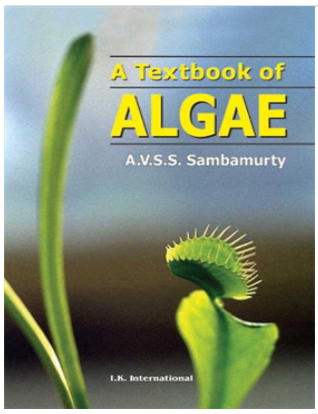
Book Information Sheet



A Textbook of Algae, 1/e

A.V.S.S. Sambamurty

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About the Book

A TEXTBOOK OF ALGAE to the students of Botany pursuing B.Sc.(Gen.) B.Sc. (Hons), M.Sc. and related fields like Medical Botany, Pharmacy, Agricultural Botany and Horticulture.

The book is amply illustrated with examples and includes several general topics like structure and reproduction of algae, lifecycles, chemical constituents, ecology of algae, economic importance of algae, etc. Type study has been given class-wise, for instance Chlorophyceae, Xanthophyceae, Bacillariphyceae, Phaeophyceae, Rhodophyceae and Myxophyceae.

Several techniques in algae, glossary of algae terms and life cycles of different algae are included in the appendices.

Salient Features

- Discusses the important algal forms from their structure, reproduction, life cycle, and evolutionary tendencies.
- Coverage of commercial cultivation of algae and their economic importance are the special highlights of the book.
- Text is well supported with diagrams and examples.
- Life cycles of Algae, techniques in Algae, and a glossary of Algae are provided in the appendices.

Table of Contents

- Classification of Algae
- Habitat and Habit of Algae (Ecology of Algae)
- Commercial Cultivation of Algae
- Chemical Constituents of Seaweeds
- Economic Importance of Algae and Chemical Constituents of Algae
- Cytology and Ultrastructure of Algae
- Thallus Organization
- Life Cycles : Phylogeny Sexuality
- Class Chlorophyceae : General Characters and Type Study
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- Appendix 1: Life Cycles of Algae
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About the Author

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