

Distribution of benthic marine habitats in Dominica, Lesser Antilles.
Steiner SCC & Willette DA (2009)

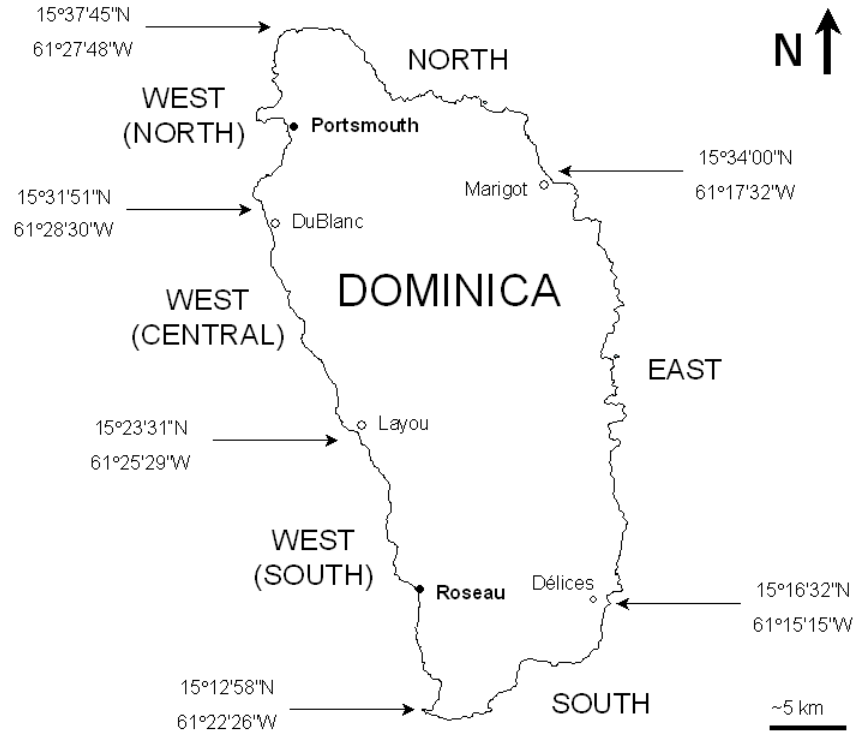


Figure 1 Delineation of survey regions in Dominica into North from Carib Point to Melville Hall River, East from Melville Hall River to Délices (Mulatre River), South from Délices (Mulatre River) to Scott's Head, West (South) from Scott's Head to Layou River, West (Central) from Layou River to Espagnol River, and West (North) from Espagnol River to Carib Point.

