

CONTENTS

INTRODUCTION	xxiii
1. GOVERNMENT AND ADMINISTRATION, 1869-1929	xxv
2. COLLEGE STUDIES, 1869-1929	xxxix
3. VOLUNTARY WORSHIP, 1886-1929, by Francis G. Peabody, S.T.D.	li
4. PRESIDENT ELIOT'S INAUGURAL ADDRESS	lix
5. PRESIDENT LOWELL'S INAUGURAL ADDRESS	lxxix
6. TABLES OF GROWTH, 1868-1929	lxxxix
PHILOSOPHY, 1870-1929	3
GEORGE HERBERT PALMER, LL.D., <i>Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity, Emeritus.</i>	
RALPH BARTON PERRY, Ph.D., <i>Professor of Philosophy.</i>	
Personnel, 3 — James, 4 — Royce, 9 — Santayana, 15 — Münsterberg, 17 — Palmer, 20 — Pupils and Successors, 21 — Organization, 24 — Instruction, 26.	
THE CLASSICS, 1867-1929	33
HERBERT WEIR SMYTH, Ph.D., <i>Eliot Professor of Greek Literature, Emeritus.</i>	
The Classics and the Elective System, 33 — The Staff, 37 — Instruction in the Graduate School, 52 — Undergraduate Instruction, 55 — Postscriptum, by Lucien Price, 63.	
THE MODERN LANGUAGES, 1869-1929	65
CHARLES H. GRANDGENT, Litt.D., <i>Professor of Romance Languages.</i>	
The Older Generation, 65 — Administration, 68 — Growth of the English Department, 74 — From German to Germanic, 81 — Neo-Latin, 85 — Fresh Fields, 91 — Auxiliaries, 94 — The Product, 98 — Conclusion, 103.	
MUSIC, 1862-1929	106
WALTER R. SPALDING, A.M., <i>Professor of Music.</i>	
Introduction, 106 — The Chapel Choir, 108 — The Department of Music, 110 — The Pierian Sodality Orchestra, 117 — The University Glee Club, 119 — The Instrumental Clubs, 125 — Prizes, Fellowships, and other Benefactions, 127 — Codetta, 128.	
THE FINE ARTS, 1874-1929	130
GEORGE H. CHASE, Ph.D., <i>Hudson Professor of Archaeology.</i>	
The Norton Era, 1874-1908, 130 — New Blood, Growth, Development, 1909-1928, 135 — Research, Exploration, and the New Fogg Art Museum, 1919-1929, 141.	
THE GERMANIC MUSEUM, 1903-1928	146
KUNO FRANCKE, Litt.D., <i>Professor of the History of German Culture, Emeritus, and Honorary Curator of the Museum.</i>	

HISTORY, 1838-1929	150
EPHRAIM EMERTON, Ph.D., <i>Winn Professor of Ecclesiastical History, Emeritus.</i>	
SAMUEL ELIOT MORISON, Ph.D., <i>Professor of History.</i>	
GOVERNMENT, 1874-1929	178
ALBERT BUSHNELL HART, LL.D., <i>Eaton Professor of the Science of Government, Emeritus.</i>	
Prehistoric Period, 178 — Government through History, 1874-1892, 179 — Government allied with History, 1892-1911, 181 — Period of Development, 1911-1929, 184.	
ECONOMICS, 1871-1929	187
FRANK WILLIAM TAUSSIG, Litt.D., <i>Henry Lee Professor of Economics.</i>	
Dunbar and the Quarterly Journal, 187 — Growth and Expansion, 1900-1928, 191 — Undergraduate Instruction, 195.	
ANTHROPOLOGY, 1866-1929	202
ROLAND B. DIXON, Ph.D., <i>Professor of Anthropology and Curator of Ethnology in the Peabody Museum.</i>	
The Peabody Museum, 202 — The Teaching of Anthropology, 210.	
PSYCHOLOGY, 1876-1929	216
RALPH BARTON PERRY, Ph.D., <i>Professor of Philosophy.</i>	
Relations of Philosophy and Psychology, 216 — The Psychological Laboratory, 217 — Instruction and Research, 220.	
SOCIAL ETHICS, 1905-1929	223
JAMES FORD, Ph.D., <i>Associate Professor of Social Ethics.</i>	
SEMITIC, 1880-1929	231
DAVID G. LYON, S.T.D., <i>Hancock Professor of Hebrew and other Oriental Languages, Emeritus.</i>	
Instruction in Semitic Languages and History, 231 — The Semitic Museum and Exploration, 236.	
EGYPTOLOGY, 1896-1928	241
GEORGE ANDREW REISNER, Ph.D., <i>Professor of Egyptology.</i>	
MATHEMATICS, 1870-1928	248
JULIAN LOWELL COOLIDGE, Ph.D., <i>Professor of Mathematics.</i>	
CHEMISTRY, 1865-1929	258
CHARLES LORING JACKSON, A.M., <i>Erving Professor of Chemistry, Emeritus.</i>	
GREGORY PAUL BAXTER, Ph.D., <i>Theodore William Richards Professor of Chemistry.</i>	
Instruction, 1865-1912, 258 — Research, 1870-1912, 263 — The Period 1912-1929, 269.	
PHYSICS, 1869-1928	277
EDWIN H. HALL, LL.D., <i>Rumford Professor of Physics, Emeritus.</i>	

