COMPARISON OF MEDITERRANEAN AND CARIBBEAN BENTHIONIC BIOLOGICAL SYSTEMS

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Purpose: (1) Study the ocean-floor behavior of two current-oriented plankton nets; compare samples every 6 hours. (2) Study growth of different species of Caulerpale (algae) and the increase of thalles by first making 12 plantings in 1-m² areas and then harvesting one planting per month. (3) Measure the oxygen consumption and production on a selected area to study the metabolism rate of certain species and subsystems.

Participants: Prof. Raymond Vaissiere, Principal Investigation—University of Nice (France), Dr. Alexandre Meinesy, Dr. Claude Falconetti, and Dr. Daniel Bay—University of Liege (Belgium)

Accomplishments: The investigators are still analyzing their results, which are expected to be published in mid-1979.