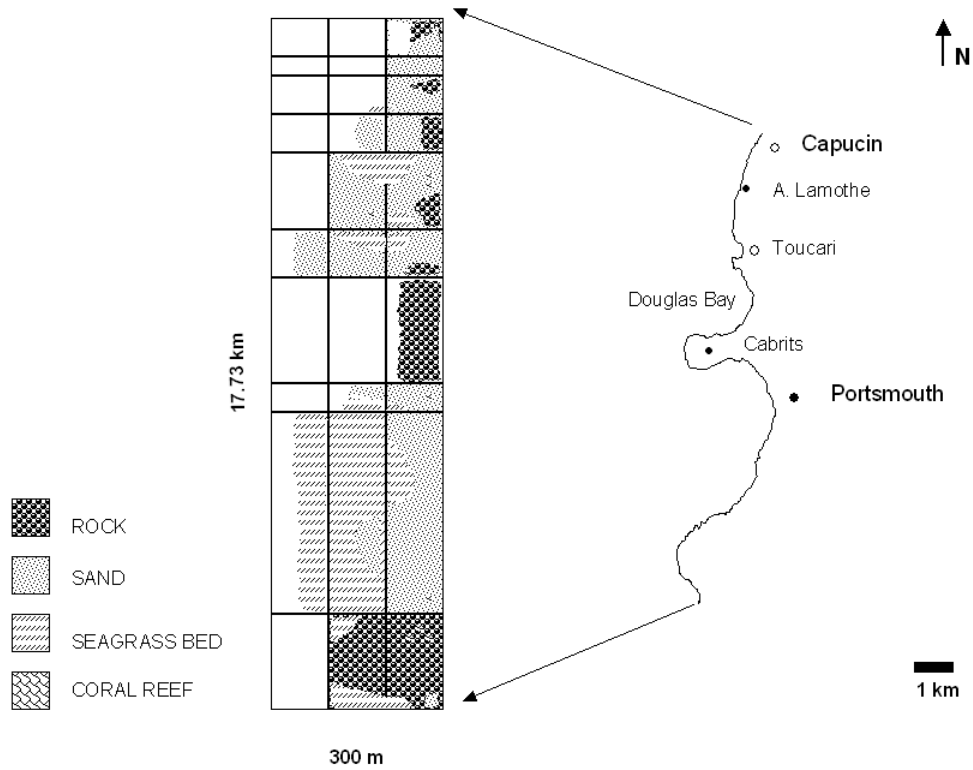


Figure 2a Distribution of habitat types in the region West (South), within survey sections. Horizontal lines within the habitat map (band) delineate the northern and southern boundaries of individual survey sites. Names and coordinates of individual sites for figures 2a – 2g, including the benthic cover data of habitat types are listed in an appendix posted at www.itme.org/data.htm. Blank areas remain unsurveyed.

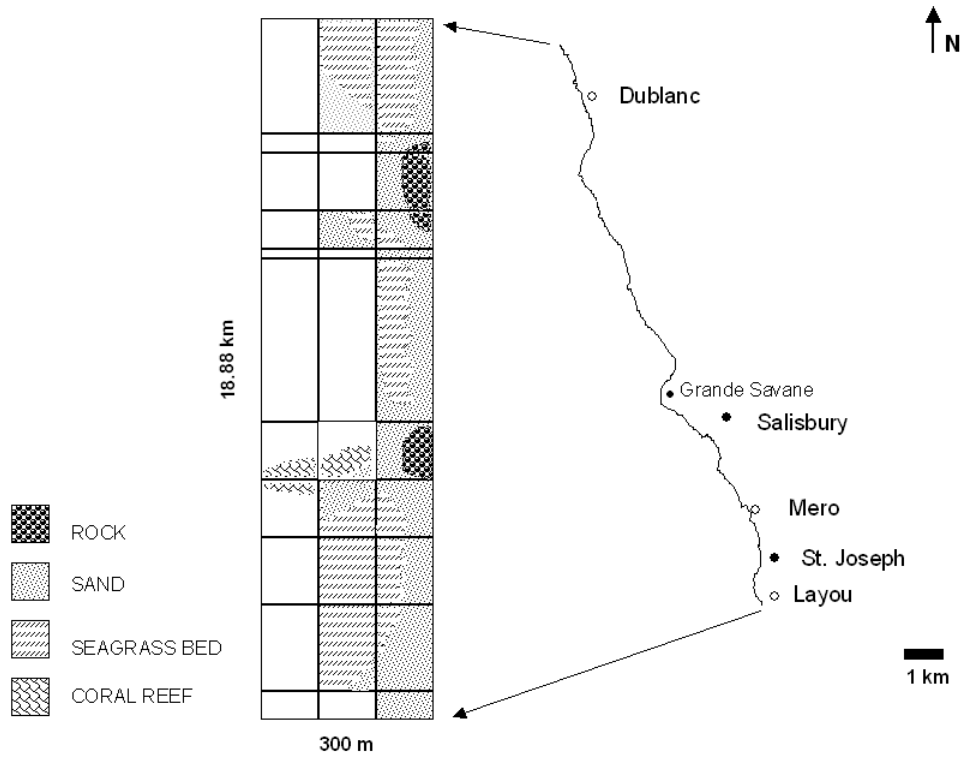


Figure 2b Distribution of habitat types in the region West (Central).

