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Titolo	An Introduction to Phytoplanktons: Diversity and Ecology [[electronic resource] /] / by Ruma Pal, Avik Kumar Choudhury
Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2014
ISBN	81-322-1838-8
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Descrizione fisica	1 online resource (175 p.)
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. A Brief Introduction to Phytoplanktons -- 2. Physico- Chemical Environment of Aquatic Ecosystem -- 3. Phytoplanktons and Primary Productivity -- 4. Community Pattern Analysis -- 5. Case Study -- 6. Glossary -- 7. Bibliography.
Sommario/riassunto	The book , ‘An Introduction to Phytoplanktons - Diversity and Ecology’ is very useful as it covers wide aspects of phytoplankton study including the general idea about cyanobacteria and algal kingdom. It contains different topics related to very basic idea of phytoplanktons such as, types ,taxonomic description and the key for identification etc. Together with it, very modern aspects of phytoplankton study including different methodologies needed for research students of botany, ecology, limnology and environmental

biology are also included. The first chapter is very basic and informative and describes algal and phytoplankton classification, algal pigments, algal bloom and their control, algal toxins, wetlands algae, ecological significance of phytoplanktons etc. A general key for identification of common phytoplankton genera is also included for students who will be able to identify these genera based on the light microscopic characters. In Chapters 2-4, different aspects of phytoplankton research like primary productivity, community pattern analysis and their ecological parameter analysis have been discussed with detailed procedures. Statistical analysis is also discussed in detail. Chapter 5 includes case studies related to review, phytoplankton diversity and dynamics.