



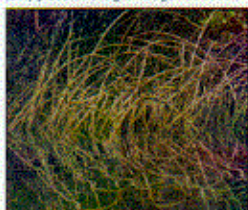
Coral Reef - Bahia, Brazil



Chapada Diamantina, Brazil



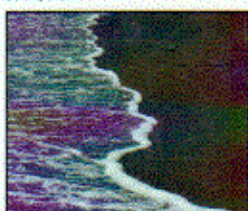
Lagoa Amélia, São Tomé and Príncipe, Africa
(only place where giant begonias occur)



Melanza river mangrove - Obo National Park -
São Tomé and Príncipe, Africa



red-colored river, Chapada de Diamantina
Bahia, Brazil



Black sand beach, São Tomé and Príncipe, Africa

Molecular Diversity of ENVIRONMENTAL PROKARYOTES

Molecular Diversity of Environmental Prokaryotes correlates the vast genetic diversity associated with environmental samples and still underexploited potential for the development of biotechnology products.

This book points out the potential of different types of environmental samples. It presents the main characteristics of microbial diversity, the main approaches used for molecular characterization of the diversity, and practical examples of application of the exploration of the microbial diversity.

It presents a not-yet-explored structure for discussing the main topics related to molecular biology of environmental prokaryotes and their biotechnological applications.

Features

- Presents an overview of the impact of advances in the frontline molecular techniques applied to explore the extent of genetic diversity of environmental microbial communities
- Correlates the vast genetic diversity associated with environmental samples and underexploited potential for the development of biotechnology products
- Demonstrates practical examples of application of the exploration of the microbial diversity

Cover design by Pedro Logan



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