

Freshwater Algae of North America

Ecology and Classification

Second Edition

Edited by
John D. Wehr, Robert G. Sheath,
and J. Patrick Kociolek

A practical guide to the genera of freshwater algae in North America

- Covers every genus of freshwater algae known in North America with an analytical dichotomous key, descriptions of diagnostic features, and at least one image of every genus
- Includes updated environmental issues and classifications, including new information on harmful algal blooms (HAB)
- Fully revised introductory chapters, including new topics on biodiversity and taste and odor problems
- Updated to reflect the rapid advances in algal classification and taxonomy due to the widespread use of DNA technologies

Freshwater Algae of North America: Ecology and Classification, Second Edition, is an authoritative and practical treatise on the classification, biodiversity, and ecology of all known genera of freshwater algae from North America. The book provides essential taxonomic and ecological information about one of the most diverse and ubiquitous groups of organisms on earth.

This updated edition brings together experts on all the groups of algae that occur in fresh waters, soils, snow, and extreme inland environments to provide up-to-date information on the classification, ecology, and biogeography of many groups of algae with the use of molecular techniques and renewed interest in biological diversity. Providing updated classification information of most algal groups and the reassignment of many genera and species, as well as new research on harmful algal blooms, *Freshwater Algae of North America* combines the necessary ecological, taxonomic, and methodological information for all scientists working in aquatic environments, whether their specialty is in environmental monitoring and water quality assessment, biodiversity surveys, ecology, evolution, or molecular biology.

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