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Scientific Abstract book
program Excursion guide

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Review of the marine phycological studies in the Macaronesian Archipelagos

Ana Melo Azevedo Neto ^{1,2*}, Assunción Viera ³ & Ricardo Haroun ³

¹ Grupo de Biologia Marinha & CIRM, Departamento Biologia, Universidade dos Açores, 9501-801 Ponta Delgada, Açores, Portugal (aneto@uac.pt)

² Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR), Laboratório de Investigação Aquática Insular (LAIR), Rua dos Bragas 289, 4050-123 Porto, Portugal (aneto@uac.pt)

³ Centro de Biodiversidad y Gestión Ambiental, Facultad Ciencias del Mar, Universidad de Las Palmas de Gran Canaria, 35017 Las Palmas, Spain

A synthetic overview of the marine phycological research done in the Macaronesian archipelagos in the last decades is provided highlighting some of the most important findings. Starting with an overview of the historical knowledge of the algal flora of each archipelago, this study spans over: (i) the taxonomic and phylogenetic context of the algal flora and its biogeographic affinities; (ii) the structure and dynamics of the most conspicuous macroalgal communities with emphasis to the macroalgal/herbivore interactions; (iii) the uses and biotechnological potential of macroalgae; and (iv) the uses of marine algae as bio-indicators of water quality. Avenues for future phycological research in the Macaronesia are also emphasized taking into consideration the geographic settings of the different archipelagos.

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Neto, A.I.^{1,2*}, Viera, A³ & Haroun, R.³

¹ Centro Interdisciplinar de Investigação Marinha e Ambiental (CIIMAR), Laboratório de Investigação Aquática Insular (LAIR), Rua dos Bragas 289, 4050-123 Porto

² Grupo de Biologia Marinha & CIRN, Departamento Biologia, Universidade dos Açores, 9501-801 Ponta Delgada, Açores, Portugal

³ Centro de Biodiversidad y Gestión Ambiental, Facultad Ciencias del Mar, Universidad de Las Palmas de Gran Canaria, 35017 Las Palmas, Spain



Email: aneto@uac.pt