

CONTENTS.

— — — — — ESSAYS.

	PAGE
EUROPEAN HERBARIA	1
NOTES OF A BOTANICAL EXCURSION TO THE MOUNTAINS OF NORTH CAROLINA	22
THE LONGEVITY OF TREES	71
THE FLORA OF JAPAN	125
SEQUOIA AND ITS HISTORY	142
DO VARIETIES WEAR OUT OR TEND TO WEAR OUT	174
ÆSTIVATION AND ITS TERMINOLOGY	181
A PILGRIMAGE TO TORREYA	189
NOTES ON THE HISTORY OF HELIANTHUS TUBEROSUS	197
FOREST GEOGRAPHY AND ARCHÆOLOGY	204
THE PERTINACITY AND PREDOMINANCE OF WEEDS	234
THE FLORA OF NORTH AMERICA	243
GENDER OF NAMES OF VARIETIES	257
CHARACTERISTICS OF THE NORTH AMERICAN FLORA	260

BIOGRAPHICAL SKETCHES.

BROWN AND HUMBOLDT	283
AUGUSTIN-PYRAMUS DE CANDOLLE	289
BENJAMIN D. GREENE	310
CHARLES WILKES SHORT	312
FRANCIS BOOTT	315
WILLIAM JACKSON HOOKER	321
JOHN LINDLEY	333
WILLIAM HENRY HARVEY	337
HENRY P. SARTWELL	343
CHESTER DEWEY	345
NATHANIEL BAGSHAW WARD	349
MOSES ASHLEY CURTIS	351
HUGO VON MOHL	354
ROBERT WIGHT	356
FREDERICK WELWITSCH	358

JOHN TORREY	359
WILLIAM STARLING SULLIVANT	370
JEFFRIES WYMAN	377
DANIEL HANBURY	401
ALEXANDER BRAUN	403
CHARLES PICKERING	406
ELIAS MAGNUS FRIES	411
JACOB BIGELOW	413
JOHN CAREY	417
THOMAS POTTS JAMES	419
JOHN AMORY LOWELL	421
CHARLES DARWIN	425
JOSEPH DECAISNE	437
GEORGE ENGELMANN	439
OSWALD HEER	447
GEORGE BENTHAM	451
AUGUSTUS FENDLER	465
CHARLES WRIGHT	468
GEORGE W. CLINTON	475
EDMOND BOISSIER	479
JOHANNES AUGUST CHRISTIAN RÆPER	482
LOUIS AGASSIZ	483
EDWARD TUCKERMAN	491