Caulerpa racemosa (Forsskål) J. Agardh

phylum Chlorophyta › class Bryopsidophyceae › order Bryopsidales › family Caulerpaceae



Habit.



Detail of the determinate branches

Description

Algae formed by an erect portion and a stoloniferous portion, 5-8 cm tall, grass green, attached to the substrate by rhizoids. Erect portion with pinnate determinate branches. Pinnules globose to claviform, slightly attenuate at the base, radially arranged. Internal structure made up of coenocytic filaments, with trabeculae.

Geographic and Ecological Information

Collected for the project at

• Boca de Cote
- Geographic coordinates: 11º 45' 52.3'' N, 66º 41' 57.2'' W • UTM coordinates: 750739 E, 1301544 N
Submerged reef, 18.6 m deep, moderate waves, very strong current.
- Geographic coordinates: 11º 45' 57.6'' N, 66º 42' 03.9'' W • UTM coordinates: 750533 E, 1301703 N
Sandy bottom with isolated corals and *Thalassia testudium* meadow, up to 1 m deep, very strong waves.
| total visits: 2
• Cayo Carenero
- Geographic coordinates: 11º 53' 10.4'' N, 66º 50' 38.5'' W • UTM coordinates: 734847 E, 1314883 N
Mangrove, up to 1 m deep, no waves.
• Cayo Crasquí
- Geographic coordinates: 11º 53' 54.0'' N, 66º 44' 10.1'' W • UTM coordinates: 746594 E, 1316318 N
Submerged reef, 1 m deep, moderate waves.
• Cayo Pirata
- Geographic coordinates: 11º 55' 40.2'' N, 66º 39' 16.1'' W • UTM coordinates: 755466 E, 1319655 N
Submerged coral reef, up to 1 m deep, very strong waves. *Thalassia testudium* meadow, mixed with corals, 50 cm deep, strong waves.
• Espenquí
- Geographic coordinates: 11º 53' 19.9'' N, 66º 48' 06.7'' W • UTM coordinates: 739438 E, 1315210 N
Coral platform, 60 cm deep, strong waves.
• Francisquí Arriba
- Geographic coordinates: 11º 57' 29.4'' N, 66º 38' 48.8'' W • UTM coordinates: 756262 E, 1323017 N
***Thalassia testudium* meadow, 60 cm deep, moderate waves.**
• Gran Roque
- Geographic coordinates: 11º 57' 03.0'' N, 66º 40' 11.9'' W • UTM coordinates: 753755 E, 1322185 N
Emergent rocky shore, intertidal zone, strong waves.
• Isla Larga
- Geographic coordinates: 11º 51' 29.9'' N, 66º 42' 33.5'' W • UTM coordinates: 749552 E, 1311910 N
***Thalassia testudium* meadow mixed with Porites coral, up to 1 m deep, strong current.**
- Geographic coordinates: 11º 51' 48.7'' N, 66º 43' 27.1'' W • UTM coordinates: 747925 E, 1312475 N
Sandy bottom with isolated soft corals, 16.4 m deep, no waves.
| total visits: 2
• Mosquitoquí
- Geographic coordinates: 11º 52' 13.7'' N, 66º 51' 14.1'' W • UTM coordinates: 733783 E, 1313133 N
Sandy bottom with isolated soft corals, 13.4 m deep, moderate waves.
• Noronquí Arriba
- Geographic coordinates: 11º 55' 22.4'' N, 66º 43' 57.1'' W • UTM coordinates: 746965 E, 1319035 N
Submerged reef, 60 cm deep, moderate waves.
• Sanquí
- Geographic coordinates: 11º 49' 14.7'' N, 66º 42' 34.4'' W • UTM coordinates: 749559 E, 1307756 N
***Thalassia testudium* and *Halophila sp* meadow, about 60 cm deep, moderate waves.**

Species also reported at

Vera, 1993 (Dos Mosquises). Sin especificar localización: Albornoz & Ríos (1965), Ardito & Vera (1997).

