

# Algal Ecology: Freshwater Benthic Ecosystems

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Algae are an important component of aquatic benthic ecosystems because they reflect the health of their environment through their density, abundance, and diversity. This comprehensive and authoritative text is divided into three sections to offer complete coverage of the discussion in this field. The first section introduces the locations of benthic algae in different ecosystems, like streams, large rivers, lakes, and other aquatic habitats. The second section is devoted to the various factors, both biotic and abiotic, that affect benthic freshwater algae. The final section of the book focuses on the role played by algae in a variety of complex freshwater ecosystems. As concern over environmental health escalates, the keystone and pivotal role played by algae is becoming more apparent. This volume in the Aquatic Ecology Series represents an important compilation of the latest research on the crucial niche occupied by algae in aquatic ecosystems. It presents algae as the important player in relation to environmental health. It is prepared by leading authorities in the field. It includes comprehensive treatment of the functions of benthic algae as well as the factors that affect these important aquatic organisms. It acts as an important reference for anyone interested in understanding and managing freshwater ecosystems. EAN/ISBN : 9780080526942 Publisher(s): Elsevier Science & Technology, Academic Press Format: ePub/PDF Author(s): Stevenson, James H. R. Jan - Bothwell Max L. - Lowe Rex L.

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