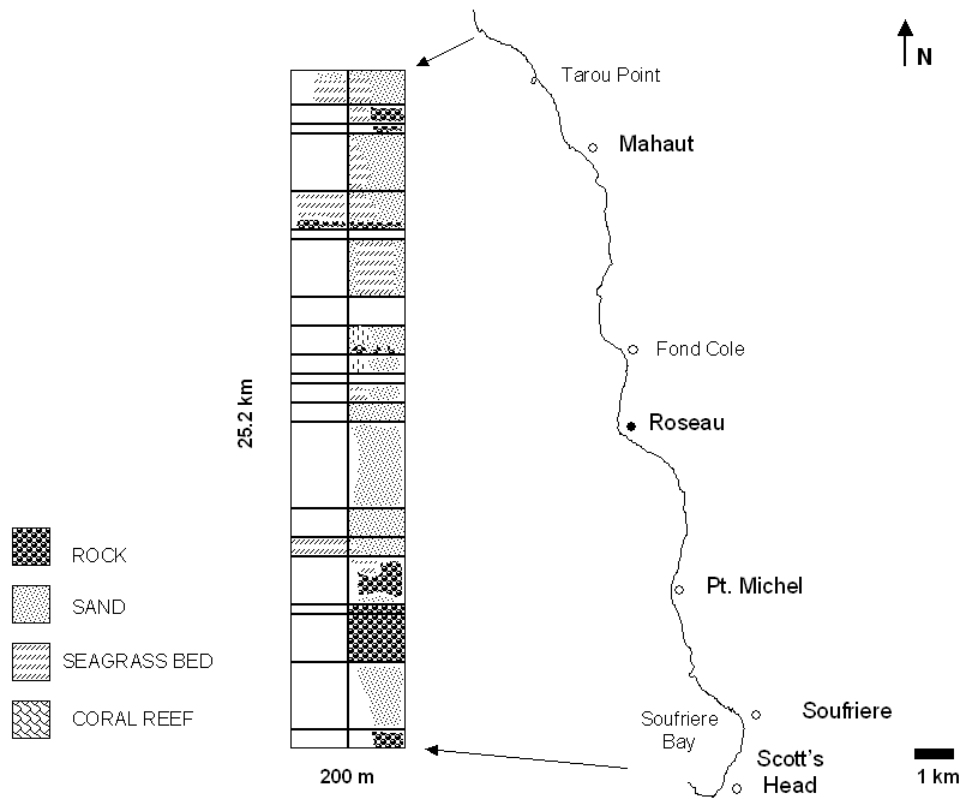


Figure 2c Distribution of habitat types in the region West (South).

