

UNITED STATES
EXPLORING EXPEDITION.

DURING THE YEARS

1838, 1839, 1840, 1841, 1842.

UNDER THE COMMAND OF

CHARLES WILKES, U. S. N.

VOL. XVII.

BOTANY.

CRYPTOGAMIA.

MUSCI—BY WILLIAM S. SULLIVANT.

LICHENES—BY EDWARD TUCKERMAN.

ALGÆ—BY J. W. BAILEY AND W. H. HARVEY.

FUNGI—BY M. A. CURTIS AND M. J. BERKELEY.

PHANEROGAMIA

OF PACIFIC NORTH AMERICA,

By JOHN TORREY.

EDITED BY ASA GRAY.

PHILADELPHIA:

PRINTED BY SHERMAN & CO.

1874.