.\*  
 How, L., 1*L.* 44 Brattle  
 HOWARD, A. A., *Asst. Prof.* 8 Hilliard  
 Howard, Amasa H., 1*C.* C. 9  
 Howard, Arthur H., 4*C.* H. 10  
 Howard, A. S., 2*L.* P. 20  
 Howard, E. H., 4*M.* 164 W. Canton\*  
 Howard, E. W., 1*C.* Little's 30  
 Howard, H. S., 1*C.* 52 Mt. Auburn  
 Howard, J. F., 3*M.* Lawrence  
 HOWARD, L. H., *Lect. V.*  
 67 W. Newton\*  
 Howard, P. B., 2*M.*  
 204 Aspinwall Ave., Brookline  
 HOWARD, W. G., *Instr.* G. 5  
 Howe, G. P., 1*C.* Little's 32  
 Howe, H. F., 1*C.* P. 32  
 Howe, H. L., 3*Dn.*  
 5 Oxford Terrace\*  
 Howe, J. C., 3*C.* 52 Mt. Auburn  
 Howe, R. H., 3*S.* Longwood  
 Howe, T. C., 2*G.* 88 Hammond  
 Howe, W., 2*L.* 52 Brattle  
 Howe, W. C., 4*M.* Dedham  
 Howe, W. D., 3*G.* 88 Hammond  
 Howe, W. H., 1*M.* Lowell  
 Howell, J. A., 2*L.* C. 49  
 Howell, W. W., 2*M.*  
 4 Cedar Ave., Jamaica Plain  
 Howes, O., 2*C.* 24 Holyoke



- Howes, W. F., *sC.* Rockland  
 Howland, O. A., *2C.* W. 43  
 Howland, G. W., *4C.* 421 Broadway  
 Hoxie, I. R., *1C.* T. 52  
 Hoyer, H. W., *1C.* 1716 Cambridge  
 Hoyt, G. M., *2S.* C. 37  
 Hoyt, R. E., *1M.*  
     7 Monmouth Pl., Brookline  
 Hoyt, W. W., *2M.* 10 Hilliard  
 Hoyting, G. J., *2C.* H. 28  
 Hubbard, A. L., *3L.* 21 Ellery  
 Hubbard, F. T., *4C.* 150 Brattle  
 Hubbard, G. G., *2C.* 52 Mt. Auburn  
 Hubbard, H. R., *2C.*  
     61 W. Bellevue Ave.  
 Hubbard, J. E., *4C.* 6 Fayette  
 Hubbard, P. M., *4C.* M. 24  
 Hubbell, W. S., *1L.* Winthrop 23  
 Hudnut, P. A., *4M.* Wellesley  
 Hughes, H. J., *3S.*  
     25 Waverly, Brookline  
 Hughes, H. L., *2S.* P. 12  
 Huidekoper, R. S., *4C.* Apley 24  
 Huiskamp, J. E., *4C.* W. 1  
 HULING, R. G., *Lectr.*  
     101 Trowbridge  
 Humes, A. L., *2L.* Felton 1  
 Humphrey, C., *1S.* Ware 55  
 Humphrey, L. D., *1C.* 23 Maple Ave.  
 Hunnewell, J. M., *1C.* Apley 53  
 Hunnewell, W., *1C.* Craigie 104  
 Hunt, G. P., *2M.* E. Weymouth  
 Hunt, R., *2C.* Prescott 1  
 Hunter, D., *2C.* W. H. 21  
 Hunter, H. C., *2C.* W. 54  
 Huntington, A. T., *4M.*  
     74 Chester Ave., Chelsea  
 Huntington, C. D., *3C.* 12 Ware  
 Huntington, J. P., *1L.* 78 Oxford  
 HUNTINGTON, H. B., *Asst.*  
     7 Waterhouse  
 Huntress, H. P., *3C.* Hilton 17  
 Huntsman, O. B., *1G.*  
     286 Huron Ave.  
 Hurd, L. E., *3C.* C't 14  
 Hurlburt, H. F., *1C.* W. H. 37  
 HURLBUT, B. S., *Instr. and*  
     *Recording Secretary* U. 5  
 Hurley, D. J., *1Dn.* Ashcroft  
 Hurley, E. M., *sL.* 6 Story  
 Hurt, G. F., *3C.* H'ke 2  
 Hussey, J. M., *sC.* 46 Carver  
 Hutchins, H. D., *3Dn.*  
     51 Bloomfield, Dorchester  
 Hutchinson, A. S., *2L.* Lynn  
 Hutchinson, H., *3L.*  
     44 Billings Pk., Newton  
 Hutchison, P. A., *sC.* Craigie 302  
 Hutchinson, W. P., *1M.* Abington  
 Hutton, W. E., *3L.* S. 16  
 Huxley, H. M., *3C.* M. 1  
 HYATT, A., *Asst. M. Z.* Francis Ave.  
 Hyde, B. T. B., *sC.* 26 Trowbridge  
 Hyde, C. C., *3L.* W. H. 30  
 Hyde, F. E., *4C.* 26 Trowbridge  
 Hyde, F. T., *4M.* Harv. Med. Sch.\*  
 Hyde, H. S., *1C.* 32 Mellen  
 Hyde, J. H., *4C.* Claverly 6  
 HYDE, W. DEW., *Preacher,*  
     Brunswick, Me.  
 Hyman, M., *3C.* 2 Holmes Pl.  
 Hyman, S. I., *2C.* 56 Mt. Auburn  
 Ingraham, E., *2C.* M. 29  
 Ingraham, P., *4C.* Claverly 32  
 Ireland, G. P., *2S.*  
     377 Washington, Somerville  
 Irish, H. A., *sC.* 46 Langdon  
 Irvin, E. T., *3S.* 9 Bow  
 Iungerich, E. E., *3C.* 1256 Mass. Ave.  
 Ives, F. M., *1C.* P. 72  
 Ivins, W. M., *1S.* C't 41  
 JACK, E. E., *Asst. M.* 215 Beacon\*  
 JACK, J. G., *Lectr.*  
     Arnold Arboretum, Jamaica Plain  
 Jack, L. H., *3M.* Harv. Med. Sch.\*  
 Jackman, R. W., *1L.* Winthrop 25  
 Jackson, C., *4C.* 28 Holyoke  
 JACKSON, C. L., *Prof.* H'y 11  
 JACKSON, C. N., *4C.* S. 28  
 JACKSON, H., *Instr. M.*  
     309 Marlboro\*  
 Jackson, H. B., *1M.* Concord  
 Jackson, J. M., *2M.* Brighton  
 Jackson, L. S., *1C.*  
     938 South, Roslindale  
 Jackson, R. A., *3C.* 26 Holyoke  
 JACKSON, R. T., *Instr.*  
     33 Gloucester\*  
 Jackson, W. H., *3C.* W. H. 46  
 Jacobs, A., *4C.* 19 Pleasant  
 Jacoby, A. J., *1G.* Middleboro  
 Jaffray, P. M., *2S.* 9 Bow  
 JAGEMANN, H. C. G. von,  
     *Asst. Prof.* 113 Walker  
 JAGGAR, T. A., *Instr.* P. 60  
 James, E., *3L.* Winthrop 15

James, E. W., 1*C.* 12 Rutland  
 James, H., 3*C.* H'ke 40  
 James, H. C., 1*M.*  
     1 Kenilworth, Roxbury  
 JAMES, W., *Prof.* 95 Irving  
 Jameson, C. A., 1*Dn.* Wollaston  
 Jameson, H. W., 3*M.*  
     28 Eliot, Jamaica Plain  
 Jameson, I. L., 3*C.* S. 28  
 Janvier, F. de H., 2*L.* 14 Oxford  
 Jaquith, C. W., 1*C.* F. 8  
 Jastram, E. P., 3*L.* P. 3  
 Jay, A., 2*C.* Claverly 10  
 Jaynes, C. W., 1*S.* Read's 26  
 Jeffers, E., *grM.* 15 Upton\*  
 Jefferson, M. S. W., 1*G.* 59 Chestnut  
 Jefferson, W. G., 3*M.* Norwood  
 Jenkins, J. L. W., 1*C.* 61 Brattle  
 Jenkins, L. L., 2*Dn.*  
     110 Trenton, E. Boston  
 Jenkins, M. E., 1*L.* Prescott 8  
 Jenness, H. C., 3*C.* T. 18  
 Jennings, J. F., 1*C.* C. 43  
 Jewell, P., 3*C.* 26 Holyoke  
 Jewell, W. O., 4*C.* 2 Gorham  
 Johnson, A., 3*C.* 178 Marlboro\*  
 Johnson, D. D., 3*C.* W. 5  
 Johnson, E., 1*C.* W. 42  
 Johnson, E. St. J., 4*C.* H'y 5  
 Johnson, G. C., 1*S.* 79 Bellevue\*  
 Johnson, Herbert, 2*M.*  
     15 Boylston Pl.\*  
 Johnson, Horace, *sC.*  
     Cushman Ave., Revere  
 Johnson, H. A., 3*M.* 24 Cumberland\*  
 Johnson, H. P., 1*G.* 74 Oxford  
 Johnson, H. R., 2*C.* H'ke 35  
 Johnson, J. M., 2*C.* 10 Appian Way  
 JOHNSON, L. J., *Asst. Prof.*  
     100 Avon Hill  
 Johnson, R. C., *sS.* 17 Centre  
 Johnson, Reginald H., 3*L.*  
     Wadsworth 11  
 JOHNSON, Roswell H., *Asst.*  
     (also 2*S.*), 1727 Cambridge  
 Johnson, R. M., 4*C.* Hilton 3  
 Johnson, V. V., 3*C.* 81 Oxford  
 Johnson, W. S., 4*M.* 83 Pinckney\*  
 Johnston, C. H. L., 3*S.* 9 Bow  
 Johnston, F. W., 1*M.*  
     8 St. James Ave.\*  
 Johnston, H., 2*G.* 3 Sumner  
 Johnston, J. C. C., 2*C.* S. 22  
 Johnston, S. A., 2*S.* Ware 25

Johnston, W. D., 1*G.*  
     18 Mossland, Somerville  
 Jones, A. M., 1*L.* 285 Harvard  
 Jones, C. C., 4*C.*  
     12 Thurman, Everett  
 Jones, E. N., 3*L.* 52 Brattle  
 Jones, E. P., 1*C.* C't 34  
 Jones, F. J., 1*M.* 56 Amory  
 Jones, F. M., 2*S.*  
     27 Porter, Somerville  
 Jones, H. L., *sS.*  
     56 Hammond, Waltham  
 Jones, H. McK., 1*C.* Ware 10  
 Jones, H. W., 1*M.* 20 Lee  
 Jones, I. T., 4*S.* 10 Oxford  
 Jones, J. A., 3*C.* W. H. 15  
 JONES, John H., *Proctor* (also 3*L.*),  
     C. 5  
 Jones, Joseph H., 3*Dv.* D. 12  
 Jones, R. F., 3*C.* Concord  
 Jones, W., 2*C.* S. 26  
 Jordan, F., 4*C.* Apley 44  
 JORDAN, J. O., *Asst. M.*  
     994 Washington\*  
 Joslin, S. L., 2*M.*  
     321 Columbus Ave.\*  
 Jouett, F. R., 3*M.*  
     37 Chester, W. Somerville  
 Joyce, L. V., 1*S.*  
     28 Quincy, Somerville  
 Kagan, J. M., 2*G.* 14 Trowbridge  
 Kahn, H. C., 4*C.* 1671 Cambridge  
 Kahn, I., 2*C.* Trinity 9  
 Kahn, M., 4*M.* Harv. Med. Sch.\*  
 Kales, A. M., 2*L.* Craigie 107  
 Kane, J. A., 2*M.*  
     11 Polk, Charlestown  
 Kanthlener, H. F., 1*G.* 4 Carver  
 Kasson, B. Z., *sS.* 40 Kirkland  
 Kaufman, B., 2*C.* C't 31  
 Keate, W., 4*M.* 188 W. Brookline\*  
 Keene, C. H., 4*C.* W. H. 22  
 Keene, H. W., 1*C.* T. 26  
 Keene, P. M., 3*C.* T. 26  
 Keiley, J. W., 3*C.* Ware 49  
 Keith, A. P., *sC.* Ware 7  
 Keith, J. A. H., 1*C.* C. 50  
 Kelley, C. S., 1*C.* T. 46  
 Kelley, W. H., 1*M.* Dorchester  
 Kellogg, J. C., 1*S.* P. 75  
 Kelly, N. S., 4*C.* P. 6  
 Kendall, G. H., *sC.* 25 Holyoke  
 Kendall, H. F., 4*S.* 22 Garden

