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ISBN	3-030-83970-2
Descrizione fisica	1 online resource (xii, 338 pages)
Soggetti	Red algae Freshwater algae Rodòfits Microbiologia d'aigua dolça Filogènia (Botànica) Biogeografia Llibres electrònics
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. History of freshwater red algal studies -- Taxonomic diversity and phylogeny -- Biogeographic trends -- Collection of freshwater red algae -- Scope and organization of this book -- 2. Subphylum Cyanidiophytina -- Class Cyanidiophyceae -- Subphylum Proteorhodophytina -- Classes Compsopogonophyceae, Porphyridiophyceae, Rhodellophyceae, and Stylonematophyceae -- 3. Subphylum Eurhodophytina, Classes Bangiophyceae and Florideophyceae -- Subclasses Corallinophycidae, Hildenbrandiophycidae, and Rhodymeniophycidae -- 4. Subphylum Eurodophytina -- Class Florideophyceae -- Subclass Nemaliophycidae -- Orders Acrochaetilates, Balbianiales, and Thoreales -- 5. Subphylum Eurhodophytina -- Class Florideophyceae -- Subclass Nemaophycidae -- Order Batrachospermales -- Appendix: recent articles that could not be included in this book -- Index.
Sommario/riassunto	This book presents the phylogeny, taxonomy and biogeography of freshwater red algae. Its content is divided into five chapters. The first

chapter provides a brief history of freshwater red algal research, habits and collecting methods, general biogeographic trends and an overview of the taxonomic/phylogenetic placement of freshwater taxa. The other four chapters are taxonomic treatments of non-marine red algae based on taxonomic levels, i.e. classes within the phylum Rhodophyta, orders within each class, families within each order, and genera within each family. Descriptions, phylogenetic data (including numerous trees), geographic range (maps for most species) and dichotomous keys for identification are presented. Comprehensive data are provided for more than 220 species.