CONTENTS

xv

ASTRONOMY, 1877-1927	292
SOLOMON I. BAILEY, S.D., <i>Phillips Professor of Astronomy, Emeritus.</i> The Observatory, 292 — The Teaching of Astronomy and the Astronomical Laboratory, 303.	
GEOLOGY AND GEOGRAPHY, 1858-1928	307
WILLIAM MORRIS DAVIS, S.D., <i>Sturgis-Hooper Professor of Geology, Emeritus.</i> REGINALD ALDWORTH DALY, S.D., <i>Sturgis-Hooper Professor of Geology.</i> Whitney and Shaler, 307 — The Growth of the Department, 1875-1906, 314 — From the Death of Shaler to the Present, 321.	
THE GEOLOGICAL MUSEUM, 1907-1929	329
ROBERT W. SAYLES, A.B., <i>Research Associate in the Division of Geology.</i>	
MINERALOGY, 1869-1928	332
CHARLES PALACHE, Ph.D., <i>Professor of Mineralogy.</i> The Mineralogical Museum, 332 — The Department of Mineralogy and Petrography, 335.	
BOTANY, 1869-1929	338
BENJAMIN LINCOLN ROBINSON, Ph.D., <i>Asa Gray Professor of Systematic Botany and Curator of the Gray Herbarium.</i> Botanical Instruction, 338 — The Botanic Garden, 345 — The Gray Herbarium, 348 — The Arnold Arboretum, 357 — The Farlow Library and Herbarium of Cryptogamic Botany, 366 — The Botanical Museum, 370 — The Biological Laboratory and Botanic Garden in Cuba, 376.	
ZOOLOGY, 1847-1921	378
EDWARD LAURENS MARK, LL.D., <i>Hersey Professor of Anatomy, Emeritus.</i> Agassiz and Wyman, 378 — Undergraduate and Graduate Instruction, 1874-1921, 382 — The Marine Laboratories, 392.	
RECENT DEVELOPMENTS IN BIOLOGY, 1921-1928	394
G. H. PARKER, S.D., <i>Professor of Zoölogy and Director of the Zoölogical Laboratory.</i> WILLIAM J. CROZIER, Ph.D., <i>Professor of General Physiology.</i> Zoölogy, 394 — Physiology, 397.	
THE MUSEUM OF COMPARATIVE ZOOLOGY, 1858-1928	400
GEORGE RUSSELL AGASSIZ, A.B., <i>Overseer of Harvard College.</i>	
ENGINEERING AND OTHER APPLIED SCIENCES IN THE HARVARD ENGINEERING SCHOOL AND ITS PREDECESSORS, 1847-1929	413
HECTOR JAMES HUGHES, A.B., <i>Professor of Civil Engineering and Dean of the Harvard Engineering School.</i> The Lawrence Scientific School, 1847-1906, 413 — The Graduate School of Applied Science, 1906-1912, 427 — The Graduate Schools of Applied Science, 1912-1914, 431 — Coöperative Agreement with the Massachusetts Institute of Technology, 1914-1919, 433 — The Harvard Engineering School, 1919-1929, 439.	

