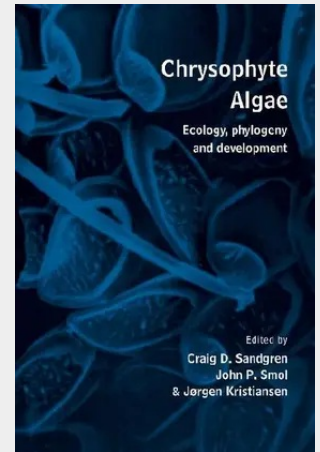


Chrysophyte Algae

Ecology, Phylogeny and Development

Research activity involving algae in the classes Chrysophyceae and Synurophyceae ('chrysophytes') has increased dramatically over the last decade. These beautiful and delicate organisms are pivotal for studies of protistan evolution, food web dynamics in oligotrophic freshwater ecosystems, and for the assessment of environmental degradation resulting from eutrophication and acid rain. They also represent excellent model cellular systems for studying processes inherent in basic metabolism, biomineralization, endo- and exo-cytosis and macro-assembly of cell surface layers. This book gives a broad overview of current research, emphasizing the phylogeny, ecology and development of these organisms. Each chapter also contains reviews of the literature, and presents ideas for future research. Phycologists, palaeoecologists, limnologists and plankton ecologists will find this a mine of invaluable information.

Research activity involving algae in the classes Chrysophyceae and Synurophyceae ('chrysophytes') has increased dramatically over the last decade. These beautiful and delicate organisms are pivotal for studies of protistan evolution, food web dynamics in oligotrophic freshwater ecosystems, and for the assessment of environmental degradation resulting from eutrophication and acid rain. They also represent excellent model cellular systems for studying processes inherent in basic metabolism, biomineralization, endo- and exo-cytosis and macro-assembly of cell surface layers. This book gives a broad overview of current research, emphasizing the phylogeny, ecology and development of these organisms. Each chapter also contains reviews of the literature, and presents ideas for future research. Phycologists, palaeoecologists, limnologists and plankton ecologists will find this a mine of invaluable information.



173,80 €

173,80 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780521462600

Medium: Buch

ISBN: 978-0-521-46260-0

Verlag: Cambridge University Press

Erscheinungstermin: 31.03.2008

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2008

Produktform: Gebunden

Gewicht: 823 g

Seiten: 413

Format (B x H): 157 x 235 mm