- Kendall, I. W., 1*C.* Craigie 103  
 Kendall, W. S., 3*C.* 24 Bowdoin  
 Kenealy, J. H., 2*M.* Natick  
 Kennard, W. W., 1*L.* Somerville  
 Kennedy, A. L., 1*M.* 248 Newbury\*  
 Kennedy, F. A., 1*G.* 27 Putnam Ave.  
 KENNEDY, F. L., *Proctor*,  
 (also 4*S.*) P. 27  
 Kennedy, H., 4*M.* 102 St. Botolph\*  
 Kennedy, R. L., 3*L.* 65 Hammond  
 Kennely, J. E., 2*V.* 50 Village\*  
 Kent, B., 1*M.* Harv. Med. Sch.\*  
 Kent, E. N., 1*Dn.* Charlestown  
 Kent, F. H., 1*Dr.* D. 31  
 Kent, J. D., 2*C.* D. 31  
 Kent, R. R., 2*C.* T. 45  
 Kenton, M. D., 3*C.* 49 Trowbridge  
 Kenyon, A. M., 1*G.* 15 Baldwin  
 Kernan, J. D., 2*C.* Hilton 15  
 Kerns, S. K., 1*G.* S. 8  
 Kerper, G. B., 3*C.* M. 51  
 Keyes, C. R., 1*G.* 7 Wendell  
 Keyes, H. F., 1*C.* 12 Oxford  
 Keyes, L. B., 3*C.* C. 18  
 Keyser, F. H., *sC.*  
 31 School, Charlestown  
 Kibby, W. J., *sC.* 65 Hammond  
 Kidder, F. P., 1*G.* 10 Remington  
 Kidder, H. H., 3*C.* 183 Brattle  
 Kidder, H. W., *sS.* 183 Brattle  
 Kidner, F. C., 2*C.* M. 19  
 KIERNAN, T. J., *Supt. of Circulation*  
*in Coll. Library*, 25 Trowbridge  
 Kilbourn, A. G., 3*C.* 23 Irving  
 Kilbreth, J. W., 4*C.* Claverly 32  
 Kimball, A. C., 1*S.* P. 39  
 Kimball, D., 1*L.* 91 Mass. Ave.  
 Kimball, G. C., 2*S.* H'ke 1  
 Kimball, H. H., 3*C.* P. 28  
 Kimball, W. O., 4*C.* T. 9  
 Kimberly, S. C., *sL.* Dunster 23  
 Kimbley, F. R., 1*L.* Winthrop 7  
 Kimmons, J. H., 4*C.* 49 Trowbridge  
 King, A. E., 1*G.*  
 107 Elm Hill Ave., Roxbury  
 King, C. A., 2*G.*  
 257 Beacon, Somerville  
 King, C. N., 4*C.* D. 7  
 King, E. D., 2*Dn.* C. 1  
 KING, E. S., *Asst. Obs.* 15 Walker  
 King, M. B., 2*M.* 50 Poplar\*  
 King, M. L., 4*M.* 14 Trowbridge  
 King, M. LeN., 2*G.* C. 1  
 King, Van R. C., 1*C.* 68 Mt. Auburn  
 King, W. L. M., 1*G.* 14 Sumner  
 Kingan, R. W. J., 1*C.* Claverly 1  
 Kingsbury, H. P. D., 2*C.* W. 3  
 Kingsbury, I. W., 1*G.* 19 Irving  
 Kingsford, H. N., *grM.*  
 Harv. Med. Sch.\*  
 Kinney, S. W., 2*G.* 14 Oxford  
 Kinnicutt, F. H., 1*L.* H'y 16  
 Kinnicutt, G. H., 4*C.* 9 Linden  
 Kinsler, J. C., 3*L.* 10 Appian Way  
 Kintner, A. H., 1*C.* 286 Huron Ave.  
 Kirmayer, F. H., *sC.* 62 Wendell  
 Kirtland, H. B., 1*C.* Winthrop 26  
 Kirwen, J. E., *sC.*  
 194 Winthrop, Medford  
 KITTREDGE, G. L., *Prof.* 9 Hilliard  
 Klein, E. S., 3*C.* C't 45  
 Knapp, B., 1*C.* 4 Batavia\*  
 KNAPP, P. C., *Instr. M.* 33 Marlboro\*  
 Kneeland, F. J., 1*C.*  
 29 Wyoming, Roxbury  
 Knickerbocker, P. G., 1*M.*  
 311 Huntington Ave.\*  
 KNIGHT, A. S., *Asst. M.* 295 Beacon\*  
 Knight, C. L., 1*M.* Harv. Med. Sch.\*  
 Knight, F. H., 1*M.* Malden  
 Knight, H. F., 2*L.*  
 90 Lyndhurst, Dorchester  
 Knight, H. G., 2*M.*  
 187 Ferry, Malden  
 Knight, J. H., 2*L.* 81 Oxford  
 Knowles, R. K. B., 1*M.*  
 55 Adams, Somerville  
 Knowlton, C. H., 2*C.* 1034 Mass. Ave.  
 Knowlton, J. G. W., 3*M.*  
 36 W. Cedar\*  
 Knox, J. L., 2*C.* W. H. 51  
 Koch, W., 4*S.* 45 Trowbridge  
 Kornhauser, S. J., 1*C.* C. 32  
 Kovacevich, F. J., *sL.* 54 Hammond  
 Kreppel, H. E., 2*B.*  
 15 Burr, Jamaica Plain  
 Krey, A. W., *sS.*  
 Kruse, C. F., *sS.* 2 Gorham  
 Kuhns, W. A., 2*V.* 34 Yeoman\*  
 Kullmer, C. J., 2*C.* C. 46  
 Kullmer, J. M., 2*C.* C. 46  
 Kurth, G. E., 1*M.* 350 Columbus Ave.\*  
 Kutscher, F. E., 2*C.* 421 Broadway  
 Kyes, K. S., 2*Dn.* Ipswich  
 Ladd, C. H., 1*S.* 57 Brattle  
 Ladd, M., 4*M.* 102 St. Botolph\*  
 La Farge, J., 1*C.* 16 Oxford

- La Forge, L., sC.** 11 Prentiss Pl.  
**Lakin, H. C., 3L.** 8 Holyoke  
**LAMBERT, E. T., Asst. (also 2G.),**  
 15 Remington  
**Lambert, W. D., 2C.** P. 42  
**LA MESLÉE, A. M., Instr.**  
 (also 2G.), Felton 29  
**Lambson, C. R., 3C.**  
 Ophir, Jamaica Plain  
**Lancaster, W. W., 2L.** W. H. 31  
**Landry, A. E., 1C.**  
 485 Third, So. Boston  
**Lane, A. K., 2M.** 37 St. Botolph\*  
**Lane, F. W., 1C.** P. 59  
**Lane, H. T., 1L.** Newton Centre  
**Lane, J. B., 4C.** Claverly 52  
**Lane, J. W., 3C.** G. 26  
**Lane, R. J., 1L.** 55 Hammond  
**Lane, W. A., 3M.** 20 St. Germain\*  
**LANE, W. C., Librarian.** 19 Oxford  
**LANGDELL, C. C., Prof. L.** 37 Quincy  
**LANMAN, C. R., Prof.** 9 Farrar  
**Lansdale, P. M., 1C.** 6 Everett  
**Lansing, J. E., 4C.** 1034 Mass. Ave.  
**Lapsley, A. B., 3C.** Little's 8  
**Latham, B. M., 3M.** 57 Warren Ave.\*  
**Latham, E. B., sS.** 139 Beacon\*  
**LATHROP, J. G., Instr.** 13 Avon  
**Latimer, J. G., 1L.** 18 Sumner  
**Laughlin, T. C., 3Dv.** D. H. 2  
**Laundrigan, J., 1C.**  
 445 Shawmut Ave.\*  
**Laverack, H. C., 3C.** 33 Bow  
**Laverack, W. H., 1C.** 37 Bow  
**Lawrence, F., 3C.** Ware 46  
**Lawrence, G. C., 1C.** P. 51  
**Lawrence, J., 1C.** Claverly 41  
**Lawrence, J. S., 1C.** Claverly 27  
**LAWRENCE, W., Overseer,**  
 101 Brattle  
**Lawrence, W. R., 1C.** 30 Holyoke  
**Lawton, H., 1C.**  
 224 Beacon, Lowell  
**Lawton, J. M., 2C.** 44 Brattle  
**Lay, H. H., 3C.** H'y 14  
**Lazarus, B., 3M.** 14 Holyoke\*  
**Leahy, F. A., 2M.**  
 216 High, Lowell  
**LEARNED, H. B., Asst. (also 2G.),**  
 Trinity 6  
**Leary, C. J., 1M.**  
 79 Charles, Waltham  
**Leatherbee, C. F., sS,** P. 81  
**Leavell, R. H., 1C.** S. 31  
**Leavitt, R. G., 1G.**  
 97 Elm, W. Somerville  
**Leavitt, W. M., 3C.** F. 1  
**Ledyard, H., 1L.** Winthrop 20  
**Ledyard, L. C., 2C.** Claverly 25  
**Lee, E. B., 2S.** W. H. 32  
**LEE, H., Overseer,** 40 State\*  
**Lee, J. H., 2C.** 395 Boylston\*  
**Lee, M. B., 3C.** Felton 26  
**Lee, Ralph E., sC.** C. 63  
**Lee, Robert E., 1C.** W. 47  
**Leen, M. E., 3C.**  
 19 Salem, Charlestown  
**Leen, T. F., 1M.**  
 19 Salem, Charlestown  
**Leeson, R. A., 3C.** Little's 28  
**Legg, A. T., 2M.** Chelsea  
**Lehman, A. C., 1C.** 379 Harvard  
**Lehman, F. H., 1C.** 58 Hammond  
**Leighton, C. B., 2Dn.** 6 Follen\*  
**Leighton, W. E., 3M.**  
 41 E. Concord\*  
**Leiter, H. L., 2C.** 96 Prescott  
**Leitner, C. C., 3C.** 1697 Cambridge  
**Lemann, W., 3C.** 42 Kirkland  
**Lentine, G. E., 1M.** 915 Boylston\*  
**Leonard, A. E., 3Dn.**  
 Warren Chambers\*  
**Leonard, A. M., 1M.**  
 36 Montgomery\*  
**LEONARD, H. F., Instr. V.**  
 297 Newbury\*  
**Lepper, D. B., 1M.** Harv. Med. Sch.\*  
**Leshner, W., 3C.** P. 31  
**Lester, J. A., 1G.** 20 Mellen  
**Letterle, J. M., 4C.** W. H. 14  
**Letton, H. W., 1L.** Winthrop 22  
**Lewers, C. R., 2L.** 49 Wendell  
**Lewin, F. S., sS.** Ware 5  
**Lewis, A. G., 1L.** 958 Mass. Ave.  
**Lewis, C. A. R., 1C.**  
 36 Highland Ave.  
**Lewis, E. D., 3G.** 353 Harvard  
**Lewis, F. P., 1C.** F. 6  
**Lewis, F. R., 2Dv.** D. 16  
**Lewis, F. T., 1M.** 36 Highland Ave.  
**Lewis, G. N., 1G.** 10 Appian Way  
**Lewis, J. H., 1L.** Winthrop 8  
**Lewis, S. W., 2C.** Craigie 402  
**Lewis, W. S., 3L.** 57 Brattle  
**Libby, A. A., 2Dn.** 687 Boylston\*  
**Libbey, J. H., 4S.** M. 59  
**Liebmann, C. J., 4C.** 20 Prescott  
**Lilliefors, M., 1G.** 18 Leonard Ave.

- Lincoln, A. W., 1*C.* Trinity 1  
 Lincoln, M., 2*M.* 76 Pinckney\*  
 LINCOLN, S., *Overseer*,  
 191 Commonwealth Ave.\*  
 LINDSAY, W. M., *Lect.* Felton 10  
 Linenthal, H., 2*C.* D. 25  
 Lippincott, W. M., 2*M.*  
 73 Appleton\*  
 Lipsky, H. A., 1*G.* 13 Mellen  
 Lissner, E., 3*C.* M. 28  
 Litchfield, E. H., 3*C.* Claverly 45  
 Littig, V. L., 3*L.* S. 23  
 Little, J. M., 1*M.* 317 Dartmouth\*  
 Little, T. W., 1*C.* Read's 28  
 Livermore, H., 1*C.* 78 Mt. Auburn  
 Livermore, R., 2*C.* 24 Holyoke  
 Lloyd, D. D., 3*C.* H'ke 49  
 Lloyd, H. D., 2*C.* H'ke 49  
 Lloyd, M. G., 1*G.* 49 Wendell  
 Lloyd, W. B., 4*C.* T. 27  
 Locke, C. W., 1*C.* 7 Francis Ave.  
 Locke, E. A., 1*M.* 466 Mass. Ave.\*  
 LOCKE, G. H., *Instr.* 22 Trowbridge  
 Locke, J. P., 2*S.*  
 34 Walnut, Waltham  
 Locke, J. R., 1*C.* 9 Linden  
 LOCKE, W. A., *Organist* and  
*Choir-Master*, 7 Francis Ave.  
 Lockwood, C. W., 3*S.* 94 Wendell  
 Lodge, J. E., 2*C.* Prescott 16  
 Logan, E. L., 1*L.* H'y 6  
 LOGAN, J. D., *Asst.* 36 So. Russell\*  
 Loines, R. H., 3*L.* 54 Garden  
 Long, P. W., 4*C.* G. 31  
 Long, R. P., 1*Dn.*  
 60 Webster, W. Newton  
 Lord, F. T., 2*M.* 391 Boylston\*  
 Lord, J. C., *sC.* 1746 Cambridge  
 Lord, J. W., 3*L.* Craigie 203  
 Loud, E. P., 1*C.* C. 55  
 Loud, J. A., 4*C.* W. 44  
 LORING, R. G., *Asst. M.* 259 Beacon\*  
 Loring, W. B., 2*V.* 60 Berkeley\*  
 Lorraine, L. L., 1*S.* 68 Mt. Auburn  
 LOTHROP, H. A., *Asst. M.*  
 10 Marlboro\*  
 Lothrop, T. K., 3*L.* 88 Brattle  
 Loud, E. P., 1*C.* C. 55  
 LOUGH, J. E., *Instr.* W. H. 52  
 Loughlin, E. F., 2*C.* Concord  
 Louisson, W. S., 3*Dn.* 88 Pinckney\*  
 LOVE, J. L., *Instr.* 27 Walker  
 Love, J. M., 1*C.* 58 Mt. Auburn  
 Loving, A., 4*C.* 7 Larch  
 LOVETT, R. W., *Asst. M.*  
 234 Marlboro\*  
 Lovejoy, A. O., 3*G.* 1689 Cambridge  
 Lovejoy, F. W., 1*C.* C. 65  
 Lovejoy, J., 3*C.* 5 Linden  
 Lowe, L. J., 3*V.* 37 Worcester\*  
 LOWELL, A. L., *Lectr.*  
 709 Exchange Bldg.\*  
 LOWELL, F. C., *Fellow*,  
 709 Exchange Bldg.\*  
 Lowell, F. L., 2*M.*  
 37 Everett Ave., Somerville  
 Lowell, W. H., 2*M.* 15 Blagden\*  
 Lowery, M., 2*C.* 5 Linden  
 Lucht, J., 3*C.* C. 22  
 LUND, F. B., *Asst. M.* 122 Marlboro\*  
 Lunt, H. F., 4*C.* T. 27  
 Luscomb, H. M., 2*S.* Dunster 31  
 Luquer, L., 3*C.* Hilton B  
 LYMAN, A. T., *Overseer*, 39 Beacon\*  
 LYMAN, C. P., *Prof. and Dean of*  
*Veterinary Sch.* 52 Village\*  
 LYMAN, G. R., *Asst.* (also 2*G.*),  
 49 Wendell  
 Lyman, H., 1*C.* Beck 32  
 LYMAN, T., *Asst.* (also 1*G.*),  
 Brookline  
 Lynch, W. H., 2*C.* H. 17  
 Lynde, F. M., 3*Dn.* 3 Concord Sq.\*  
 LYON, D. G., *Prof.* 15 Lowell  
 Lyon, W. H., 1*C.* C. 43  
 Lyons, J. H., 2*L.* 1686 Cambridge  
 McAdam, D. J., 1*G.* 10 Remington  
 McAdams, J. J., 1*C.*  
 100 Jenny Lind Ave., Somerville  
 McAdams, P. S., 3*M.*  
 100 Jenny Lind Ave., Somerville  
 McAllister, F. D., 4*M.*  
 31 Jackson, Lawrence  
 McAllister, R. W., 2*C.* C't 36  
 McAuslan, J. L., 4*M.*  
 364 Lincoln, Marlboro  
 McBain, W. H., 1*M.*  
 66 Franklin, Haverhill  
 MacBride, J. D., *sS.* 31 Bigelow  
 McBurney, H., 4*C.* 9 Linden  
 McCaffrey, C. F., 3*S.*  
 12 Fitchburg, Somerville  
 McCall, C. N., 3*C.* Felton 15  
 McCall, J. C., 3*C.* Ware 1  
 McCarthy, F., 3*M.* Malden  
 McCarthy, M. L., 1*C.* 12 Bow  
 McCauley, A. V. A. B., 2*C.* 7 Sumner