THE SCHOOLS OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE, 1894-1929	443
GEORGE H. EDGELL, Ph.D., <i>Professor of Fine Arts and Dean of the Faculty of Architecture.</i>	
THE GRADUATE SCHOOL OF ARTS AND SCIENCES, 1872-1929	451
CHARLES H. HASKINS, Litt.D., <i>Henry Charles Lea Professor of Mediaeval History and former Dean of the School.</i>	
THE THEOLOGICAL SCHOOL, 1869-1928	463
WILLIAM WALLACE FENN, D.D., <i>Bussey Professor of Theology and former Dean of the School.</i>	
THE LAW SCHOOL, 1817-1929	472
ROSCOE POUND, LL.D., <i>Carter Professor of General Jurisprudence and Dean of the Faculty of Law.</i>	
Periods and Principles in the History of the School, 1817-1929, 472 — The Faculty, 477 — Teaching, 488 — Graduate Instruction and Research, 495 — The Student Body, 498 — The Library, 500 — Student Activities, 502 — Administration, 504 — Endowment and Buildings, 506.	
THE BUSSEY INSTITUTION, 1871-1929	508
WILLIAM MORTON WHEELER, Ph.D., <i>Professor of Economic Entomology and Dean of the Institution.</i>	
THE GRADUATE SCHOOL OF EDUCATION, 1891-1929	518
HENRY W. HOLMES, Litt.D., <i>Professor of Education and Dean of the School.</i>	
The Teaching of Education under the Faculty of Arts and Sciences, 1891-1920, 518 — The Graduate School of Education, 1920-1929, 527.	
THE GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, 1908-1929	533
WALLACE B. DONHAM, LL.B., <i>George F. Baker Professor of Business Economics and Dean of the School.</i>	
ESTY FOSTER, S.B., <i>Assistant Dean.</i>	
The First Decade of the School, 1908-1918, 533 — Growth and Expansion, 1919-1929, 540 — Curriculum, 541 — Faculty, Teaching Methods, and Research, 542 — Finance and Buildings, 545.	
THE BLUE HILL OBSERVATORY, 1884-1929	549
ALEXANDER G. McADIE, A.M., <i>Abbott Lawrence Rotch Professor of Meteorology and Director of the Observatory.</i>	
THE MEDICAL SCHOOL, 1869-1929	555
FREDERICK C. SHATTUCK, M.D., <i>Jackson Professor of Clinical Medicine, Emeritus.</i>	
J. LEWIS BREMER, M.D., <i>Associate Professor of Histology.</i>	
Introduction, 555 — Reformation, 1869-1883, 557 — The Boylston Street School, 1883-1906, 562 — The Move to Longwood Avenue, 569 — Growth, Activity, Service, 1906-1918, 572 — Renaissance, 1918-1929, 578 — The School and the Student, 581 — Research, 1869-1929, 589.	

CONTENTS

xvii

THE DENTAL SCHOOL, 1867-1929	595
LEROY M. S. MINER, D.M.D., <i>Professor of Clinical Oral Surgery and Dean of the School.</i>	
THE SCHOOL OF PUBLIC HEALTH, 1909-1928	603
DAVID L. EDSALL, M.D., <i>Dean of the School.</i>	
THE HARVARD COLLEGE LIBRARY, 1877-1928	608
WILLIAM COOLIDGE LANE, A.M., <i>College Librarian, Emeritus.</i> From Sibley to Winsor, 608 — Accessibility, 611 — Shelf Classification, 614 — The Card Catalogue, 617 — Growth of the Library, 620 — Gore Hall and the Widener Library, 623 — Administration, 629.	
INDEX	633

ILLUSTRATIONS

PRESIDENT ELIOT, IN 1904	<i>Frontispiece</i>
CHART OF THE ORGANIZATION OF HARVARD UNIVERSITY . .	xxxii
PHILLIPS BROOKS, IN 1885	lviii
CHARLES W. ELIOT, IN 1870	lix
PRESIDENT LOWELL	lxxxix
<i>From the portrait by John Singer Sargent</i>	
WILLIAM JAMES	8
<i>From the portrait by Ellen Emmet</i>	
JOSIAH ROYCE	9
GEORGE SANTAYANA	20
<i>From the portrait by Denman Ross</i>	
GEORGE HERBERT PALMER.	21
<i>From the portrait by Charles Hopkinson</i>	
EVANGELINUS APOSTOLIDES SOPHOCLES	38
WILLIAM WATSON GOODWIN	39
GEORGE MARTIN LANE	50
EDWARD KENNARD RAND	51
FRANCIS J. CHILD	66
BARRETT WENDELL	67
GEORGE LYMAN KITTREDGE	80
<i>From the portrait by Charles Hopkinson</i>	
KUNO FRANCKE	81
IRVING BABBITT	92
BLISS PERRY AND J. D. M. FORD	93
THE DEPARTMENT OF MUSIC, 1928	116
THREE HARVARD COMPOSERS: FOOTE, PAINE, AND CONVERSE	117
CHARLES ELIOT NORTON	140
GREAT HALL OF THE NEW FOGG MUSEUM	141
HENRY ADAMS	156
THE HISTORY CLUB IN 1885	157
CHARLES HOMER HASKINS	172
ALBERT BUSHNELL HART AND WILLIAM SCOTT FERGUSON .	173
A. LAWRENCE LOWELL, IN 1896	182
WILLIAM BENNETT MUNRO AND GEORGE GRAFTON WILSON	183

