CONTENTS.

INTRODUCTION.

Beauty and Grandeur of the Sea—Commercial Importance—
Early Notices of Navigation—Proportion of Sea to Land—Changes in its Outline—Depth of the Ocean—Saltness—Loss by Evaporation—Supplied by Rivers—Motions of the Sea—Tides—Currents—The Gulf-stream—Origin of the Phenomenon—Familiar Illustration—Local Currents—Winds—Trade-winds—Monsoons—Land and Sea Breezes—Waves—Power of God—Man's Insensibility—Reflections

I. THE SHORES OF BRITAIN.

Instruction to be gained at Home as well as Abroad—Wisdom in Minutiæ of Creation — Habitually Submerged Beetle — Marine Water-fleas—Sea-weeds—Of various Interest—Manufacture of Kelp — Sea and Black Wrack — Knotted Wrack — Sea-lace—Various Provisions for securing Buoyaney—Sea-weeds used as Food—Dulse — Tangle — Sea-furbelows — Henware — English Dulse — Laver — Carrageen Moss—Sea-thong — Peacock's-tail — Delesseria — I andscape — Sea-weeds — Parasitical Sea-weeds — Divine Care for these productions — Corallines — Uses — Sponge — Animal Flowers — Singular instance of Voracity — Aggregate Polypes—Cows'-paps—Corals—Sea-fan—Sea-pen

II. THE SHORES OF BRITAIN, CONTINUED.

23

Fisheries — Structure of Fishes — Seales — Fins—Air-bladder— Motion — Spines —Fruitfulness of Fishes—Migrations—The Her-