- McCausland, W. J., 2M.  
 Harv. Med. Sch.\*
- McCLINTOCK, W. E., *Instr.*  
 15 Court Sq.\*
- McCloskey, J. E., 2C. C't 18
- McCloskey, T. D., 2L.  
 38 Bow, Somerville
- McCOLLUM, J. H., *Instr. M.*  
 145 Mass. Ave.\*
- McConnell, G. M., 1C. C't 35
- McCook, P. J., 2L. 49 Wendell
- McCormick, T. J. H., 2M.  
 108 Highland, Roxbury
- McCormick, T. H., *grM.* Taunton
- McCornick, W. S., 2C. Dunster 34
- McCoy, G. M., *sS.* Trinity 12
- McCurdy, R. M., 2C. C't 15
- McDaniel, A. S., 4C. M. 59
- McDaniels, G. N., 3C. 44 Brattle
- McDermott, J. E., 3M.  
 6 St. Martin, Charlestown
- McDermott, M. F., 3Dn.  
 126 Charles\*
- MacDonald, C. A., 1C. H. 26
- Macdonald, J. N., 3Dn. 62 Pinckney\*
- McDonald, S. J., 1M.  
 70 Leicester, Brighton
- Macdonald, W. C., 3M. 40 Pinckney\*
- MacDonald, W. H. V., *sS.* C. 26
- McDonald, W. J., 3M.  
 116 Main, Charlestown
- McDuffie, C. H., 3C. Ware 52
- McELFRESH, W. E., *Asst.*  
 (also 5G.), Craigie 106
- McElligott, J. J. T., 1S.  
 4 Mason, Charlestown
- McEvoy, G. A., 4M.  
 432 Lowell, Lawrence
- McFadon, J. W., 1C. M. 54
- MacFarland, G. S., 2C. 42 Bowdoin
- McGawley, J. E., 2C. 65 Winthrop
- McGirr, F. F., 3M. 1522 Cambridge
- McGourty, E. T., 1Dn.  
 9 Oak Ave, Worcester
- McGrath, J. F., 2L. H'ke 14
- McGrath, W. H., 1S. 96 Prescott
- McGregor, LeR., *sL.* 10 Appian Way
- McGurk, W. J., 3C. 46 Mt. Auburn
- McHale, T. F., 2Dn.  
 130 Huntington Ave.\*
- Machen, A. W., 2L. Felton 36
- McHugh, J. F., 2M. Natick
- McInnis, W. M. *Asst. Bursar.*  
 Wadsworth
- McIntire, S. A., 1L.  
 1595 Mass. Ave.
- McIntyre, P. A., 1C. 16 Oxford
- McIntyre, W. G. S., 4C. G. 34
- Mack, J. P., 1C.  
 71 Harvard, Dorchester
- Mackay, E. H., 4M.  
 188 W. Brookline\*
- MacKay, R. M., 1C. 60 Mt. Auburn
- MacKaye, E. B., 2C. D. 35
- McKechnie, F. J., 2M.  
 385 Columbus Ave.\*
- McKenna, C. H., 3Dn.  
 135 Lauriat, Dorchester
- McKenty, J. T., *grM.* Waltham
- McKENZIE, A., *Secretary of*  
*Overseers,* 12 Garden
- McKibben, W. W., 2M.  
 466 Mass. Ave.\*
- Mackie, W. C., 4M. 675 Tremont\*
- Mackintosh, A. I., 1Dn.  
 12 Williams, Hyde Park
- McKittrick, R., 3C. Claverly 26
- MacKusick, A. R., 3C.  
 69 Concord Ave.
- MacLachlan, T. M., 2M.  
 40 Bigelow, Brighton
- McLanahan, G. X., 2L. Winthrop 6
- McLaren, A. L., 3M.  
 265 Princeton, E. Boston
- McLAUGHLIN, F. C., *Proctor*  
 (also 3L.), Read's 4
- McLaughlin, F. L., 1S. 48 Brattle
- McLean, G. S. R., 1S.  
 2218 Mass. Ave.
- Macleay, G. V., 1G. 63 Gorham
- McLean, J. C., *grM.* Box 2412\*
- Macleod, F. J., 2L. Craigie 406
- MacLeod, W. P., 2C. Craigie 406
- Macmahon, R. Q., 1M.  
 83 Westland Ave.\*
- McMann, W. H., 2M.  
 5 Linwood Sq., Roxbury\*
- McMEEKIN, R. J., *Asst. Demon-*  
*strator Dn.* Warren Chambers\*
- McMurtry, G. G., 2S. Beck 23
- McNamara, T. F., 2M.  
 So. Framingham
- McNary, C. H., 2S. 16 Oxford
- McNaught, R. H., 1S. Craigie 401
- McNeil, H. C., 1S. Ware 17
- McNeil, T. P., 3V.  
 291 Highland, Roxbury
- Macomber, H. P., 3C. T. 28

- McPherson, C. W., *1 Dn.*  
20 Garden, Medford
- McPherson, R., *4 C.* M. 46
- Macurdy, L. T., *3 C.*  
41 Fayette, Watertown
- MACVANE, S. M., *Prof.* 34 Kirkland
- McVey, J. R., *2 C.* H'y 6
- McWilliams, R., *1 L.* Winthrop 7
- Macy, J. A., *3 C.* 415 Putnam Ave.
- Maggs, A. B., *4 C.* 1680 Cambridge
- Magrath, G. B., *4 M.* Milton
- Maguire, T. H., *2 M.*  
432 Fourth, So. Boston
- Maher, W. T., *s C.* C't 21
- Mahon, E., *1 M.* Harv. Med. Sch.\*
- Mahoney, C. J., *4 M.* 164 W. Canton\*
- Mahoney, F. J., *1 L.* 1810 Mass. Ave.
- Mahoney, R. M., *2 C.* W. 33
- Mahony, F. R., *1 M.*  
Dolphin Ave., Winthrop
- Mallinckrodt, E., *2 C.* Claverly 38
- MALLORY, F. B., *Asst. Prof. M.*  
Harv. Med. Sch.\*
- Malone, E. S., *4 C.* 1134 Mass. Ave.
- Maloney, W. V., *2 M.* 25 Cliff\*
- Manahan, T. J., *3 M.* 14 Newbury\*
- Mandell, R. M., *1 C.*  
17 Washington, Newton
- Mangan, J. C., *1 C.* 10 Ashton Pl.
- Maniere, G., *2 S.* 1256 Mass. Ave.
- Manix, E. T., *4 M.* 30 Appleton
- Mann, C. C., *3 C.* M. 45
- Manning, C. F., *4 C.*  
398 Putnam Ave.
- Manning, F. W., *gr Dv.* D. 41
- MANNING, R. C., *Tutor,* 5 Felton
- Manning, R. L., *3 L.* H'y 7
- Mansfield, W. R., *1 M.*  
26 Cumberland\*
- Mansur, F. W., *1 L.* 20 Ware
- Marble, A., *3 C.* C't 20
- MARCOU, P. B., *Instr.* 42 Garden
- Marcy, F. C., *s C.* 467 Broadway
- Marcy, R., *1 L.* Belmont
- Marden, C. F., *3 C.* H. 1
- Marden, P. S., *3 L.* 5 Wendell
- Marean, H. E., *2 C.* 50 Winthrop
- Mariett, E. H., *1 G.* 371 Harvard
- MARK, E. L., *Prof.* 109 Irving
- MARK, K. L., *Asst. (also 4 C.),*  
109 Irving
- MARKS, L. S., *Instr.* C't 17
- Marlow, E. W., *2 L.* 76 Hammond
- Marple, L. E., *3 C.* C. 85
- MARSH, A. R., *Asst. Prof.*  
65 Langdon
- Marsh, R. McC., *3 C.* Little's 8
- Marshall, A. J., *4 C.* 67 Mt. Auburn
- Marshall, C., *1 C.* Ware 9
- Marshall, H. C., *4 G.* G. 29
- Marshall, J. F., *2 S.*  
43 Lexington Ave.
- Marshall, N. B., *2 L.* W. H. 23
- Marshall, S. T., *1 M.*  
195 Huntington Ave.\*
- Marsten, J. F., *1 G.* T. 39
- MARSTERS, V. F., *Proctor*  
(also *2 G.*) Felton 18
- Marston, E. J., *3 Dn.*  
304 Shawmut Ave.\*
- Marston, H. H., *1 Dn.* No. Andover
- Marston, J. N., *4 M.* Lowell
- Martell, G. A., *4 C.* 61 Oxford
- Martin, D. C., *1 Dn.*  
78 W. Rutland Sq.\*
- Martin, K. McG., *1 S.* Little's 15
- Martin, W. R., *s C.* H'ke 10
- Marvel, W. W., *1 Dn.*  
218 Columbus Ave.\*
- Marvin, E. R., *3 C.* Little's 3
- Marvin, G. D., *2 C.* W. 6
- Marvin, J. E., *s S.*  
86 Pleasant, Arlington
- Marvin, L. P., *4 C.* Apley 42
- Marx, J. L., *2 C.* 1671 Cambridge
- Mason, A. G., *1 S.* T. 4
- MASON, A. L., *Assoc. Prof. M.*  
265 Clarendon\*
- MASON, C. F., *Bursar,* Wadsworth
- Mason, D. G., *1 G.* D. 14
- Mason, H. C., *1 L.* W. H. 14
- Mason, H. W., *1 C.* H. 25
- Mason, M. P., *3 C.* Beck 42
- Mason, N. R., *1 M.* 4 Oxford Terrace\*
- Mason, P. D., *s S.* 51 Beacon\*
- Mason, R. L., *2 C.* T. 4
- Mason, W. N., *gr Dv.* 12 Kirkland Pl.
- Massa, R. F., *4 S.* 63 Gorham
- Masten, G. L., *3 C.* 56 Plympton
- MATHER, M. W., *Instr.*  
13 Mt. Auburn
- Mathews, J. L., *1 G.* C. 24
- Matteson, B., *3 C.* 27 Everett
- Matteson, D. M., *4 G.*  
1727 Cambridge
- Matteson, G. A., *2 M.* 41 St. Botolph\*
- Maulsby, D. L., *3 G.* Tufts College
- Maxwell, S. R., *s C.* P. 65

- May, W. R., 4M. 7 W. Cedar\*  
 MAYER, A. G., *Asst. M.Z.* Francis Ave.  
 Mayer, E., *sC.* 1653 Cambridge  
 Mayhew, O. N., *sS.* 98 Raymond  
 Mayhew, O. S., 1M. 47 Mt. Pleasant  
 Maynadier, G. H., 3G. 17 Plympton  
 Maynard, E., 4C. 5 Linden  
 Maynard, L. C., 3L. 3 Sumner  
 Maynard, R. F., 4C. H. 11  
 Mayo, H. R., 2C. P. 50  
 Meacham, W. B., 3C. 14 Story  
 Mead, C. A., 2L. 3 Sumner  
 Mead, G. W., 1C. Craigie 208  
 Mead, L. G., 2M. 11 Irvington\*  
 Meader, H. L., 3S. Quincy 5  
 Meadowcroft, W., *sS.* 128 Chestnut  
 Mee, J. H., 1L. C't 46  
 Mehlinger, A., 3C. 3 Woodville, Roxbury  
 Melcher, H. K., 2C. C. 41  
 Mellus, E., 4M. Pierce Farm, Mattapan  
 Mendelsohn, L., 1C. 183 Chambers\*  
 Mercure, G. T. J., *sS.* 1716 Cambridge  
 Meriam, W., 3C. T. 68  
 MERIGOLD, B. S., *Asst. (also 2G.)*, T. 67  
 Merrell, S. W., 3C. W. H. 2  
 Merriam, A. W., 1C. Prescott 5  
 Merriam, F. H., 4M. Harv. Med. Sch.\*  
 Merriam, J. E., 1L. 118 Chandler\*  
 Merrick, B. P., 3C. M. 1  
 Merrill, F., 3C. W. H. 39  
 Merrill, F. H., 1C. C. 26  
 Merrill, R., 3C. C. 4  
 Merrill, W. H., *grM.* Harv. Dent. Sch.\*  
 Mertins, P. S., 2M. 385 Columbus Ave.\*  
 Messenger, J. F., 1G. 109 Ellery  
 Metcalf, G. P., 4C. W. 20  
 Meyer, A. R., *sS.* 111 Hammond  
 MEYER, H. R., *Instr.* 1716 Cambridge  
 Michelson, A., 1S. P. 86  
 Michelson, T., 1C. H'ke 26  
 Miffin, G. H., 2C. Claverly 9  
 Millar, M., *sDv.* Hale House\*  
 Millard, E., 4C. Lerner 7  
 Millard, E. L., 1L. M. 23  
 Millard, H. E., 4C. 57 Wadsworth Ave., Waltham  
 Millard, J. S., *sS.* 22 Trowbridge  
 Millard, W. H., 3C. 57 Wadsworth Ave., Waltham  
 Miller, A., 2Dn. 57 Hancock\*  
 Miller, F. P., 2L. 431 Mass. Ave.\*  
 Miller, G. M., 1G. 14 Shepard  
 Miller, J. C., 1C. P. 47  
 Miller, J. R., 1C. P. 78  
 Miller, M. D., 1C. 148 Hancock  
 Miller, P. C., 2C. P. 65  
 Miller, P. L., 3C. P. 78  
 Miller, R. R., 2C. M. 7  
 MILLER, W. J., *Proctor*, Warland 3  
 (also 5G.)  
 Millett, F. S., 4C. P. 64  
 Milliken, C. A., 1C. T. 46  
 Millikin, L. C., 2L. P. 35  
 MILLS, B. F., *Stenographer*, U. 9  
 Mills, E. W., 1S. 26 Millmont, Roxbury  
 Mills, M., *sL.* Lawrence 4  
 Mills, N. C., *sS.* Malden  
 Mills, S. F., 1S. Craigie 504  
 Milne, G. P., 1C. 378 Harvard  
 Minard, A. E., 1C. 84 Erie, Dorchester  
 Minary, J. S., *sC.* 3 Sumner  
 Miner, W. C., 1Dn. 56 Mt. Pleasant Ave., Roxbury  
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 Mitchell, D. E., 2L. 1727 Cambridge  
 Mix, H. C., 1G. C. 68  
 MIXTER, C. W., *Asst.* 1671 Cambridge  
 MIXTER, S. J., *Asst. M.* 180 Marlboro\*  
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 Moline, C., 2S. H. 18  
 Mongeon, L. F., 3Dn. 88 Pinckney\*  
 Monk, W. E., 2L. Little's 5  
 Monks, G. H., *Asst. M.* and Dn. 267 Beacon\*  
 Monroe, G. N., *sL.* 1689 Cambridge  
 Monroe, A., 1L. W. 53  
 Montague, S. S., 5S. G. 46  
 Montague, W. P., 2G. 6 Gibson  
 Mooney, F. J., 2C. Hilton 22  
 MOORE, C. H., *Prof. and Director* of Fogg M. 19 Follen  
 Moore, C. K., 1G. 35 Walker  
 Moore, C. W., 1C. Ware 14