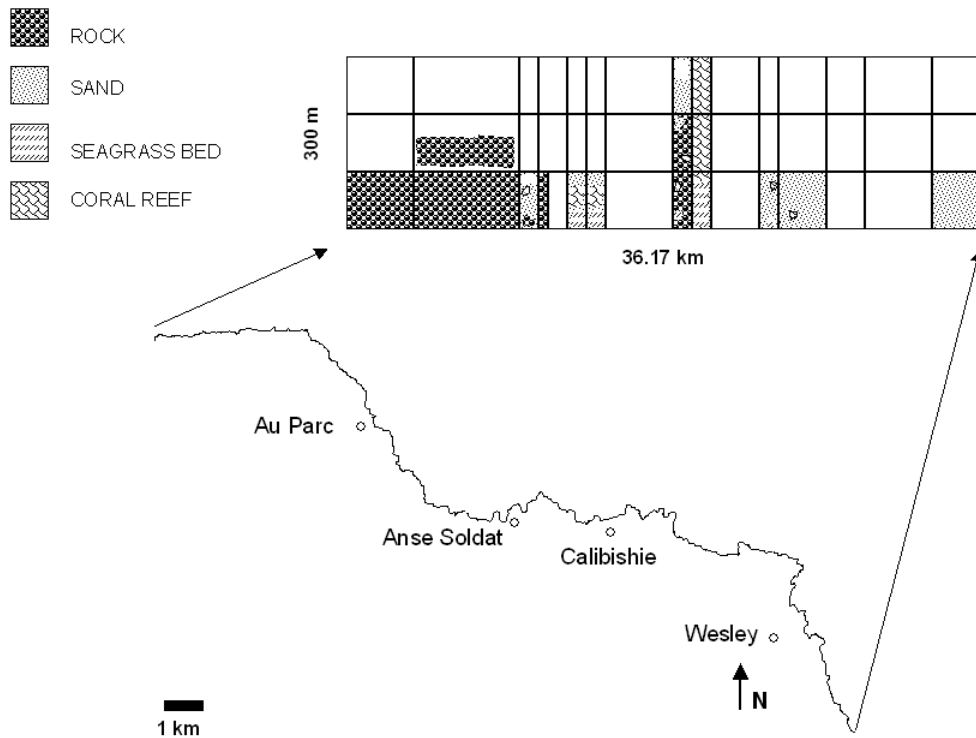


Figure 2d Distribution of habitat types in the region North. Vertical lines within the habitat map (band) delineate the eastern and western boundaries of individual survey sites. Blank sections remain unsurveyed.

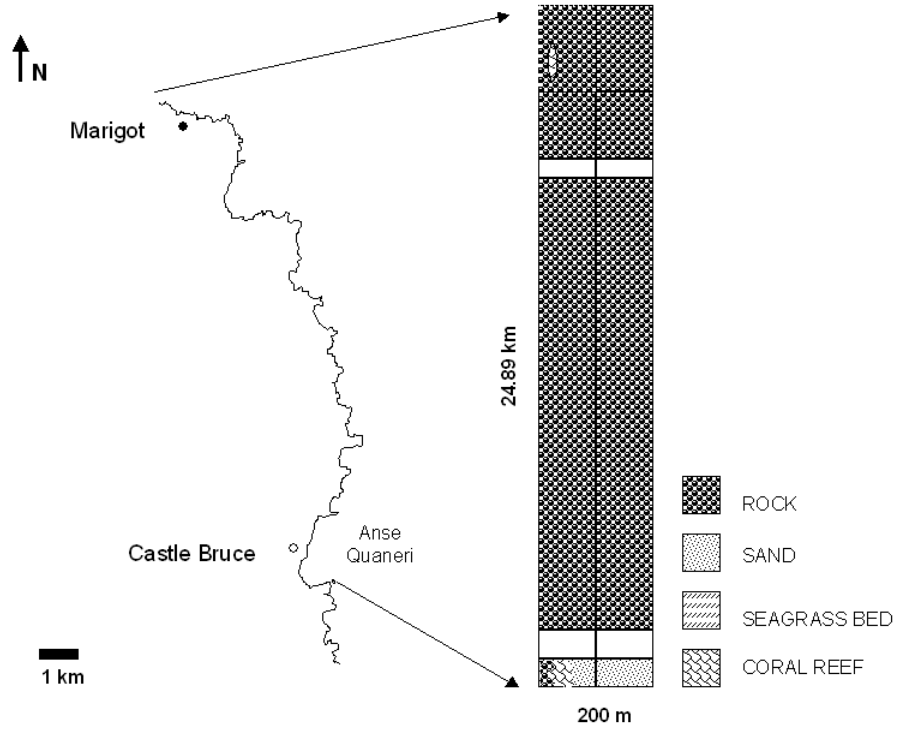


Figure 2e Distribution of habitat types in the region East between Melville Hall and Anse Quaneri Island.

