Caulerpa sertularioides (S. Gmelin) M.A. Howe

phylum Chlorophyta › class Bryopsidophyceae › order Bryopsidales › family Caulerpaceae

Description

Algae formed by a stoloniferous portion and an erect portion 5-11 cm tall, grass green, attached to the substrate by rhizoids. Erect portion occasionally branched, with pinnate determinate branches. Pinnules subcylindrical, curved adaxially, apex rounded. Internal structure made up of coenocytic filaments, with trabeculae.



Habit.



Detail of the pinnate determinate branches

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' 52.9'' N, 66º 41' 58.3'' W • UTM coordinates: 750704 E, 1301561 N
Sandy bottom with *Thalassia testudium* meadows, up to 1 m deep, moderate waves.
- 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: 3
• 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.
• Cayo Sal
- Geographic coordinates: 11º 46' 30.7'' N, 66º 44' 47.9'' W • UTM coordinates: 745559 E, 1302683 N
Submerged rocky shore, 1.5 m deep, moderate waves.
• Dos Mosquises Sur
- Geographic coordinates: 11º 47' 39.4'' N, 66º 53' 24.3'' W • UTM coordinates: 729903 E, 1304672 N
***Thalassia testudium* and *Syringodium filiforme* meadow, up to 60 cm deep, moderate 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.**
• Nordisquí
- Geographic coordinates: 11º 57' 12.7'' N, 66º 37' 55.9'' W • UTM coordinates: 757869 E, 1322518 N
Submerged rocky shore, up to 1 m deep, moderate waves.

Species also reported at

Sin especificar localización: Albornoz & Ríos (1965).

Proyecto Ficoflora Venezuela (c) G3C

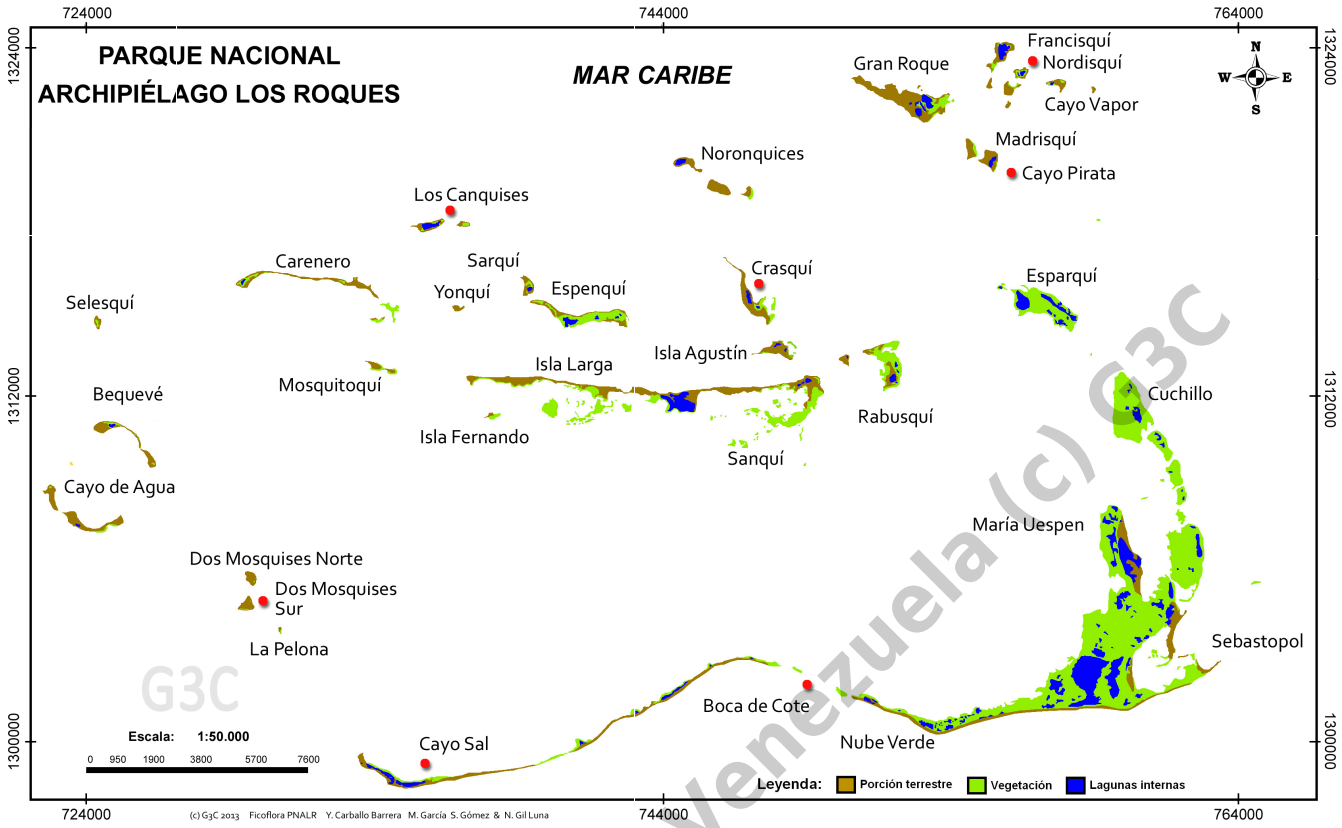
References

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

Littler, D. S. & M. M. Littler. 2000. Caribbean reef plants. An identification guide to the reef plants of the Caribbean, Bahamas, Florida and Gulf of Mexico. *OffShore Graphics, Inc. Washington,* 542 pp.

Taylor, W. R. 1960. Marine algae of the eastern tropical and subtropical coasts of the Americas. *The University of Michigan Press, Ann Arbor, Michigan,* 870 pp.

Geographic distribution



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