- Moore, D. M., 1L. 12 Howland  
 MOORE, G. T., *Asst.* 30½ Shepard  
 Moore, Henry B., 2S. Felton 22  
 Moore, Howard B., 2C. 58 Hammond  
 Moore, J. S., 4M. 627 Tremont\*  
 Moore, J. T., 1L. P. 33  
 Moore, P. H., 1S. Trinity 3  
 Moore, P. P., 3M. 75 Appleton\*  
 Moore, R. S., 1S. 24 Mellen  
 Moore, W. A., 1C. 1699 Cambridge  
 Moore, W. C., 1G. Salem  
 Mooring, S. W., 1M. 50 Appleton\*  
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 Morgan, J. A., 3M. 13 Williams Ave., Hyde Park  
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 Hubbard Pk.  
 MORIARTY, P. W., *Instr. Dn.*  
 367 Mass. Ave.\*  
 Morison, G. A., 2C. M. 30  
 Morison, H., 2C. W. H. 19  
 MORISON, R. S., *Librarian of*  
*Div. School.* 34 Shepard  
 Morrill, A. P., 1L. 49 Oxford  
 Morrill, C. H., 2C. S. 30  
 Morrill, F. N., 1L. Lawrence 29  
 Morrill, F. X., 2C. 1137 Mass. Ave.  
 Morrill, G. N., 1C. 27 Holyoke  
 Morrill, H. H., 1S. Dunster 43  
 Morris, C. H., 3C. G. 26  
 Morris, W. S., 1C. 30 Parker  
 Morrison, F. W., 2C. Trinity 10  
 Morrison, J. F., 2C. C. 10  
 Morrison, R. H., 3C. Felton 25  
 Morrow, W., 2C. S. 13  
 Morse, A. C., 5C. Read's 2  
 Morse, A. H., 1S. Walnut, Wellesley Hills  
 Morse, C. F., 2G. 198 Chestnut, Chelsea  
 Morse, E. P., 1C. T. 49  
 MORSE, E. W., *Instr. B.*  
 80 Wenham, Jamaica Plain  
 Morse, F. S., 1G. 31 Holyoke  
 Morse, G. S., 1C. 32 Myrtle, Melrose  
 Morse, G. T., 4C. Beck 22  
 Morse, H. H., 2C. 53 Wendell  
 Morse, H. R., 1L. P. 8  
 Morse, J. H., 1M. 24 Blagden\*  
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- Morse, T., 4C. Apley 41  
 Morse, W., 2C. 6 Story  
 Morse, W. G., 3C. G. 27  
 Mortland, W. G., 5S. P. 38  
 Morton, H. A., 4C. 55 Adams, Somerville  
 Morton, W. C., 5C. Craigie 404  
 Moser, A., 3M. 122 Chandler\*  
 Moses, H. W., 2S. W. 21  
 MOSES, W. V., *Instr.* 31 Mellen  
 Moss, W. W., 2L. 52 Irving  
 Moulton, J. B., 3S. Craigie 105  
 Moulton, L. B., 1G. 44 Mt. Auburn  
 MOWER, M., *Asst.* 54 Garden  
 Mowll, W. L., 2S. 124 Otis  
 Moxom, P. W. T., 1M. 83 Dartmouth Terrace, Springfield  
 Moyer, J. A., 3S. D. 5  
 Moynahan, T. V., 1S. 401 Norfolk  
 Mulberger, A., 1L. 381 Harvard  
 Mulherin, W. A., 1M. 134 Huntington Ave.\*  
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 Mullins, T. P., 2L. 413 Broadway  
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 MUNRO, J. C., *Instr. M.* 173 Beacon\*  
 Munro, W., 2L. Winthrop 3  
 Munson, S. L., 2C. H'ke 11  
 MÜNSTERBERG, H., *Prof.*  
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 Murdock, J. S., 2L. 52 Irving  
 Murphy, C. E., 3Dn. Tapleyville  
 Murphy, D. F., 1L. S. 7  
 Murphy, D. J., 1C. C. 30  
 Murphy, D. J. S., 3V. Hotel Essex  
 Murphy, F. T., 1M. 89 Charles\*  
 Murphy, S. N., 3M. Danversport  
 Murray, W. D., 3C. 16 Oxford  
 Musgrave, P., 4M. 24 Marlboro\*  
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 The Bartol\*  
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 Myers, E. E., 1M. 8 Linwood Sq., Roxbury

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 Myrick, A. B., *sC.* 467 Broadway  
 Nagle, W. J., 1*C.* 33 Carver\*  
 Nash, D. H., 1*L.* 118 Chandler\*  
 Nash, H. P., *sS.* 92 Hancock  
 Nason, O. C. B., *grM.* Reading  
 Nason, R. B., 1*S.* P. 43  
 Naumburg, G. W., 4*C.* Little's 4  
 Naylor, L. H., 1*Dn.* 92 Auckland, Dorchester  
 NAZTO, W. E. C., *sS.* W. 38  
 Neal, G. F., *sS.* W. H. 22  
 NEAL, J. F., *Proctor* (also 1*L.*), 28 Holyoke  
 Negus, S. P., *sC.* Ware 29  
 Neilson, W. A., 3*G.* 78 Oxford  
 Nelson, L., 2*C.* D. 25  
 Nesbitt, N. B., 2*Dn.* 76 Chandler\*  
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 Newhall, A. H., 4*C.* 50 Chestnut, E. Saugus  
 Newhall, G., 4*C.* S. 22  
 Newhall, H. F., 1*C.* T. 60  
 Newlin, W. B., 1*S.* 25 Ware  
 Newman, T. J., 1*L.* 8 Story  
 Newton, C. B., 1*G.* C. 70  
 Newton, E. R., 4*M.* 24 Warren Ave., Somerville  
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 Newton, F. B., 3*L.* 53 Wendell  
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 Nichols, C. T., 1*C.* 26 Loring, Somerville  
 Nichols, C. W., 1*C.* P. 55  
 NICHOLS, E. H., *Asst. M.* 94 Marlboro\*  
 Nichols, G., 2*C.* G. 42  
 Nichols, G. M. G., *sC.* W. H. 34  
 Nichols, H. T., 2*C.* Manter 6  
 Nichols, J. T. G., 3*C.* H'ke 38  
 Nichols, M. E., 2*C.* 14 Rutland  
 Nichols, M. T., 1*S.* Craigie 407  
 Nichols, N. G., 4*C.* M. 46  
 Nichols, P., 3*L.* W. H. 16  
 Nichols, W. S., *sDv.* D. 4  
 Nickerson, A. L., 1*C.* 60 Mt. Auburn

Nickerson, H. F., *sL.* 67 Oxford  
 Nickerson, T., 3*C.* W. H. 50  
 Nicoll, L. F., 1*C.* Warland 11  
 Nielsen, E. B., 3*M.* 35 Webster, W. Newton  
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 Nightingale, J., 3*M.* 20 Concord Sq.\*  
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 Nolen, Walter F., 1*M.* 31 Belmont, Brockton  
 Norris, W. B., 1*C.*, 122 Oxford  
 Norton, A. O., 1*G.* S. 1  
 Norton, C., 2*S.* H. 28  
 NORTON, C. E., *Prof.* Shady Hill, off Irving  
 Norton, C. W., 2*M.* 30 Gloucester\*  
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 Norton, H., 1*C.* Apley 34  
 Norton, J. W., *sC.* Apley 54  
 Nourse, B. F., 1*C.* H'ke 22  
 Nourse, F. R., 3*C.* 26 Holyoke  
 Nowell, J., 3*C.* H'ke 5  
 Noyes, G. H., 4*C.* 27 Mellen  
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 Nute, A. J., 2*S.* 8 Darling, Dorchester  
 Oakman, C. S., 2*C.* T. 34  
 Ober, R. B., 1*M.* 26 St. James Ave., W. Somerville  
 O'Brien, D. P., 2*V.* 36 Walnut, Chelsea  
 O'Brien, H. E., 2*C.* W. H. 49  
 O'Brien, L. O., 1*L.* W. H. 49  
 O'Brien, T. J., 3*M.* 11 Knapp, Somerville  
 O'Brien, W. J. L., 4*M.* 726 E. Third, So. Boston  
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 O'Callaghan, D. T., 1*M.* 26 High, Salem  
 O'Connell, J. C., 1*M.* 58 Richardson, Wakefield  
 O'Connor, T. H., *gr.M.* Harv. Med. Sch.\*  
 O'Day, G. F., 1*M.* 10 Vernon, Worcester