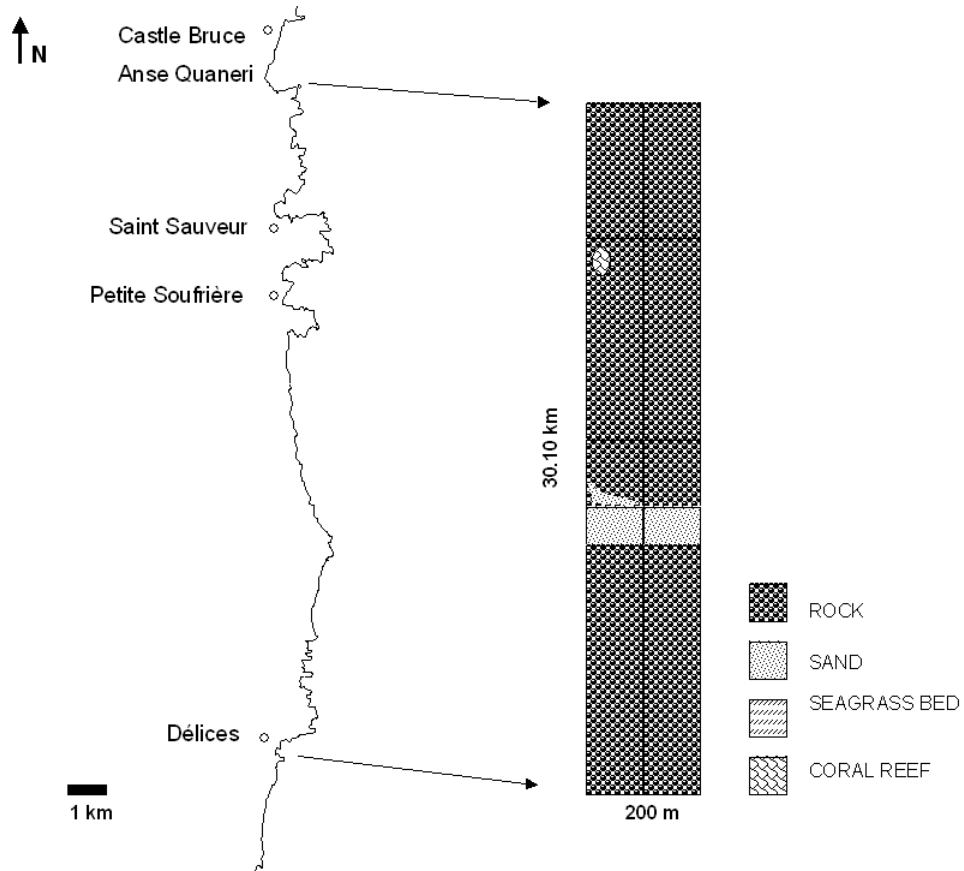


Figure 2f Distribution of habitat types in the region East, between Anse Quaneri Island and Délices, Mulatre River