CHARLES F. DUNBAR	190
THREE HARVARD ECONOMISTS: YOUNG, CARVER, AND RIPLEY	191
CHART OF INTRODUCTORY COURSES IN HISTORY. GOVERN- MENT, AND ECONOMICS	194
CHART OF INTRODUCTORY COURSES IN THE SCIENCES	195
FREDERIC WARD PUTMAN	210
FACULTY OF THE PEABODY MUSEUM, 1928	211
HUGO MÜNSTERBERG	222
FRANCIS GREENWOOD PEABODY	223
CRAWFORD H. TOY	234
GEORGE FOOT MOORE	235
MAXIME BÔCHER	248
BENJAMIN PEIRCE AND WILLIAM F. OSGOOD	249
JOSIAH PARSONS COOKE	260
WOLCOTT GIBBS	261
HENRY BARKER HILL	270
THEODORE WILLIAM RICHARDS	271
JOSEPH LOVERING	280
BENJAMIN OSGOOD PEIRCE	281
JOHN TROWBRIDGE	288
WALLACE CLEMENT SABINE	289
EDWARD C. PICKERING	298
CELESTIAL PHOTOGRAPH TAKEN AT THE AREQUIPA STATION	299
ROBERT W. WILLSON	306
THREE HARVARD SCIENTISTS: SHAPLEY, BRIDGMAN, AND BIRKHOFF	307
NATHANIEL SOUTHGATE SHALER	320
JOSIAH DWIGHT WHITNEY	321
THREE HARVARD GEOLOGISTS: GRATON, MATHER, AND WARD	332
WILLIAM MORRIS DAVIS AND JOHN ELIOT WOLFF	333
GEORGE LINCOLN GOODALE	348
ASA GRAY	349
CHARLES SPRAGUE SARGENT	364
<i>From the crayon portrait by John Singer Sargent</i>	
WILLIAM G. FARLOW	365
JEFFRIES WYMAN	380
LOUIS AGASSIZ AND A GROUP OF FRIENDS	381
<i>From plate owned by Dr. W. Milton Rose, through courtesy of J. Henry Blake</i>	

ILLUSTRATIONS

xxi

ALEXANDER AGASSIZ	406
WILLIAM MORTON WHEELER	407
IRA NELSON HOLLIS	422
THREE HARVARD ENGINEERS: ADAMS, SMYTH, AND SAUVEUR	423
HERBERT LANGFORD WARREN	444
JAMES STURGIS PRAY	445
JAMES MILLS PEIRCE	454
CHARLES LORING JACKSON AND FRANK WILLIAM TAUSSIG .	455
CHRISTOPHER COLUMBUS LANGDELL	478
<i>From the portrait by Frederick P. Vinton</i>	
JOHN CHIPMAN GRAY	479
<i>From an etching by Otto J. Schneider</i>	
JAMES BRADLEY THAYER	504
<i>From an etching by Sidney L. Smith</i>	
JAMES BARR AMES	505
<i>From an etching by Otto J. Schneider</i>	
PAUL H. HANUS	532
EDWIN F. GAY	533
DAVID WILLIAMS CHEEVER	562
HENRY PICKERING BOWDITCH	563
JOHN COLLINS WARREN	586
FREDERICK CHEEVER SHATTUCK	587
EUGENE HANES SMITH	602
WALTER BRADFORD CANNON	603
JOHN L. SIBLEY	618
ARCHIBALD CARY COOLIDGE	619
<i>From the portrait by Joseph A. Coletti (A.A. 1924)</i>	