- Odde, J. A. L., 4*C.* 16 Lake  
 Odell, A. G., 2*C.* C. 27  
 Odiorne, W. B., 3*M.* 287 Harvard  
 O'Donnell, J. C., 1*M.* 91 Warren Ave.\*  
 O'Donnell, J. J., 1*C.* 129 Myrtle\*  
 Oglesby, J. D. G., 2*S.* Dunster 18  
 OGDEN, J. B., *Asst. M.* 497 Beacon\*  
 Ogden, J. M., 2*L.* 43 Irving  
 O'Gorman, J. A., 1*C.* 17 Hartford, Roxbury  
 Olds, R. E., 1*L.* D. 23  
 O'Leary, D. C., 2*M.* 155 Warren Ave\*  
 O'Leary, H. W., 1*C.* •  
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 Read's 24  
 Oliver, E. L., 2*C.* Shepherd 15  
 Oliver, M. W., 2*C.* H. 30  
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 Olmsted, J. M., *gr Dv.* Avon  
 Olney, G. H., 3*L.* Little's 5  
 O'Neil, R. F., *gr M.* Harv. Med. Sch.\*  
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 Osborne, F. W., 2*C.* H'ke 50  
 Osborne, G. R., *s C.* Elmwood Ave.  
 Osborne, R. W., 4*C.* C. 29  
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 OSGOOD, W. F., *Asst. Prof.* 14 Centre  
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 Otis, W. K., 4*C.* Craigie 406  
 Overholt, K. F., 1*L.* Winthrop 9  
 Owen, E. W., 2*C.* C. 11  
 Owen, W. R. D., 3*C.* Felton 21  
 Owens, T. B., 3*Dn.* 146 Camden\*  
 Packard, F. H., 1*M.* H. 18  
 Packard, S. T., 3*L.* Little's 5  
 Page, J. H., 2*S.* G. 6  
 Page, P., 3*M.* No. Danvers  
 Paige, J. E., 1*S.* Prescott 4  
 Paine, G. L., 2*G.* Lawrence 14  
 Paine, H. C., 3*C.* 25 Channing, Newton  
 PAINE, J. K., *Prof.* 23 Hawthorn  
 Paine, R., 4*C.* 32 Mellen  
 Paine, S., 1*G.*, Hilton 2  
 PAINTER, C. F., *Asst. M.* 416 Marlboro\*  
 PALACHE, C., *Instr.* P. 60  
 Palfrey, F. W., 4*C.* G. 22  
 Palfrey, J. G., 2*L.* 88 Beacon\*  
 Palmer, C. B., 1*C.* C't 12  
 Palmer, F., 2*C.* 11 Quincy  
 PALMER, G. H., *Prof.* 11 Quincy  
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 Palmer, P., 4*C.* Claverly 19  
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 Parish, C. O., 2*L.* P. 15  
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 Parker, A. H., 1*B.* 312 Dartmouth\*  
 PARKER, C. P., *Instr.* 60 Shepard  
 Parker, Edward G., 4*M.* 7 Auburn Pl., Auburndale  
 Parker, Edwin G., 2*L.* Dunster 16  
 Parker, E. S., 2*M.* 62 Clarendon\*  
 PARKER, G. H., *Instr.* 6 Avon Pl.  
 Parker, G. S., 2*S.* 5 Buckingham Pl.  
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 Parker, H. C., 1*M.* 322 Broadway  
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 Parker, W. A., 1*S.* P. 73  
 Parker, W. M., 3*Dn.* 86 Winchester, Medford  
 Parker, W. S., 3*S.* Ware 54  
 Parker, W. T., 1*L.* T. 14  
 PARKHURST, C. E., *Instr. Dn.* 79 Walnut, Somerville  
 Parkhurst, L. H., 4*C.* 45 Dana  
 Parmenter, F. S., 3*L.* 48 Irving  
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 Parsons, P. F., 4*C.* 18 Crescent, Somerville  
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 Patch, C. W., 2Dn. 86 Myrtle\*  
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 Patterson, G. L., 2L. D. 10  
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 Pease, T. N., 1C. 16 Mt. Vernon\*  
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 Peckham, J. J., 2C. 1256 Mass. Ave.  
 Peckham, T. P., 1C. H'ke 8  
 Peckham, W. T., 1L. 2 Holmes Pl.  
 Peevey, H. H., sL. 1686 Cambridge  
 PEIRCE, B. O., *Prof.* 51 Oxford  
 Peirce, G. A., 4M. 199 Roxbury, Roxbury  
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 Peirce, J. G., 1C. Ware 21  
 PEIRCE, J. M., *Prof. and Dean of Faculty of Arts and Sciences.* 4 Kirkland Pl.  
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 Perham, D., 1S. C. 9  
 Perkins, A. E., sC. 53 Church  
 Perkins, H. C., 3M. W. Newton  
 Perkins, H. E., 3L. Felton 28  
 Perkins, H. M., 1Dn. 150 Church, Newton  
 Perkins, J. F., 3C. 33 Bow  
 Perkins, J. H., 4C. 102 Mt. Auburn  
 Perkins, N., 4C. Ware 23  
 Perkins, R., 3C. Beck 35  
 Perry C., *grM.* W. Rutland, Vt.  
 Perry, D. T., 1L. P. 23  
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 Perry, M. T., 1V., Sudbury  
 Perry, W. I., 1C. 42 Kirkland  
 Persons, C. G., sC. 231 Norfolk  
 Peters, A. J., 3L. Jamaica Plain  
 Peters, C. A., 1C. 12 Fayette  
 Peters, J. A., 2G. 9 Francis Ave.  
 Peterson, S., 3C. G. 45  
 Petersson, T., 1C. 63 Oxford  
 Pettigrew, B. L., 1L. 92 Wendell  
 Pettingell, C. I., 1C. 1691 Cambridge  
 Pettus, E., sC. Ware 4  
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 Philipp, P. B., 2C. Little's 24  
 Phillips, E. F., 4C. T. 13  
 Phillips, H. A., 1G. 57 Brattle  
 Phillips, J. C., 3S. 28 Holyoke  
 Phillips, S. W., 3L. W. 26  
 Phillips, W., 2C. 33 Bow  
 Phillips, W. E., 3Dn. 37 Everett, Melrose  
 Phippen, W. G., 2C. Ct 37  
 Phipps, J. S., 2L. Winthrop 16  
 Pickhardt, E. W. S., 4C. 60 Brattle  
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 PICKERING, W. H., *Asst. Prof.* Observatory  
 Pierce, C. S., 1L. Craigie 505  
 Pierce, C. W., 3M. Ashland  
 Pierce, E. A., sS. 42 Kirkland  
 Pierce, F. D., 2Dn. W. Roxbury  
 Pierce, G. B., 4M. Milton  
 Pierce, G. W., 1G. D. 8  
 Pierce, M. E., 3L. 367 Harvard  
 Pierce, S. M., 4C. 43 Dana  
 Pierce, W., 3C. W. H. 48  
 Pignerone, W. G., sS. 1653 Cambridge  
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 Piper, J. W., *1C.* 18 Plympton  
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 Plumb, F. R., *3C.* Claverly 12  
 Poland, G. M., *3C.* T. 2  
 Poland, W. N., *1L.* C. 25  
 POLL, M., *Instr.* 52 Shepard  
 Pond, B. W., *1M.* 25 Concord Sq.\*  
 Pond, G. P., *grM.* Harv. Med. Sch.\*  
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 Poor, E. W., *2C.* W. 12  
 Poor, H. V., *1C.* Apley 31  
 Poore, C. P., *3C.* Felton 28  
 Pope, A., *1C.* 54 Garden  
 Pope, A. L., *sC.* 54 Garden  
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 Pope, H., *3L.* 54 Garden  
 Pope, R. E., *2C.* Ware 26  
 Popper, A. W., *sC.* W. 8  
 Porter, A. G., *sS.* 35 Bow  
 PORTER, C. A., *Instr. M.* 24 Marlboro\*  
 PORTER, C. B., *Prof. M.* 5 Arlington\*  
 Porter, R. B., *1M.* 1 Adams, Quincy  
 Porter, R. C., *3L.* 13 Mellen  
 Porter, W. F., *2C.* T. 59  
 Porter, W. H., *4C.* S. 25  
 PORTER, W. T. *Asst. Prof. M.* Cor. Forest Hill and Robeson.\*  
 Post, A., *Instr. M.* 16 Newbury\*  
 Postlethwaite, J. E., *1C.* Craigie 206  
 Pote, L. H., *3M.* 23 Howe, Somerville  
 Potter, A., *3L.* Hotel Berkeley\*  
 Potter, Alexander C., *3M.* 82 Commonwealth Ave.\*  
 POTTER, ALFRED C., *Asst. in Coll. Library.* Kennedy Ave.  
 Potter, G. M., *sC.* 1 Walker Terrace  
 Potter, M. A., *2G.* 18 Trowbridge  
 POTTER, W. H., *Lect. Dn.* 16 Arlington\*  
 Potts, J., *1L.* 10 Mellen  
 Powell, W. M., *3L.* 26 Holyoke  
 Power, J. E., *2Dn.* 130 Huntington Ave.\*  
 Powers, E. D., *4C.* M. 60  
 Powers, I. L. V., *1C.* 31 Train, Dorchester  
 Powers, T. W., *3L.* 367 Harvard  
 Prall, R. T., *sS.* 40 Kirkland  
 Pratt, F. H., *2M.* 227 Marlboro\*  
 Pratt, J. T., *1L.* Ware 28  
 Pratt, R. G., *1C.* Craigie 401  
 Pray, J. S., *4C. (also B),* 27 Everett  
 Prentiss, C. W., *1G.* 11 Francis Ave.  
 Prentiss, J. W., *4C.* Ware 41  
 Presby, G. W., *1S.* Linden, Waltham  
 Prescott, F., *sC.* W. H. 36  
 Prescott, H. D., *4C.* H'ke 28  
 PRESCOTT, H. L., *Instr.* Little's 7  
 Prescott, H. W., *3G.* 4 Aldie, Allston  
 Preston, C. E., *2C.* H. 25  
 Preston, H. A., *2G.* 49 Oxford  
 Preváux, J. J., *4M.* 85 Brookline  
 Price, W. C., *1L.* 3 Sumner  
 Pride, N. H., *sC.* 8 Irving Terrace  
 Priest, H. B., *1M.* H. 21  
 PRINCE, M., *Instr. M.* 458 Beacon\*  
 PRINGLE, C. G., *Botanical Col-lector,* Charlotte, Vt.  
 Pritchard, W. P., *3M.* Harv. Med. Sch.\*  
 Procter, J. O., *1C.* H'ke 39  
 Procter, J. R., *4S.* S. 27  
 PROCTOR, F. I., *Instr. V.* 259 Beacon\*  
 Proctor, T. E., *sS.* 273 Commonwealth Ave.\*  
 Prouty, C. N., *sC.* M. 8  
 Provandie, P. H., *4M.* Melrose Highlands  
 Pruyn, E. L., *2S.* Claverly 51  
 Pulitzer, R., *2C.* Dunster 42  
 Pultz, J. L., *1S.* 68 Mt. Auburn  
 Purington, F. H., *3S.* W. H. 32  
 Putnam, E. T., *1C.* 52 Brattle  
 PUTNAM, F. W., *Prof. and Curator of Peabody Mus.,* 1582 Mass. Ave.  
 Putnam, F. W., *1M.* 24 Soley, Charlestown  
 Putnam, G. T., *1C.* 52 Brattle  
 PUTNAM, J. J., *Prof. M.* 106 Marlboro\*  
 Putnam, R., *1M.* 150 Chestnut, Chelsea

- Quayle, G. H., *sS*. P. 67  
 Quinby, W. C., *3C*. Ware 33  
 QUINCY, H. P., *Instr. M.* Dedham  
 Quincy, W. G., *1C*. 25 Holyoke  
 Quinlan, J. F., *sL*.  
 52 High, Brookline
- Rainbolt, W. M., *2C*. T. 43  
 Ramachandrayya, P., *grM*.  
 56 Norway \*  
 S. 14
- Ramsay, R. E., *3C*.  
 Ramsey, F. W., *1M*.  
 45 Bainbridge, Roxbury
- RAND, B., *Instr.* 24 Quincy  
 Rand, H. W., *2G*. 96 Prescott  
 Rand, W. H., *4C*. 12 Mt. Auburn  
 Randall, M. W., *1C*. C. 67  
 Randall, P. G., *3C*. M. 47  
 Randall, S. L. D., *1Dn*.  
 54 Elmo, Dorchester  
 30 Irving
- Rankin, E. M., *1G*.  
 Ransmeier, J. C., *1G*.  
 1 Walker Terrace  
 P. 68
- Ransohoff, J. L., *1C*.  
 Ratcliffe, C., *2L*. 1686 Cambridge  
 Ratshesky, M. A., *1C*. Quincy 8  
 RAWLE, F., *Oreerseer*,  
 328 Chestnut, Philadelphia, Pa.  
 Rawle, F., *sS*. M. 21  
 Rawson, C. T., *2L*. 118 Myrtle \*  
 Rawson, H., *1C*. Ware 18  
 Ray, F. N., *3Dn*. Bradford  
 Ray, R. B., *3M*. Harv. Med. Sch.\*  
 Raymond, C. M., *1M*.  
 124 Walnut, Somerville
- Raymond, R. L., *3L*.  
 1087 Beacon, Brookline
- Raymond, W. L., *3C*. W. 18  
 Raynolds, J. M., *2C*. H'ke 35  
 Rea, E. M., *3L*. 367 Harvard  
 Reagh, A. L., *3M*.  
 39 Maple, W. Roxbury
- Reber, C. E., *1G*. 1734 Cambridge  
 Redpath, L. W., *4C*. W. H. 51  
 Reed, A. Z., *1G*. Wadsworth 5  
 Reed, F. N., *1S*. 1707 Cambridge  
 Reed, G. H., *3C*. H'ke 42  
 Reed, H. A., *2Dn*.  
 374 Columbus Ave.\*
- Reed, L. B., *1C*. 1208 Mass. Ave.  
 Reed, M., *2C*. 12 Gloucester \*  
 Reed, R. L., *2C*. C. 66  
 Reed, T. H., *1C*. P. 55  
 Reed, W. E., *1M*. Saxonville
- Reed, W. H., *4C*.  
 81 Walnut, Ave., Roxbury
- REED, W. M., *Asst. (also sC.)*,  
 P. 27
- Reese, W. W., *4C*. Lawrence 27  
 Regan, J. J., *1C*. 174 Spring  
 Reid, W. D., *grDr.* 972 Mass. Ave.  
 Reid, W. T., *1C*. G. 10  
 Reilly, J. A., *3M*.  
 10 Washburn, So. Boston
- Reitzell, W. R., *sL*. 43 Irving  
 Remick, E. W., *3C*. 1270 Mass. Ave.  
 Remington, S. P., *3G*. Winthrop 27  
 REUSCH, H., *Prof.* 45 Brewster  
 Reynolds, A. W., *4C*. 126 Green  
 REYNOLDS, E., *Instr. M.*  
 130 Marlboro \*
- Reynolds, G. E., *2L*.  
 23 Pleasant Ave., Somerville
- Reynolds, H. A., *grM*.  
 Harv. Med. Sch.\*
- Reynolds, H. H., *1G*. 362 Harvard  
 Reynolds, W. H., *1C*. H'ke 8
- Rhodes, J. M., *2G*. 15 Avon  
 Rice, A. H., *4C*. 30 Holyoke  
 Rice, A. N., *1C*. 31 Holyoke  
 Rice, A. W., *sS*. Claverly 34  
 Rice, G. S., *Instr.* 95 Milk \*  
 Rice, J. C., *4C*. 30 Holyoke  
 Rice, J. W., *grDr.* D. 13  
 Rice, W. H., *grM*.  
 Harv. Med. Sch.\*
- Rich, E. W., *2M*. Walnut Hill  
 Rich, W. S., *4S*. D. 22  
 Richan, J. A., *3Dn*.  
 34 Saratoga, E. Boston
- Richards, A. L., *2C*. 22 Bigelow  
 Richards, F. H., *3L*. 129 Newbury \*  
 Richards, G. L., *sS*. Felton 19  
 Richards, H. H., *4C*. T. 5  
 RICHARDS, H. M., *Instr.* Dunster 21  
 Richards, J. A., *2C*. C. 8  
 Richards, O. F., *2S*. Claverly 39  
 RICHARDS, T. W., *Asst. Prof.*  
 44 Shepard
- Richardson, D. A., *2G*. 14 Craigie  
 Richardson, Francis A., *1G*. 17 Ware  
 Richardson, Frederick A., *3G*.  
 128 Brattle
- Richardson, F. L. W., *3C*.  
 78 Mt. Auburn
- RICHARDSON, M. H., *Asst. Prof., M.*  
 224 Beacon \*  
 Richardson, O. W., *3C*. H'ke 16