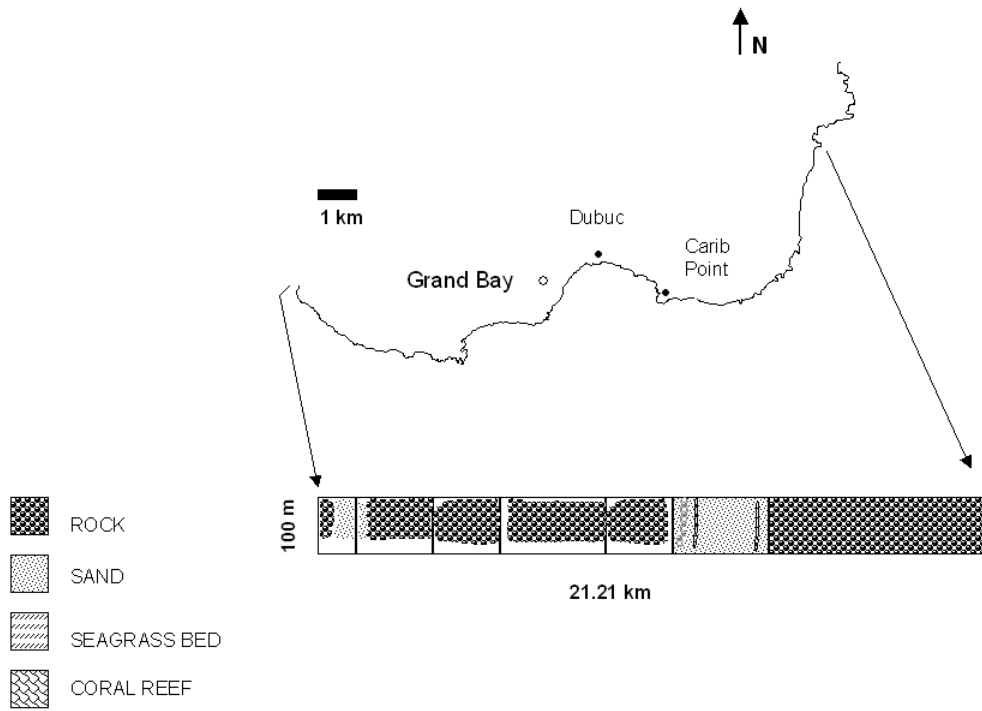


Figure 2g Distribution of habitat types in the region South.

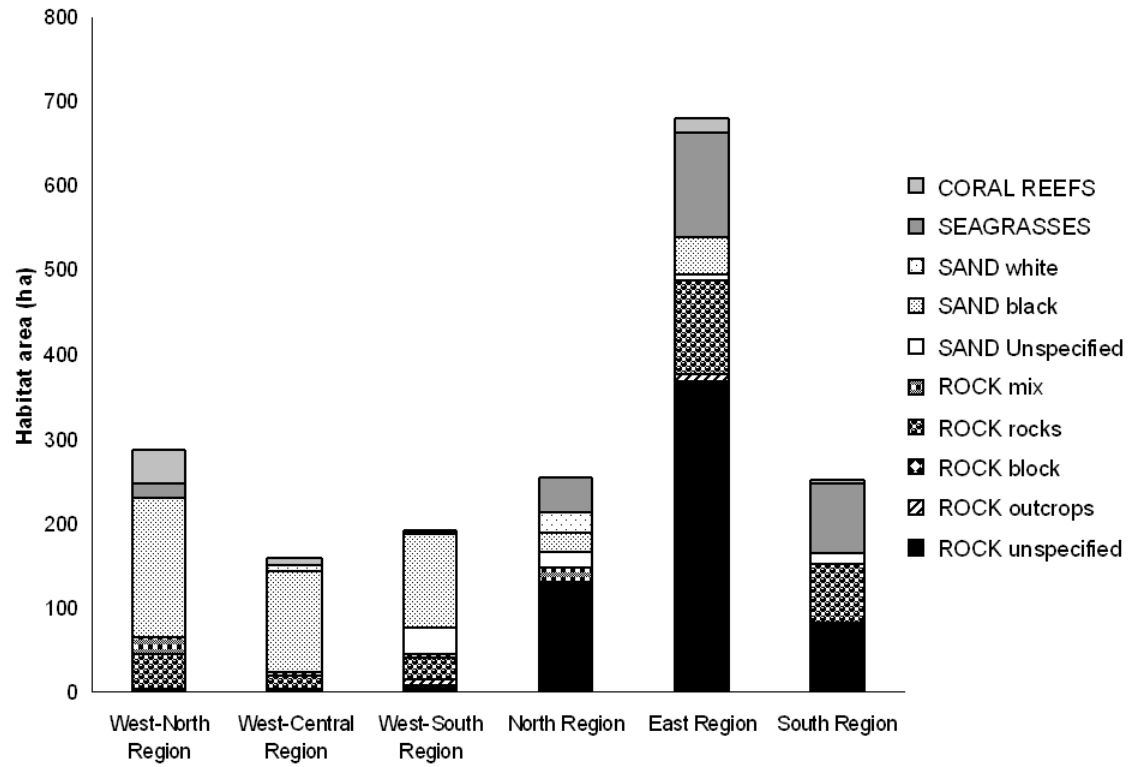


Figure 3a Benthic cover of habitat types, as defined in table 1, in hectares per region. Individual types of coral reefs and seagrasses are compiled.

