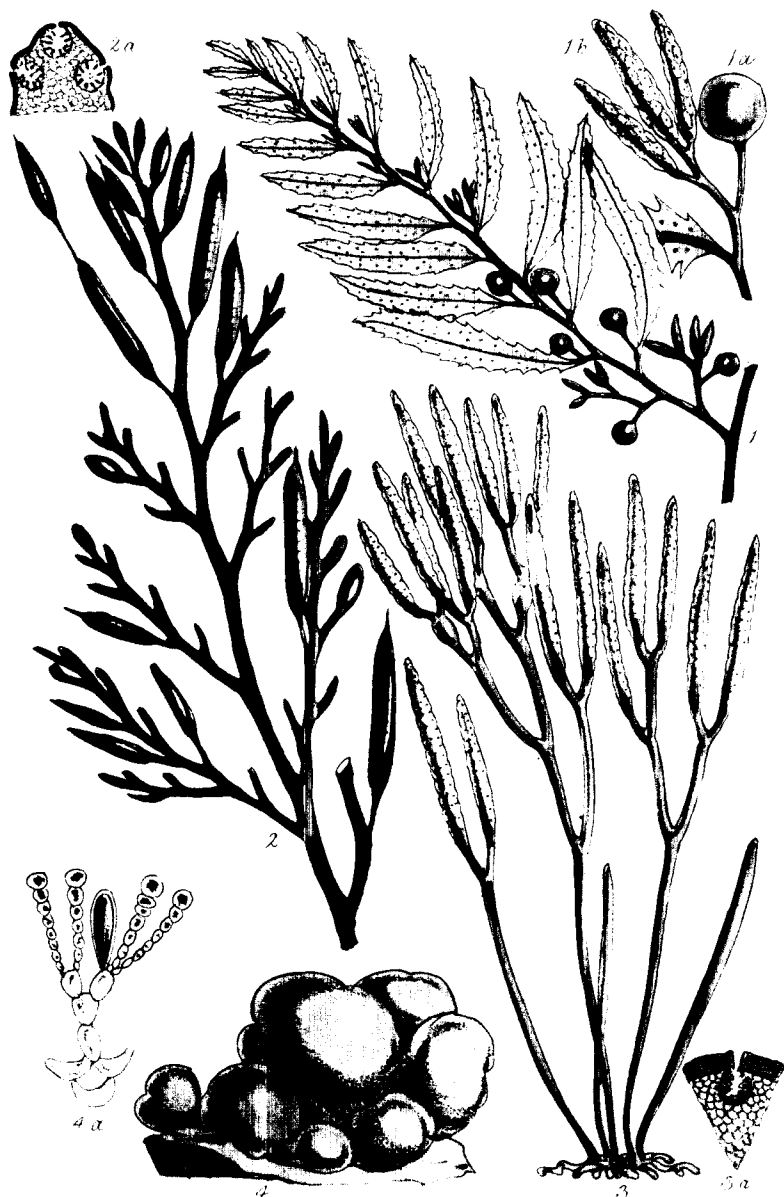


BRITISH SEA-WEEDS.



W. Fitch. lith

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BRITISH SEA-WEEDS:

AN

INTRODUCTION TO THE STUDY

OF THE

MARINE ALGÆ

OF

Great Britain, Ireland, and the Channel Islands.

BY

SAMUEL OCTAVUS GRAY.

"Thus learn we Bounty's lore
Along the unbounded shore."—*Keble*



XIII—836



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1867.

TO
JOHN EDWARD GRAY, F.R.S.,
V.P.Z.S., F.L.S., ETC. ETC. ETC.,

AND TO HIS WIFE

MARIA EMMA GRAY,

THIS LITTLE WORK IS AFFECTIONATELY INSCRIBED

BY THEIR GRATEFUL NEPHEW

S. O. GRAY.

PREFACE.

THE study of Sea-weeds,—Phycology, as it is technically termed,—was formerly a comparatively neglected science, and in consequence there was scope for more rapid progress in it than in the better known branches of botany. Accordingly, in the interval that has elapsed since the publication of Dr. Harvey's admirable '*Phycologia Britannica*,' many very important changes have been made in the classification and nomenclature of Sea-weeds, particularly of those of the Red series. These changes are recorded, chiefly, in expensive works, such as Harvey's '*Nereis Boreali-Americana*' and '*Phycologia Australica*,' etc., in scientific periodicals, or in the foreign publications of Agardh, Kützinger, and others; and have not, that I am aware, been introduced into any easily accessible English work, with the exception of Dr. Gray's '*Handbook of Water-weeds*.' In the following pages I have endeavoured to supply the want that appeared to me to exist,—to offer to the more or less advanced student a manual of British Sea-weeds, based on the most recent scientific research; and to the beginner