- RICHARDSON, W. L., *Prof. M.*  
and *Dean. Med. Faculty,*  
225 Commonwealth Ave.\*
- Richmond, F. M., 1*M.*  
63 School, Everett
- Richmond, G. D., 2*Dn.*  
45 Bowers, W. Medford
- Richmond, H. M., 1*C.*  
1683 Cambridge
- Rickard, J. H., 2*L.* 1699 Cambridge
- Riddell, H., *sC.*  
Roanoke Ave., Jamaica Plain
- Rideout, H. L., 4*M.*  
15 Rockville Pk., Roxbury
- Rideout, H. M., 3*C.* G. 20
- Riemann, P. E., 2*S.* C. 27
- Riggs, A. F., 4*C.* Ware 44
- Riley, W. N., 2*M.*  
11 Wentworth, Malden
- Ring, A. H., *grM.* Harv. Med. Sch.\*
- Ring, H. C., 4*S.* M. 36
- Robbins, C., 3*C.* W. H. 17
- Robbins, H. C., *sS.* 61 Gorham
- Robbins, R. L., 1*L.* H. 31
- Robbins, T. H., 3*C.* W. H. 17
- Robbins, W. B., 3*C.* W. H. 17
- Roberts, H. H., 4*C.* M. 25
- Roberts, S. E., 2*C.* 9 Vincent
- Roberts, W. F., 4*C.*  
42 Quincy, Roxbury
- Roberts, W. W., 1*L.* F. 3
- ROBERTSON, C. T., *Asst.* (also 4*C.*),  
P. 21
- Robertson, F. McN., 1*M.*  
So. Framingham
- Robinson, A. W., 1*S.* 27 Holyoke
- ROBINSON, B. L., *Curator of the*  
*Herbarium,* 42 Shepard
- Robinson, B. R., 4*C.* Little's 14
- Robinson, C. B., 2*Dn.*  
374 Columbus Ave.\*
- Robinson, D. L., 3*C.* C't 45
- Robinson, F. D., 3*S.* 9 DeWolfe
- ROBINSON, F. N., *Instr.* G. 24
- Robinson, G. A., 2*S.*  
6 Louisburg Sq.\*
- Robinson, G. W., 1*G.* 12 Walker
- Robinson, H. F., 4*C.* Little's 14
- Robinson, H. G., 2*C.* M. 20
- Robinson, H. P., 1*M.* 30 Mt. Auburn
- Robinson, J. K., 1*S.* 27 Holyoke
- Robinson, J. W., 3*V.* Natick
- Robinson, L. S. B., 1*M.*  
26 Trowbridge
- Robinson, M., 4*C.* Read's 80
- Robinson, N., 2*C.* Claverly 36
- Robinson, P. O., 2*S.* P. 36
- Robinson, Samuel, 4*C.* H'y 10
- Robinson, Sanford, 1*L.* D. H. 1
- Robinson, T. H., 3*L.* 1680 Cambridge
- Robinson, T. R., 1*S.* 14 Oxford
- ROBINSON, W., *Instr.* Hubbard Pk.
- Roché, E. C., 1*G.* 111 Hammond
- Roche, J. T., 2*S.* Craigie 205
- Rochette, J. E., 1*Dn.* 6 Trowbridge
- Rock, A. M., 2*C.* Claverly 12
- Rockwell, A. J., 2*S.* Claverly 3
- Rockwell, S. F., 2*C.* T. 16
- Roever, W. H., 1*G.* 45 Trowbridge
- Rogan, E. J., 2*B.* 26 Clarendon\*
- Rogers, A. V., 1*Dn.*  
5 Stevens, Winchester
- Rogers, D. E., 2*M.*  
26 Blossom, Chelsea
- Rogers, L. W., 1*G.*  
52 Moreland, Roxbury
- Rogers, R. W., 1*C.* Ware 45
- Rogers, W. B., 1*L.*  
169 Commonwealth Ave.\*
- Rogers, W. C., 2*L.*  
21 Linwood, Roxbury
- Rogers, W. J., 3*Dn.*  
6 Robinwood Ave., Jamaica Plain
- Rollins, C. P., *sC.* 1691 Cambridge
- Rollins, W. A., 1*L.* 1683 Cambridge
- Roloson, R. M., 1*S.* Dunster 40
- Rood, L. C., 2*M.*  
176 Lexington, E. Boston
- Rooney, P. D., 4*C.* 1132 Mass. Ave.
- ROOSEVELT, T., *Overseer,*  
Oyster Bay, N. Y.
- Root, G. F., *sC.* W. H. 57
- Root, J. E., 1*C.* 6 Clifton, Somerville
- Roovers, E. W., 3*C.* W. 27
- Roper, W. C., 3*C.* S. 6
- ROPES, J. H., *Instr. Dv.*  
34½ Shepard
- Rorer, J. B., 3*C.* G. 48
- Rose, A., 4*M.* 149 Warren, Roxbury
- ROSE, P. LA., *Instr.* Apley 1
- Rose, W. H., 4*M.* 188 W. Brookline\*
- Rosenthal, S. B., 4*C.* T. 22
- Rosenwasser, H. B., *sC.* 19 Irving
- Ross, C. G., 2*Dn.* Linden
- Ross, J. McC., 1*S.* W. 50
- Ross, L. H., 4*M.* 188 W. Brookline\*
- Ross, R. E., 2*L.* Winthrop 24
- Ross, W., *sS.* Felton 14

**ROTCHE, A. L., Asst.**  
 Blue Hill Observatory, Readville  
**Rotch, C. M., 1C.** 5 Linden  
**Rotch, T. M., 1C.** 25 Holyoke  
**ROTCHE, T. M., Prof. M.**  
 197 Commonwealth Ave.\*  
**Rotch, W., 1S.** P. 30  
**Rothenberg, H. L., 2C.** 379 Harvard  
**Rothschild, M. R., 1S.** Quincy 4  
**Roughan, R., 1S.** M. 35  
**Rounds, A. W., 4M.**  
 155 Warren Ave.\*  
**Rousmaniere, J. E., 3C.** M. 14  
**Rowe, W. M., 2Dn.**  
 Harv. Dent. Sch.\*  
**Royce, C., 2C.** 103 Irving  
**ROYCE, J., Prof.** 103 Irving  
**Rubenstein, E., 1C.** 39 Ellery  
**Rubenstein, P., sL.** 39 Ellery  
**Ruby, E. H., 1C.** 14 Mellen  
**Rudd, M. D., sC.**  
 86 Pleasant, Arlington  
**Ruess, C. G., 1C.** 19 Sacramento  
**Ruggles, C. A., 3C.** Ct 38  
**Ruhl, A. B., 3C.** M. 34  
**Ruland, N. McL., 2S.** P. 16  
**Rumery, R. R., 2S.** 43 Langdon  
**Rumsey, W. L., 1L.** G. 14  
**Runnells, C., sC.** 48 Brattle  
**Rush, W. W., sC.** 66 Winthrop  
**Rushmore, W. J., 2G.** 86 Hammond  
**Russell, G. B., 1L.** 1734 Cambridge  
**RUSSELL, F., Instr. (also 3G.)**  
 25 Ware  
**Russell, F. A., 3C.** H'ke 5  
**Russell, J. S., 3L.** 367 Harvard  
**Russell, R. S., 1C.** Beck 5  
**Rust, N. J., 1S.** T. 19  
**Rust, P. D., 4C.** Claverly 29  
**Ryan, C. P., 1L.** 67 Oxford  
**Ryan, E., sC.** Felton 27  
**Ryan, G. B., 1C.** 14 Lambert\*  
**Ryan, J. W., 1Dn.** 64 Plympton  
**Ryan, M. H., 3S.** Felton 24  
**Ryder, G. H., 3M.** Harv. Med. Sch.\*

**SABINE, W. C., Asst. Prof.**  
 40 Shepard

**Sachs, A., 1C.** Ct. 40  
**Sachs, E., 2C.** P. 37  
**Sachs, P. J., 2C.** Ct 40  
**Sadtler, H. A., sC.** 96 Ellery

**SAFFORD, F. H., Instr.**  
 22 Sacramento Pl.

**Safford, H. E., 1G.** H. 20  
**Sage, D., 1L.** W. H. 29  
**St. John, R. P., 1G.**  
 Y. M. C. A. Building  
**Sakai, B. T., grDv.** Lawrence 18  
**Saltonstall, J. L., 2C.** Claverly 53  
**Samppson, I., 2C.** Claverly 24  
**Samson, E. J., 1C.** T. 33  
**Sanborn, C. B., 2L.** 24 Farwell Pl.  
**Sanborn, E. E., 2C.** Ware 51  
**Sanborn, E. L., 4C.** H'ke 6  
**Sanborn, F. B., 1G.** 17 Sacramento  
**Sanborn, F. G., 2M.**

United States Hotel\*  
**Sanborn, G. P., 1M.**

57 School, Brookline  
**Sanborn, H. N., 1C.** 2 Ellsworth Pk.  
**Sanborn, J. F., 3S.** 120 Hancock  
**Sanborn, J. P., 2C.** 391 Harvard  
**Sanborn, R. A., sS.** W. 25  
**Sand, H. A. L., 3L.** W. 37  
**Sanders, N. E., 1M.** Y. M. C. A.\*  
**Sanderson, E. J., 2C.** 56 Plympton  
**Sands, J., 1C.** Craigue 438  
**Sands, P., 1C.** 68 Mt. Auburn  
**Sanford, H. L., 2M.** 37 St. Botolph\*  
**Sanford, H. W., 2C.** 61 Brattle  
**SANTAYANA, G., Instr.**

75 Monmouth, Brookline  
**Sargeant, C., 2C.** 391 Harvard  
**Sargeant, E. E., sC.** 17 Dunster  
**Sargent, A. R., 2C.** Claverly 47  
**SARGENT, C. S., Prof.**

Jamaica Plain  
**SARGENT, D. A., Director of Hem-**  
**enway Gymnasium,** 27 Everett  
**Sargent, G. M., 3C.** H'y 18  
**Sargent, J., 2L.** H'y 18  
**Sargent, H. H., 1C.** D. A  
**Sargent, I. W., 2C.**

1270 Mass. Ave.  
**Sargent, P. E., 2G.** M. 49  
**Saunders, J. H., 3M.** 15 Blagden\*  
**Saunderson, H. H., 4C.** S. 5.  
**Savage, C. W., 2G.** 6 Shepard  
**Savage, M. S., 2C.** 35½ Brattle  
**Sawin, G. A., 1S.** 73 Brattle  
**Sawyer, E. K., 3M.**

32 Main, Somerville  
**SAWYER, H. E., Lectr.** 17 Broad\*  
**Sawyer, P. B., 4C.** T. 12  
**Sawyer, W. M., 3L.** 49 Oxford  
**Sayles, R. W., 1C.** P. 45  
**Sayre, A. M., sC.** W. H. 18



- Sayre, H., 3*C.* Little's 26  
 Sayward, W. H., 3*M.*  
     69 Monadnock, Dorchester  
 Scaife, R. L., 1*L.* 380 Marlboro\*  
 Scammell, J. K., 4*S.* C't 30  
 Scannell, D. D., 2*M.*  
     70 Peter Parley, Jamaica Plain  
 Schaefer, R. M., 2*C.* 30 Mt. Auburn  
 Schaffner, A. B., 3*L.* 42 Kirkland  
 Schallenberg, E. B., 1*M.*  
     15 Charles, Dorchester  
 SCHAPER, A. L. T., *Demonstr. M.*  
     801 Centre, Jamaica Plain  
 Schleiter, H. G., 1*C.* 12 Oxford  
 Schlesinger, B. E., 3*C.* 26 Holyoke  
 Schlesinger, E., 1*C.* C't 47  
 Schmidt, F. S., 3*M.* Roxbury  
 SCHOFIELD, W. H., *Instr.* H'ke 7  
 Schuyler, G. H., 1*L.* 18 Sumner  
 Schwill, B. W., 2*C.* 1750 Cambridge  
 Scott, A., 1*L.* H'y 9  
 Scott, D., 2*C.* Quincy 9  
 Scott, G. D., 2*M.* Trinity Court\*  
 Scott, H. D., 4*C.* Claverly 35  
 Scott, H. R., 1*L.* P. 49  
 Scott, J. W., 1*C.* 12 Rutland  
 Scott, W. A., 1*L.* 1683 Cambridge  
 SCUDDER, C. L., *Asst. M.* 189 Beacon\*  
 Scudder, W. M., 3*C.* H'y 3  
 Scull, G. H., 4*C.* H'y 2  
 SEAMAN, C. E., *Asst.* (also 3*G.*),  
     Shepherd 2  
 SEARLE, A., *Prof.* 41 Concord Ave.  
 SEARS, E. H., 3*C.* W. H. 35  
 SEARS, F. R., 1*C.* Dunster 26  
 SEARS, G. G., *Instr. M.* 19 Marlboro\*  
 SEARS, J. M., 1*C.* Beck 31  
 SEARS, L. P., 1*L.* 16 Avon  
 SEARS, S. T., 3*L.* C. 52  
 Seasongood, E. A., 3*C.* M. 17  
 Seasongood, M., 2*C.* M. 17  
 SEAVER, E. P., *Overseer*, Waban  
 Seaver, H. L., 2*C.*  
     43 Tremlett, Dorchester  
 Seaver, O. S., 4*C.* W. 1  
 Seaver, W. N., 2*C.* 39 Dana  
 Seeligson, G., 1*C.* 381 Harvard  
 Seelye, W. C., 3*M.* 16 Berwick Pk.\*  
 Sessler, D., 3*C.* 1671 Cambridge  
 Sewer, J. W., 1*M.* 12 Friebie Pl.  
 Sewell, W. G., 1*L.* Craigie 107  
 SEYMOUR, A. B., *Asst.* U. M.  
 Seymour, R. W., 3*C.* 25 Holyoke  
 Seymour, W. I., 3*L.* 42 Kirkland  
 Shackford, S. B., 3*L.* 51 Wendell  
 SHALER, N. S., *Prof. and Dean*  
     of the Scientific Sch. 25 Quincy  
 Shannon, J. F., 3*S.*  
     2773 Washington\*  
 Shannon, J. H., 1*M.* 71 Hammond  
 Shapleigh, R. W., 1*S.*  
     24 Newtonville Ave., Newton  
 Sharkey, J. E., 3*C.* 259 Elm  
 Shartenberg, H. M., 2*C.* Craigie 105  
 SHATTUCK, F. C., *Prof. M.*  
     135 Marlboro\*  
 SHATTUCK, G. B., *Overseer*,  
     183 Beacon\*  
 Shattuck, G. C., 1*C.* Craigie 506  
 Shattuck, H. L., 1*C.* Shepherd 5  
 Shaughnessy, C. S., 2*S.* 14 Rutland  
 Shaw, A. J., *gr. M.* Harv. Med. Sch.\*  
 Shaw, C. Fletcher, 1*C.* W. H. 56  
 Shaw, C. Franklin, 3*C.* S. 13  
 Shaw, E. P., 4*C.*  
     421 High, W. Medford  
 Shaw, F., 3*M.* New Bedford  
 Shaw, F. K., 2*M.* Roxbury  
 Shaw, H. B., 1*L.* Winthrop 10  
 Shaw, H. C., 1*C.* 17 Forest  
 Shaw, H. H., 3*C.* Little's 3  
 Shaw, J. E. N., 4*C.* H'y 21  
 Shaw, R. G., 3*C.* 31 Bow  
 Shaw, S. C., 3*L.*  
     48 Allerton, Brookline  
 Shaw, M. G., 1*C.* Claverly 48  
 Shaw, S. P., 2*C.* 8 Prescott  
 Shaw, T. M., 2*C.* Little's 13  
 Shaw, W. L., 2*C.* P. 38  
 Shay, L. B., 2*C.* T. 47  
 Shea, D. J. J., 3*L.* H. 4  
 Shead, E. W., 1*M.* Craigie 101  
 Sheafe, C. M., 4*C.* S. 8  
 Shedd, W. H., 2*L.* M. 58  
 Sheehan, J. L., 3*C.* Brewer's 2  
 SHEFFIELD, A. D., *Asst.* 25 Holyoke  
 Sheffield, J. P., 3*L.* P. 3  
 SHELDON, A. J., *Instr. V.* 52 Village\*  
 Sheldon, A. N., 2*S.* 43 Irving  
 Sheldon, W. H., 3*G.* 538 Mass. Ave.\*  
 Shepard, L. D., 2*M.*  
     2 Marguerite Terrace, Brookline  
 Shepherd, L. H., 3*L.* 49 Trowbridge  
 Sherburne, A. E., 1*M.*  
     80 Dudley, Roxbury  
 Sherburne, J. H., 3*C.* M. 11  
 Sherburne, K., 2*C.* Shepherd 17  
 Sherman, E. A., 1*C.* C't 4

