Caulerpa cupressoides (West) C. Agardh

phylum Chlorophyta › class Bryopsidophyceae › order Bryopsidales › family Caulerpaceae



Habit.



Detail of the branching



Detail of the determinate branches

Description

Algae formed by an erect portion and a stoloniferous portion, 8-12 cm tall, grass green, attached to the substrate by rhizoids. Erect portion branching dichotomously to irregularly. Determinate branches short, conical, curved adaxially, with acute apices, forming columns parallel to the main axis. Internal structure made up of coenocytic filaments, with trabeculae.

Geographic and Ecological Information

Collected for the project at

- **Cayo Bequevé**
  - **Geographic coordinates: 11º 50' 27.9'' N, 66º 55' 29.1'' W • UTM coordinates: 726087 E, 1309823 N**
  ***Thalassia testudium* and *Syringodium filiforme* meadow, up to 2.5 m deep, moderate waves.**
  - **Geographic coordinates: 11º 50' 33.8'' N, 66º 55' 33.6'' W • UTM coordinates: 725950 E, 1310002 N**
  Submerged rocky shore, up to 1 m deep, moderate to 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 De Agua**
  - **Geographic coordinates: 11º 49' 09.9'' N, 66º 56' 19.1'' W • UTM coordinates: 724591 E, 1307414 N**
  Sandy beach with boulders, up to 2.7 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 Vapor**
  - **Geographic coordinates: 11º 57' 10.1'' N, 66º 37' 20.0'' W • UTM coordinates: 758955 E, 1322448 N**
  Submerged rocky shore, up to 1 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 50' 47.6'' N, 66º 42' 59.2'' W • UTM coordinates: 748786 E, 1310606 N**
  Mangrove lagoon with sandy bottom, up to 1 m deep, no waves.
  - **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.**

| 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.
- **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.
- **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.
- **Rabusquí**
  - **Geographic coordinates: 11º 51' 38.9'' N, 66º 41' 26.5'' W • UTM coordinates: 751579 E, 1312204 N**
  ***Thalassia testudium* meadow with loose coral fragments, 50 cm deep, very strong 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

Ardito & Vera, 1997 (Cayo de Agua, Cayo Sal, Francisquí Arriba, María Uespen, Sebastopol); Vera, 1993 (Dos Mosquises). Sin especificar localización: Albornoz & Ríos (1965).

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

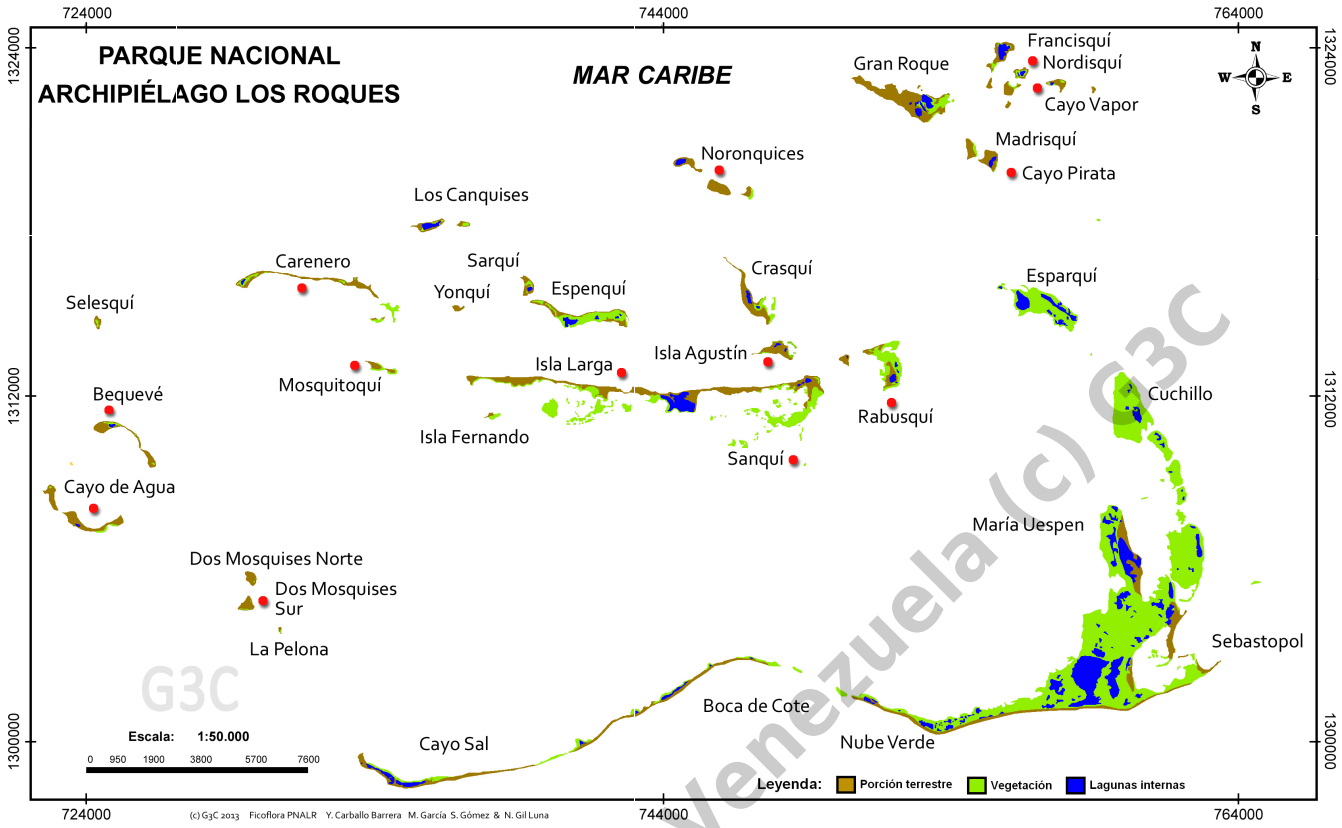
Littler, D. S. & M. M. Littler. 2000. Caribbean reef plants. An identification guide to the reef plants of the Caribbean, Bahamas, Florida and Gulf of Mexico. *OffShore Graphics, Inc. Washington,* 542 pp.

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.

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