Algae

An Illustrated Guide to the Diatoms of British Coastal Plankton

by J. B. Sykes
Enables the non-specialist to gain entry to the beautiful world of the phytoplankton. Includes a key and an introductory section on ecology of marine diatoms, 1981.

A Field Key to the British Brown Seaweeds

by S. Hiscock
A field guide to the majority of British macroscopic (larger than 1 cm) brown algae, including littoral, sublittoral, and rare species. Includes introductory section on ecology and distribution on the shore, 1979.

Diatoms of North America

by William C. Vinyard
A key to the genera of diatoms of fresh, brackish, and marine waters of temperate North America. Includes a description of each genus, as well as a chapter on the biology of diatoms, collection techniques, Greek and Latin derivations of generic names, glossary, and references. Illustrated. A valuable source book for use by environmental biologists and others interested in aquatic biology; 119 pages, 5 1/2 x 8 1/2, MRP, 1979.

Introduction to Freshwater Algae

by Allan Pentecost
At last a book which bridges the gap between the small handbook and the technical work on identification. It contains keys and drawings of nearly 500 species of algae, selected to include a wide range of the most common species in the British Isles; 247 pages, 5 1/2 x 8 1/2, Richmond, 1984.

A Field Key to the British Red Seaweeds

by S. Hiscock
A companion to the preceding book, 1985

Seaweed Ecology and Physiology

by Christopher S. Lobban and Paul J. Harrison
A rewritten and reorganized edition of the 1985 book. This book contains a new introductory chapter reviewing seaweed morphology, cytology, life histories, and an expanded treatment of tropical seaweeds. The final chapter on mariculture is much larger, and includes a case study on how principles of physiological ecology were applied in developing the carrageenan industry. It also contains an appendix summarizing the taxonomic position and nomenclature of the species mentioned in the book; 380 pages, 28 halftones, 172 line drawings, 38 tables, paper, Cambridge University Press, 1996.