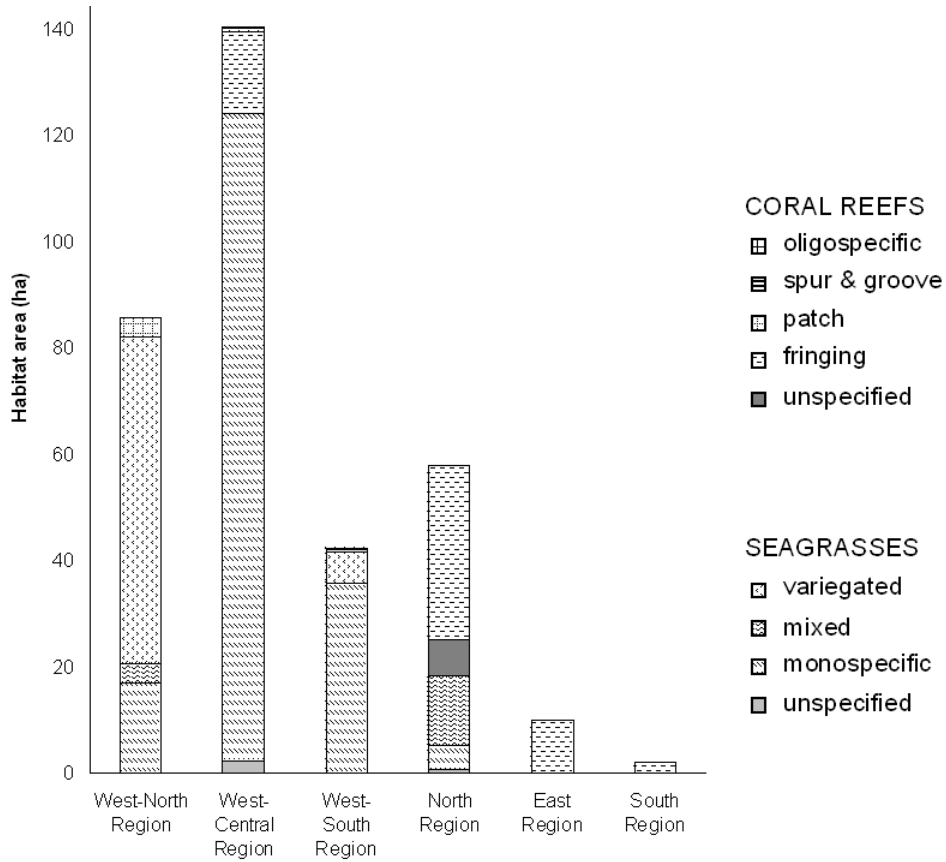


Figure 3b Benthic cover of coral reef and seagrass types, as defined in table 1, in hectares per region.

