MARINE BENTHIC COMMUNITIES FROM MESA DEL MAR (TACORONTE, TENERIFE, CANARY ISLANDS)



Ó. Monterroso^{*1}, M. Rodríguez¹, M.C. Gil-Rodríguez², R. Riera¹, Ó. Pérez¹ & E. Ramos¹

¹Atlantic Environmental Research Center (CIMA SL), C/Arzobispo Elias Yanes, 44, 38206 La Laguna, Tenerife, Canary Islands, Spain ²Departamento de Biología Vegetal, University of La Laguna, 38071 La Laguna, Tenerife, Canary Islands, Spain *corresponding author: oscar@cimacanarias.com



1.INTRODUCTION

The bionomic cartography is one of the most useful tools that can be used in the integration of marine coastal areas. The information given by these kind of cartographies is essential in order to have reliable information of the eulitoral and sublitoral marine communities (fauna and flora), and to identify antrophogenic and natural pressures (e.g. pipelines, desalination, harbours, aquaculture, farms, among others).



2. MATERIAL AND METHODS

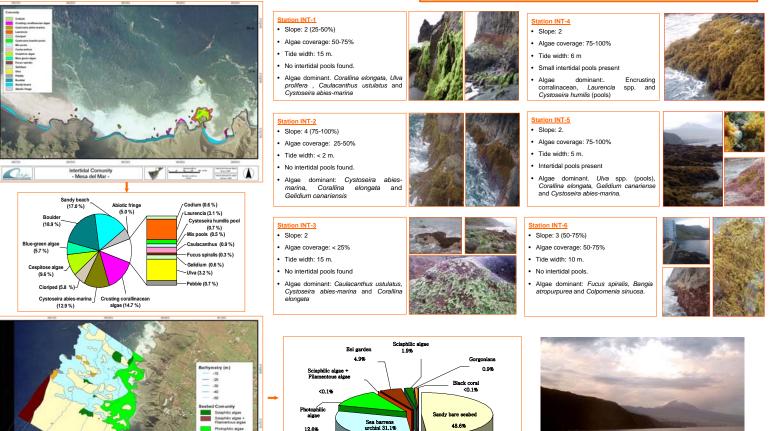
- A bionomic cartography was done from the protected area "Paisaje protegido de la Costa de Acentejo" during January and February 2008.
- The methodology consisted of marine video georreference transects that provide data about seabed community and habitat structure, as well as, marine benthic communities.
- In order to complete the study, a series of dives were done to identify and collect flora and fauna specimens.
- In the intertidal, a visual journey by foot was carried out and six stations were selected to be representative of the marine communities present in this area.
- Geomorphological and biological data (coverage and frequency) of the conspicuous species were collected using a 50 x 50 cm quadrat and a tape measure.











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