- Sherman, R. S., 1C. 45 Trowbridge  
 Sherman, W. A., 3C. C't 4  
 Sherrard, T. H., 1G. 20 Mellen  
 Shertzer, T. B., 2S. 32 Mellen  
 Sherwin, R. W., 2S. Shepherd 16  
 Shields, A. B., 1G. 128 K, So. Boston  
 Shippee, C. C., 1C. W. 28  
 Shore, H. E., 2S. M. 58  
 Shorey, G. N., 1C. T. 60  
 Shortlidge, J. C., 4C. 10 Oxford  
 Shurtleff, F., 1C. 75 Putnam, E. Boston  
 Shute, F., 1C. Waverly  
 Sibley, I. A., 1C. M. 10  
 Siears, F. B., 3Dn. 80 Myrtle\*  
 Silberberg, W., 3C. M. 15  
 Silbert, J., 3M. 8 Eaton\*  
 Silva, F. R., 1M. 46 Falmouth  
 Silver, D., 3M. 16 Berwick Pk.\*  
 Silver, R. S., 1C. C't 11  
 Silverman, A., 2L. H'ke 41  
 Simmons, C. C., 3M. 90 Pinckney\*  
 Simmons, H. H., 1Dn. 833 Broadway, Chelsea  
 Simmons, R. W., 1C. 8 Roseland  
 Simmons, S. E., 3M. 244 Newbury\*  
 Simonds, A. T., 3C. Craigie 404  
 Simonds, F., 2C. C't 43  
 Simpson, W. H., 3V. 19 Faulkner, Dorchester  
 Simpson, W. S., 3C. Craigie 207  
 Singer, S. K., 1S. Dunster 45  
 Sisc, L. F., 1M. 9 Highland Ave., Medford  
 Skeels, L. C., 1L. 12 Howland  
 SKILLEN, J., *Janitor, Med. School,*  
 Harv. Med. Sch.\*  
 Skillings, W. E., 2C. W. H. 24  
 SKINNER, P. O., *Instr. (also 2G.),*  
 C. 56  
 SLACK, F. M., *Libr. M. Z.* 10 Wendell  
 Slade, C. P., 4C. W. 24  
 Slattery, F. E., 2L. 520 Broadway, So. Boston  
 Slattery, F. J., 1C. 1623 Tremont\*  
 Sleeper, F. W., 1M. Harv. Med. Sch.\*  
 Slocum, C. L., 3S. 82 Mellen  
 Slocum, C. M., 1Dv. D. 28  
 Small, A. E., 2M. 90 W. Emerson, Melrose  
 Small, C. R., 1C. 92 Wendell  
 Small, H. C., 1C. C. 39  
 Small, H. P., 2L. 131 Glen, Somerville  
 Small, R. D., 4M. 1074 Boylston\*  
 Smart, J. H., 3L. 48 Irving  
 Smerdon, C. J., 3C. 1727 Cambridge  
 Smith, A. J., 3C. Craigie 108  
 Smith, A. P., sL. W. 40  
 Smith, A. R., 2S. P. 74  
 Smith, A. W., 1M. Newton Centre  
 Smith, C. N., 1M. Newton  
 Smith, C. T., 1C. C. 60  
 Smith, E. B., 1G. 209 Columbia  
 SMITH, E. H., *Prof. and Dean of*  
*Dental Faculty,* 283 Dartmouth\*  
 Smith, E. H., 2C. T. 32  
 Smith, F. C., 2C. Felton 23  
 Smith, F. E., sC. Dunster 46  
 Smith, F. H., 2L. W. H. 1  
 Smith, F. K., 3C. 1256 Mass. Ave.  
 Smith, F. P., 4C. H. 2  
 Smith, G. O., 2C. 1256 Mass. Ave.  
 Smith, G. W., 1C. C. 7  
 Smith, H. B., 2C. W. H. 59  
 Smith, H. C., sC. 111 Trowbridge  
 Smith, H. H., 2M. 3 Pleasant Pl.  
 Smith, H. S., 4C. P. 88  
 Smith, H. W., 1M. 280 Neponset Ave., Dorchester  
 SMITH, J., *Prof. L.* 4 Berkeley  
 Smith, J., 1C. 50 Carleton, Newton  
 Smith, J. C., 2L. 270 Newbury\*  
 Smith, J. D., 1L. Craigie 105  
 Smith, L. W., 3L. Lawrence 24  
 Smith, M. D., 1S. 35 Trowbridge  
 Smith, M. T., 1L. F. 3  
 Smith, P. S., 2C. Prescott 2  
 Smith, R. A., 3M. 85 Regent, Roxbury  
 Smith, R. E., sC. T. 11  
 Smith, St. J., 4C. Beck 7  
 SMITH, T., *Prof. M.* South, Jamaica Plain  
 Smith, V. H., 4C. D. 33  
 Smith, W. D., 3C. Hy 1  
 Smith, W. H., 1S. P. 73  
 Smith, W. R., 3V. 50 Village\*  
 Smitham, J., 1L. 52 Wendell  
 Smoot, C. H., 2S. 1270 Mass. Ave.  
 SMYTH, H. L., *Asst. Prof.* 29A Everett  
 Snapp, LeR. F., sDv. D. 8  
 Snite, F. J., 3C. G. 25  
 Snow, F. S., 3M. 28 J. A. Andrew, Jamaica Plain

- Snow, F. W., 1*Dn.*  
387 Broadway, Providence, R. I.
- Snow, S. B., 2*C.* M. 27
- Snow, W. L., 4*C.* 12 Kirkland Pl.
- Solomons, L. M., 4*G.* 109 Ellery
- Somers, P. E., 2*C.* 1734 Cambridge
- Somes, J. E., 1*S.* M. 44
- Soule, M. G., *sL.* P. 4
- Southard, E. E., 1*M.*  
66 G, So. Boston
- Southwick, G. R., *grM.*  
31 Mass. Ave.\*
- Southworth, S. B., 2*C.* W. 11
- Soutter, R., 3*M.* 5 Mt. Vernon Pl.\*
- Spalding, A. C., 3*C.* M. 57
- Spalding, E., 2*C.* 35 Bow
- Spalding, L. J., *sC.* 11 Leonard Ave
- Spalding, R., 4*S.* (also 1*M.*),  
75 Sparks
- SPALDING, W. R., *Instr.* 1 Parker
- Spalter, C. M., 3*M.* Harv. Med Sch.\*
- Spencer, A. W., 4*C.* G. 40
- Spencer, V., 3*C.* Read's 16
- Spencer, W. H., 2*C.* 9 Bow
- Spiller, A. E. M., *sC.*  
1686 Cambridge
- Spindler, F. N., 4*G.* 16 Carver
- Splaine, H. J., *sL.*  
3 Midland, Dorchester
- Sprague, A. A., 4*C.* 20 Holyoke
- Sprague, R. B., 2*L.* Ware 51
- Sprague, R. W., 2*L.* H. 15
- Spratt, D. M., 1*C.* 467 Broadway
- Sproules, J. A., 2*M.* 31 Hillside\*
- Squarebrigs, W. D., 3*Dn.*  
327 Columbus Ave.\*
- Stableton, J. K., 1*G.* 10 Mellen
- Stackpole, J. L., 3*L.* 292 Beacon\*
- Stackpole, P. L., 1*L.* Lawrence 15
- Stackpole, W., 4*C.* Beck 46
- Stafford, J., 1*G.* 1586 Cambridge
- STANDISH, M., *Asst. M.*  
6 St. James Ave.\*
- Stanley, H. R., 4*C.* W. H. 9
- Stanley, I. I., 1*C.* 61 Gorham
- Stanley, R. B., 1*L.* 12 Kirkland Pl.
- Stanley, W. P., 3*C.* W. 39
- Stanton, H. B., 2*C.* Ware 6
- STANTON, J. E., *Asst. Prof. Dn.*  
32 St. James Ave.\*
- Stanwood, E. B., 3*C.* Shepherd 8
- Starbuck, E. A., 4*C.* C. 48
- Starr, H. E., 1*G.*  
5 Chapin Ave., Prov., R. I.
- Starratt, W. H., 3*Dn.*  
31 Weld Hill, Forest Hills
- Stearn, L., 2*C.* P. 52
- Stearns, H. N., 3*C.* 44 Walker
- Stearns, J. B., 1*G.* 16 Mellen
- Stearns, J. T., 2*L.* 16 Mellen
- Stearns, M., 3*C.* T. 28
- Stearns, R., 1*C.* Read's 8
- Stearns, R. T., 4*C.* P. 85
- Stearns, W. N., 1*G.* 45 Trowbridge
- Stedman, F. H., *sC.*  
35 Highland Ave.
- Steele, A. E., 2*M.*  
11 Beckett, Peabody
- Steenstra, F. H., 2*C.* C. 31
- Steinmetz, P. J., 1*C.*  
9 Crocker, W. Somerville
- Stensland, T., 4*C.* Ware 31
- Stephens, C. H., 3*C.* W. H. 2
- Stephenson, H. E., 2*C.*  
55 Dartmouth, Somerville
- Stephenson, H. T., 1*G.* 54 Garden
- Sterling, F. A., 4*C.* Beck 41
- Stern, E. C., *sC.* 12 Oxford
- Stevens, C. G., *sS.* Felton 24
- Stevens, E., 2*C.* 79 Raymond
- Stevens, E. E., *grDv.*  
257 Webster, E. Boston
- Stevens, E. W., 3*S.* 26 Gray
- Stevens, F. H., 2*C.* 36 Bowdoin
- Stevens, R. B., *sL.* 44 Mt. Auburn
- Stevens, S., 2*S.* P. 86
- Stevens, S. B., 3*S.* Dunster 32
- Stevens, W., *sC.* 54 Garden
- Steward, C., 1*G.* H. 24
- Steward, F. R., 2*L.* H. 24
- STEWART, C. C., *Asst. M.*  
207 W. Newton\*
- Stewart, H. J., 1*C.* 2 Woodland Ave.,  
Melrose Highlands
- STEWART, J. R., *Asst. B.*  
3 St. John, Jamaica Plain
- Stewart, J. W., 4*C.* 17 Putnam Ave.
- Stewart, W. K., 1*G.* 11 Mellen
- Stickney, A., 1*L.* W. H. 5
- Stickney, H. A., 2*C.* Hilton 33
- Stickney, S., 1*C.* 1039 Mass. Ave.
- Stickney, W., 2*C.* 30 Holyoke
- Stiles, F. A., 1*V.* 90 E. Newton\*
- Stillings, L. A., 1*C.* Trinity 1
- Stillman, C. C., 4*C.* Beck 21
- Stillwagen, F. H., 2*L.* Felton 13
- Stilwell, W. E., 1*C.* 125 Mt. Auburn
- Stimson, J. H., 2*V.* 729 Tremont\*

- Stimson, M. W., *sC.* Trinity 16  
 Stix, C. H., *1C.* P. 68  
 Stix, E. W., *2C.* M. 12  
 Stobbs, G. R., *3C.* T. 17  
 Stoddard, A. E., *2C.* W. 17  
 STODDARD, A. H., *Instr. Dn.*  
 196 Marlboro\*  
 Stoddard, F. R., *3C.* W. 48  
 STONE, A. K., *Asst. M.* 220 Clarendon\*  
 Stone, B. H., *4C.* M. 38  
 Stone, F. W., *1C.* P. 87  
 Stone, H. L., *1C.* 1534 Cambridge  
 Stone, R. B., *4C.* Hilton 9  
 Stone, W. B., *3M.*  
 133 Washington, Lynn  
 Stoops, J. D., *3Dv.* D. 29  
 STORER, F. H., *Prof. and Dean*  
*of Bussey Instn.* 476 Boylston\*  
 Storer, J., *grM.* Jamaica Plain  
 STORER, M., *Curator of Coins in*  
*College Library,* 476 Boylston\*  
 STOREY, M., *Overseer,*  
 735 Exchange Building\*  
 Storey, R. C., *2L.*  
 Edgell Road, Brookline  
 STORROW, J. J., *Overseer,*  
 40 Water\*  
 Story, A. E., *1S.* 1595 Mass. Ave.  
 Stout, R., *4C.* G. 34.  
 Stout, E. W., *3C.* 1750 Cambridge  
 Stover, R. W., *2C.* W. 9  
 Stowe, I. E., *4M.*  
 Parental Home, W. Roxbury  
 Stowell, E. C., *grM.* 7 Mass. Ave.\*  
 Stowell, H. W., *3C.* W. 17  
 Stratton, G. R., *3C.* S. 32  
 Strauss, S., *1C.* Felton 31  
 Straw, C. A., *1C.* 807 Parker\*  
 Straw, W. P., *2C.* Ware 52  
 Strong, H. C., *3C.* 27 Everett  
 Strong, M. H., *2L.* 40 Kirkland  
 Studley, J. B., *3C.* P. 56  
 Sturgis, A., *2S.* M. 29  
 Sturtevant, R. E., *1C.* C't 19  
 Sughrue, D. F., *4M*  
 61 Julian, Dorchester  
 SULLIVAN, J., *Instr.* S. 21  
 Sullivan, J. A., *1L.*  
 Sullivan, J. B., *1L.* T. 39  
 Sullivan, J. C., *sL.* W. H. 44  
 Sullivan, J. E., *gr.M.*  
 Harv. Med. Sch.\*  
 Sullivan, J. J., *2M.*  
 161 W. Third, So. Boston  
 Sullivan, J. L., *2M.*  
 90 Milton Ave., Dorchester  
 Sullivan, M. A., *1C.* C. 30  
 Sullivan, M. F., *sC.* 1727 Cambridge  
 Sullivan, M. H., *2M.*  
 155 Warren Ave.\*  
 Sullivan, M. X., *3C.* C. 3  
 Sullivan, P. L., *1C.* 55 Hammond  
 Sullivan, T. J., *1M.*  
 35 Elm, W. Somerville  
 Sulloway, R. W., *4C.* 12 Mt. Auburn  
 SUMICHRAST, F. C. de, *Asst. Prof.*  
 16 Quincy  
 Sumner, G., *1L.* Lawrence 20  
 Sutro, F. C., *3C.* W. H. 54  
 Swaim, R. D., *1C.* M. 5  
 Swain, C. O., *2C.* M. 9  
 Swan, C. J., *1S.* C. 65  
 Swan, J. R., *3L.* W. H. 30  
 SWAN, W. D., *Asst.* 19 Everett  
 Swann, J. B., *4C.* H'y 13  
 Swanton, J. R., *3G.*  
 1 Regent, Roxbury  
 Sweetser, A. L., *1C.* Little's 12  
 Sweetser, T. H., *1C.* Little's 12  
 Swift, F. R., *3C.* 31 Bow  
 Swift, G. W., *sC.* 62 Kirkland  
 Swift, H. M., *3M.* 173 St. Botolph\*  
 SWIFT, J. B., *Asst. M.*  
 11 Gloucester\*  
 Swift, W. B., *1C.* 48 Irving  
 Swinford, W. B., *sC.* 10 Appian Way  
 Switzer, E. M., *1C.* 20 Holyoke  
 SYLVESTER, J. P., *Instr. (also 3G.),*  
 T. 54  
 Symonds, H. D., *1S.* Little's 25  
 Symonds, J. H. A., *1C.* Craigie 303  
 TAFT, E. F., *Instr. Dn.* 15 Brattle  
 Taft, S. S., *4C.* W. H. 43  
 Taggart, H. W., *3S.* 9 DeWolfe  
 Talbot, C. N., *3S.* Hilton 1  
 Talbot, F. B., *2C.* Craigie 402  
 Talbot, O. D., *1C.* 37 Bow  
 Talmadge, H., *3C.* 14 Claverly  
 Tapper, E. J., *sL.* H. 3  
 Tapper, W. R., *3L.* H. 3  
 Tappin, H., *2C.* 7 Linden  
 Tate, D. S., *1L.* Winthrop 28  
 TAUSSIG, F. W., *Prof.* 2 Scott  
 Tayler, C. H., *1S.*  
 126 Commonwealth Ave.\*  
 Taylor, B., *1S.* H'ke 12  
 Taylor, C. L., *1L.* Roslindale