References

Albornoz, O. & N. de Ríos. 1965. Lista de Chlorophyta y Phaeophyta del Archipiélago Los Roques (Venezuela). *Lagena* 8:3-2.
» see article

Ardito, S. & B. Vera. 1997. Catálogo de las macroalgas marinas del Herbario Nacional de Venezuela (VEN). *Acta Botanica Venezuelica* 20(2):25-108.
» see article

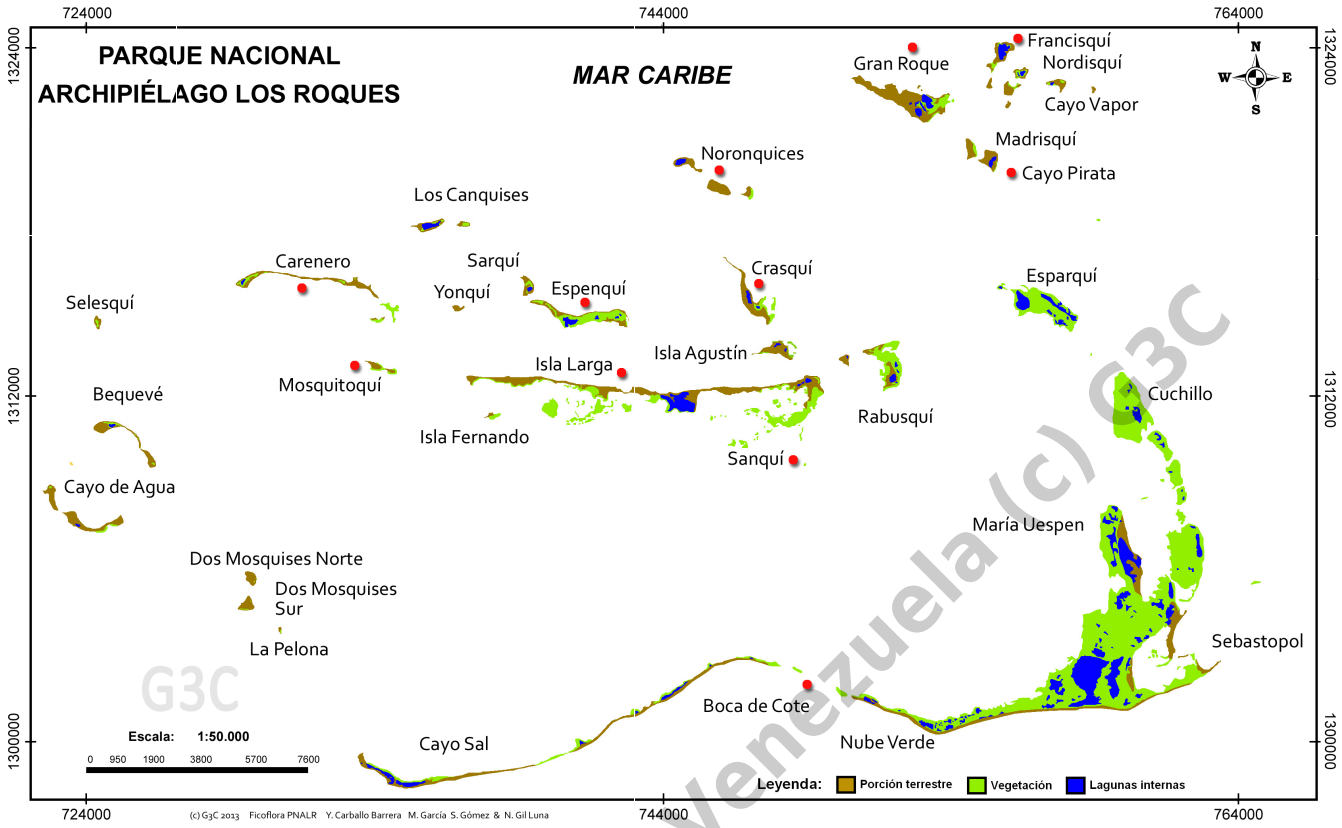
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Vera, B. 1993. Contribución al conocimiento de las macroalgas asociadas a las praderas de *Thalassia testudinum* könig. *Acta Botanica Venezuelica* 16(2-4): 19-28.
» see article

Proyecto Ficoflora Venezuela (c) G3C

Geographic distribution



Proyecto Ficoflora Venezuela (c) G3C