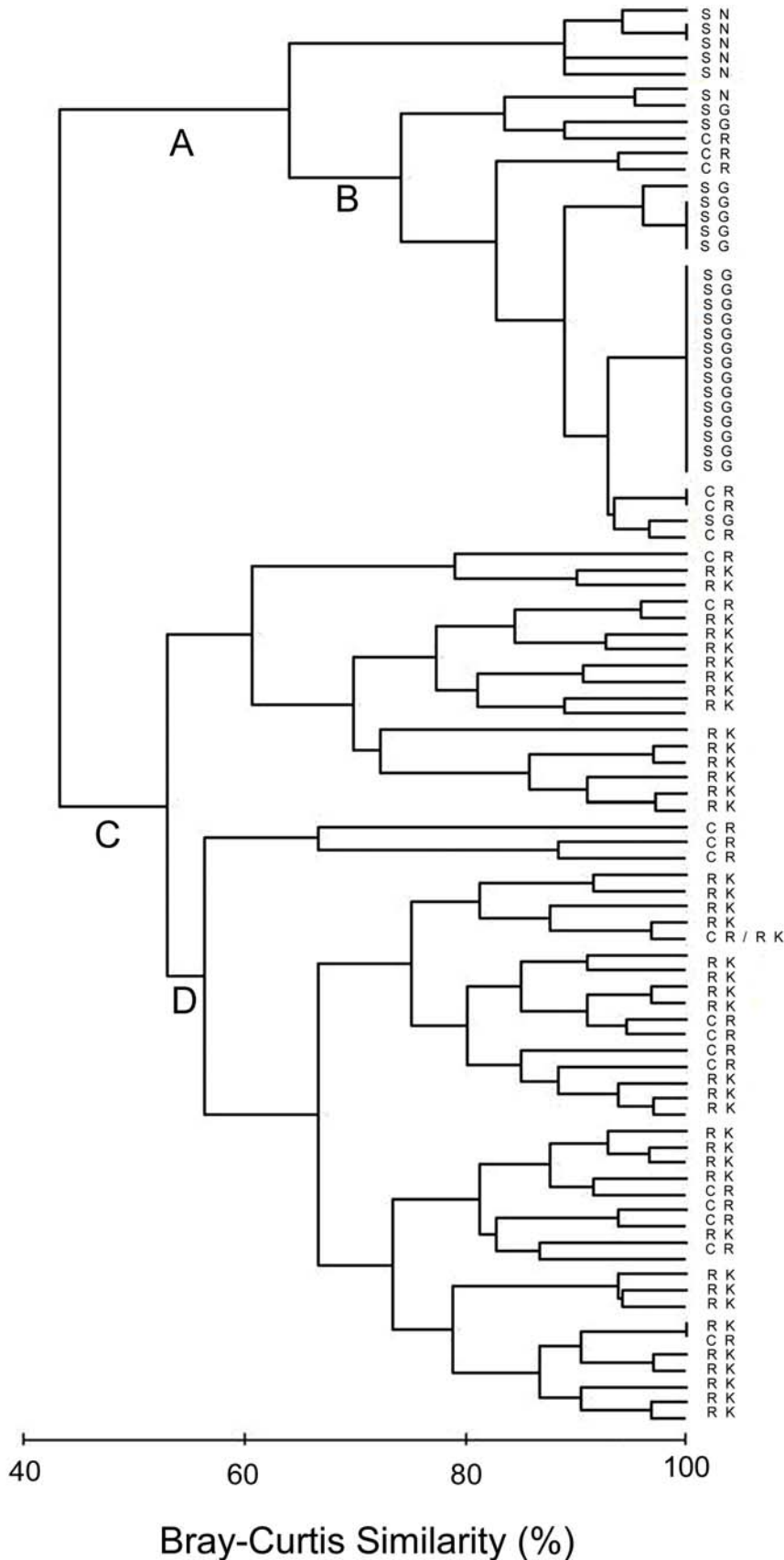


Figure 4 Similarities between rocky (RK) and sandy (SN) sites, as well as seagrassbeds (SG) and coral reefs (CR), based on benthic cover rankings of algae, sponges, hydrocorals, encrusting non-scleractinian anthozoans and scleractinians.: (A) sand dominated substrates, some with sparsely growing seagrasses, (B) all seagrass beds and all but one shallow fringing reefs with seagrasses growing on the reef flats, (C) rocky substrates and coral reefs in 5 m depth or more, of which all but one are in group D. Site coordinates can be obtained from the authors.