

Preface to the Second Edition

In the interim since the publication of the first edition of this book, a number of other phycological texts in English and other languages have become available. As one would expect, because of differences in the interests and competences of the several authors, these books have been written with different emphases (e.g., electron microscopy, ecology and/or the "applied" aspects of phycology, etc.). In this second edition, we have again emphasized the algae themselves, especially their structure and reproduction. However, other aspects of the biology of algae have not been entirely neglected, as reading of the text will confirm. The excellent volumes edited by Rosowski and Parker (1971, 1982) are of immeasurable value as supplements to any textbook of phycology.

Once again, we have attempted to incorporate references to the relevant literature published since the first edition went to press, but we make no claim to comprehensive coverage. The appendix on algal cultivation of the first edition has been omitted; the information is readily available elsewhere, and thus space became available for the inclusion of new material. A number of new illustrations have been added, as well as accounts of some important genera such as *Prochloron*.

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Harold C. Bold
Michael J. Wynne