- Taylor, C. R., 2*C*.  
19 Maple, Arlington
- TAYLOR, E. W., *Instr. M.*  
416 Marlboro\*
- Taylor, F. B., 3*C*.  
H'ke 15
- Taylor, F. L., 1*M*.  
32 Brook, Brookline
- TAYLOR, F. T., *Instr. Dn.*  
394 Broadway, So. Boston
- Taylor, G. C., 3*C*.  
G. 36
- Taylor, G. R., 2*S*.  
40 Kirkland
- Taylor, J., 2*M*.  
59 Chandler\*
- Taylor, J. D., 3*M*.  
178 Princeton, E. Boston
- TAYLOR, J. L., *Clerk in Bursar's*  
*Office,* Wadsworth House
- Taylor, L. E., 2*G*.  
10 Oxford
- Taylor, R. S., 1*S*. Melrose Highlands
- Taylor, V., *sC*.  
1734 Cambridge
- Taylor, W. Hart, *sS*.  
11 Lynn, Chelsea
- Taylor, W. Harold, 1*C*.  
H'ke 12
- Taylor, W. J., 2*C*.  
W. 40
- Teevens, J. J., 4*C*.  
W. H. 45
- TENNEY, B., *Asst. M.* 308 Marlboro\*
- Terbush, M. E., 2*S*.  
C. 64
- Terhune, E. B., 3*C*.  
Felton 25
- Terrell, G., 1*G*.  
17 Trowbridge Pl.
- Tewksbury, E. B., 2*C*.  
P. 82
- Thacher, A. G., 1*L*.  
W. H. 4
- Thacher, G. O., 1*C*.  
W. H. 4
- Thacher, J. H., *sL*.  
2 Gorham
- Thaxter, B. A., 1*Dv*. 12 Kirkland Pl.
- Thayer, C. S., 2*S*.  
33 Brewster
- THAYER, E. R., *Instr. L.*  
5 Phillips Pl.
- Thayer, F. E., 3*C*.  
44 Garfield
- Thayer, G. R., 1*C*. 8 Irving Terrace
- Thayer, H. W., 3*M*.  
Holbrook
- THAYER, J. B., *Prof. L.* 5 Phillips Pl.
- THAYER, J. H., *Prof. Dv.* 67 Sparks
- Thayer, J. M., 4*C*.  
W. 31
- Thierry, L. S., 1*C*.  
41 Crescent
- Thomas, A. F. S., 2*L*.  
P. 35
- Thomas, D. P., 3*Dn*. 711 Boylston\*
- Thomas, E. E., 1*S*.  
G. 13
- Thomas, G. W., 2*L*.  
92 Wendell
- Thomas, J. W., 3*M*.  
Harv. Med. Sch.\*
- Thomas, S. P., 1*C*.  
20 Mellen
- Thomas, V. S., 1*L*.  
Craigie 503
- Thomas, W. K. S., 1*C*. 427 Broadway
- Thompson, C. A., *grM.*  
Harv. Med. Sch.\*
- Thompson, E. S., 2*Dn*.  
17 Barstow, Malden
- Thompson, F. A., 2*C*.  
T. 11
- Thompson, F. H., 4*C*.  
Craigie 106
- Thompson, G. W., 3*C*.  
Craigie 207
- Thompson, H. S., 3*C*.  
T. 63
- Thompson, R. H., 4*M*.  
486 Mass. Ave.\*
- Thompson, R. L., 2*M*.  
Harv. Med. Sch.\*
- Thomson, C., 3*S*.  
78 Mt. Auburn
- Thomson, F. G., 1*L*.  
2 Holmes Pl.
- Thorndike, A. H., 3*G*. 12 Kirkland Pl.
- THORNDIKE, P., *Asst. M.*  
244 Marlboro\*
- Thorndike, T. W., 1*M*. 22 Newbury\*
- Thorne, S., 2*L*.  
Winthrop 11
- Thornhill, E. A. 2*C*.  
C. 50
- Thornley, W. H., 1*L*.  
Pawtucket, R. I.
- Thurber, S., 1*C*.  
W. H. 60
- Thurston, C. L., *sC*.  
C't 32
- Thurston, C. S., 3*L*.  
8 Appian Way
- Thurston, E. S., 4*C*.  
Claverly 40
- Thurston, J. H., 2*L*. 1699 Cambridge
- Tiffany, G. S., 3*C*.  
Claverly 26
- Tilden, C. S., 4*C*.  
H. 17
- Tilden, F. C., 3*C*.  
116 Dartmouth\*
- Tilden, F. W., 2*G*.  
7 Brookline
- Tilden, I. N., 4*M*.  
1 Joy\*
- Tileston, W., 3*M*.  
Milton
- Tillinghast, J. A., 3*L*.  
52 Irving
- TILLINGHAST, W. H., *Asst. Libra-*  
*rian,* 50 Garden
- Tilton, C. H., 1*C*.  
Little's 21
- Tilton, N. W., 2*C*.  
50 Winthrop
- Timlin, J. T., 3*Dn*.  
26 Poplar\*
- Tirrell, E. V. D., 4*C*.  
1268 Mass. Ave.
- Tirrell, J. A., 2*L*.  
4 Gorham
- Tirrell, P. H., 1*L*.  
P. 19
- Tobey, E. N., 2*M*.  
36 Carver
- Tobey, G. O., 4*C*.  
W. H. 43
- Tobey, M. J., 1*C*.  
34 Hartford, Roxbury
- Tobin, J. H., 4*M*.  
486 Haverhill, Lawrence
- Tobin, J. W., 1*V*.  
54 Plymouth
- Todd, A. K., 1*C*.  
P. 25
- Todd, F. C., 2*C*.  
C't 10
- Tomlinson, F., 3*C*.  
M. 32
- Tonks, O. S., 4*C*.  
T. 51
- Tooker, W. H., 1*V*.  
6 Green, Hyde Park

- TORREY, J., *Instr.* 8 Avon  
 Tower, B., 2C.  
 791 Fourth, So. Boston  
 Tower, G. H., 1C. Apley 51  
 Towner, J. De K., 4C. Craigie 408  
 Townsend, D., 2M. 15 Blagden\*  
 Townsend, R. M., 2L. 20 Holyoke  
 Toy, C. H., *Prof.* 7 Lowell  
 Tozier, C. H., 4S (also 1M.),  
 30 Thorpe Pl., Somerville  
 Tozzer, A. M., 2C. P. 50  
 Train, A. C., 2L. 108 Brattle  
 Trainer, J. N., 2C. Shepherd 6  
 Trapp, R. A., 4C. 1560 Cambridge  
 Travis, T., 1C. C. 54  
 Trenholme, N. M., 2G. T. 23  
 TROWBRIDGE, J., *Prof.*  
 58 Linnaean  
 Trueman, W. G., 1Dn.  
 45 Westland Ave.\*  
 Truesdale, P. E., 4M.  
 31 Circuit, Roxbury  
 Tuck, A. E., 3Dn. 80 Myrtle\*  
 Tucker, H. F., 1S. 421 Broadway  
 Tucker, P. M., 3C. G. 30  
 Tucker, R. F., 1C. Apley 104  
 Tufts, T. A., 1L. 1671 Cambridge  
 Tunnichiff, G. D., 2L. 18 Sumner  
 Tupper, A. G., 2M. Rockport  
 Turner, A., 1C. C. 64  
 Turner, C. H., 4M. Blackinton  
 TURNER, D. L., *Instr.* 41 Irving  
 Turner, F. A., 3C. Hilton 29  
 Twohey, J. A., 1L. 409 Broadway  
 Twombly, H., 1L.  
 44 Franklin, Newton  
 Tyler, W. M., 3C. M. 47  
 Tyson A. L., sL. 1686 Cambridge  
 Ufford, F. P., sL. 51 Trowbridge  
 Ullmann, L., 2C. W. 9  
 Underhill, S. G., 1M.  
 48 Pinckney, Somerville  
 Underwood, C. M., 2C. C. 16  
 Underwood, E. R., 1C.  
 364 Tappan, Brookline  
 UNDERWOOD, W. O., *Lect. V.*  
 50 Atlantic Ter., Lynn  
 UPHAM, H. L., *Instr. Dn.*  
 128 Charles\*  
 Upton, R., 3C. W. H. 6  
 Urquhart, D. F., 3C. W. H. 46  
 Utassy, G. von, 4C. Claverly 15  
 Utter, R. P., 4C. T. 6  
 Valentine, J. L., 4C. W. 16  
 Vanderbilt, W. K., 1S. Beck 37  
 Vanderhooff, N. B., sC. P. 11  
 Vanlandingham, H. A., 1G.  
 378 Harvard  
 Vann, I. D., 1L. Winthrop 17  
 VAN WYCK, C. B., *Recorder of Hem.*  
*Gymnasium,* 5 Ellsworth Pk.  
 Vaughan, F. A., 3S. P. 46  
 Vaux, H. P., 1S. Hilton 5  
 Vejux-Tyrode, M. P. O., 2M.  
 Harv. Med. Sch.\*  
 Verrill, H. S., 1G. 34 Bigelow  
 Verveer, E., 4S. 12 Howland  
 VICKERY, H. F., *Instr. M.*  
 263 Beacon\*  
 Vincent, B., 4C. Trinity 4  
 Vincent, D., 1C. Trinity 4  
 Vincent, W. H., 1L. Winthrop  
 Virgin, E. H., 3C. T. 63  
 Vogel, G. L., 2M. 120 Pembroke\*  
 Vose, L. E., 4C. Hilton 14  
 Wade, G. K. B., 3L. Winthrop 13  
 Wadhams, W. H., 2L. Craigie 108  
 Wadleigh, H. A., 2C. G. 16  
 Wadsworth, A. H., 1C. P. 31  
 Wadsworth, C. S., 2L. 87 Beacon\*  
 Wadsworth, E., 4C. 27 Holyoke  
 WADSWORTH, O. F., *Prof. M.*  
 526 Beacon\*  
 Wadsworth, R. G., 2M. 526 Beacon\*  
 Wadsworth, S. F., 2V.  
 113 Warren Ave.\*  
 Wait, W. S., 1C. P. 81  
 WAITE, F. C., *Asst.* (also 3G.),  
 Felton 18  
 Waitt, W. G., 2C. 58 Dwight\*  
 Wakefield, E. E., 3C. Newtonville  
 WALCOTT, H. P., *Fellow,*  
 11 Waterhouse  
 Walcott, P. K., 1L. W. H. 18  
 Walcott, R., 2L. 11 Waterhouse  
 Walcott, S. F., 1C. 49 Wendell  
 Waldo, F. L., 4C. T. 41  
 Waldron, C. E., 1C. C. 54  
 Wales, E. deW., 3M. Trinity Court\*  
 Walker, A. S., 2S. Ware 50  
 Walker, A. W., 3B. Bussey Inst'n  
 Walker, B., 2L. H'ke 28  
 Walker, D. H., 4M. City Hospital\*  
 Walker, G. A., 2L. D. 27  
 Walker, W. D., 1M. M. 37  
 Walker, W. H., 1C. 155 Western Ave.

- Wall, M. J., 1*C.* 43 Falmouth\*  
 Wallace, A., 4*C.* Claverly 5  
 Wallace, H. W., *sS.* Craigie 302  
 Walling, C. H., 1*M.* Providence, R.I.  
 Walling, E. L., 2*L.* Auburndale  
 Walling, W. E., 1*L.* Dunster 56  
 Walsh, J. P., 1*L.* 22 Kendall\*  
 Walsh, R. M., 1*C.*  
 57 Howard Ave., Roxbury  
 Walsh, V. J., 3*L.* 20 Prescott  
 Walter, A., 1*C.* C. 51  
 Walter, G. W., 2*C.*  
 Winthrop Road, Brookline  
 WALTON, G. L., *Instr. M.*  
 and *Dn.* 199 Marlboro\*  
 WALZ, W. E., *Instr.* (also 2*L.*),  
 39 Ellery  
 WAMBAUGH, E., *Prof. L.*  
 29 Hammond  
 Ward, A., 3*C.* C't 38  
 Ward, G. C., 4*C.* Warland 4  
 Ward, H., 2*C.* Little's 19  
 Ward, H. C., 3*S.* W. H. 8  
 Ward, H. E., *sC.* Ware 24  
 Ward, H. F., 1*G.* 63 Gorham  
 Ward, J. T., 2*M.* 155 Warren Ave.\*  
 Ward, L., *sC.* 10 Mellen  
 Ward, P. M., 4*M.* 14 Milford\*  
 WARD, R. DEC., *Instr.* U. M.  
 Ward, W. G., 4*M.* 17 Silsbee, Lynn  
 Warden, R. A., 3*M.* 1080 Boylston\*  
 Wardwell, A., 3*L.* Winthrop 19  
 Wardwell, F. W., 1*S.* Prescott 1  
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