



Marine Botany

Clinton J. Dawes

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The most respected reference in the field--and a fascinating tour of the world's largest underwater greenhouse

MARINE BOTANY

Second Edition

Unmatched in detail and breadth, this Second Edition of Marine Botany explores the startling diversity and environmental dynamics of the hundreds of micro- and macroalgae, seagrasses, mangroves, and salt marshes as well as phytoplankton (minute, free-floating photosynthetic plants) and benthic communities (attached plants) that comprise the flourishing botanical garden submerged in and around the surface of our vast oceans.

Reflecting the latest in research since the original 1981 edition, long considered the classic reference on marine plant life, this new edition's enhanced ecological perspective details the ongoing environmental challenges endured by these fragile life-forms. Viewing the structure and function of marine plant communities in the context of abiotic (light, temperature, water movement, nutrients), biotic (photosynthesis, carbon fixation, competition, predation, symbiosis), and anthropogenic influences, the book moves layer by layer through the ocean, capturing their photosynthetic and adaptive mechanisms. Pollution in the form of oil spills, heavy and radioactive metals, biological damage wrought from harvesting and aquaculture, and the harmful effects of ozone depletion and UV-B rays are detailed, along with the impact of environmental factors on morphological and anatomical adaptations. The book also describes the anthropogenic stresses endured by salt marshes, mangals, seagrass communities, and marine plants of coral reefs, concluding with possible management and restorative techniques.

Marine Botany, Second Edition is both a vivid global map and comprehensive guide to all of the flourishing forms of plant life at our oceans' surface, shores, and depths and the dynamics of their survival.



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Joseph Woodruff:

Here thing why that Marine Botany are different and trusted to be yours. First of all reading a book is good however it depends in the content from it which is the content is as scrumptious as food or not. Marine Botany giving you information deeper including different ways, you can find any publication out there but there is no publication that similar with Marine Botany. It gives you thrill reading journey, its open up your own personal eyes about the thing in which happened in the world which is possibly can be happened around you. You can bring everywhere like in park, café, or even in your technique home by train. Should you be having difficulties in bringing the paper book maybe the form of Marine Botany in e-book can be your alternate.

Ralph Dell:

A lot of people always spent their own free time to vacation or go to the outside with them family or their friend. Were you aware? Many a lot of people spent they will free time just watching TV, or maybe playing video games all day long. In order to try to find a new activity that's look different you can read the book. It is really fun in your case. If you enjoy the book that you simply read you can spent 24 hours a day to reading a guide. The book Marine Botany it is extremely good to read. There are a lot of individuals who recommended this book. These were enjoying reading this book. In the event you did not have enough space to develop this book you can buy the particular e-book. You can m0ore effortlessly to read this book out of your smart phone. The price is not to cover but this book possesses high quality.

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