



Marine Microbial Ecology

By D.R. Khanna

Discovery Publishing House Pvt. Ltd., 2010. Hardcover. Book Condition: New. Modern Marine microbial Ecology can be considered to have started in the 1970s, when it was shown that most respiration in the Oceans was in the Bacterial size Fractions and that Bacteria are very abundant. Before that time, microbes were not even considered in the ecology of the oceans. Now-a-days, however, marine microorganisms are known to be responsible for half of the total primary production on the planet, and the 1030 microbial Cells present in the oceans Account for more than 95% of the total respiration. The change of perspective, therefore, has been spectacular. The microbial habitat describes as the Physical location and type of Environment in which a Population of microorganisms lives. Hence, this Research group studies the physical, chemical, geological hydrological and Biological characteristics of distinct microbial habitats. The goal of our research is to understanding structure and change of microbial ecosystems, the Formation of niches for microbial populations and to investigate Environmental dynamics and their Consequences on the occurrence, Biodiversity and distribution of microbial populations. The uniting Topics to all researchers in the group is to obtain. Table of Contents Introduction Seawater Marine Microbes Marine Viruses Marine...



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