Caulerpa mexicana Sonder ex Kützing

phylum Chlorophyta › class Bryopsidophyceae › order Bryopsidales › family Caulerpaceae

Description

Algae formed by a stoloniferous portion and an erect portion 5-15 cm tall, grass green, attached to the substrate by rhizoids. Erect portion without lateral branching, with pinnate determinate branches. Pinnules compressed, slightly attenuate at the base, curved adaxially, with attenuate apices. 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' 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.
| 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.

Species also reported at

Ardito & Vera, 1997 (Cayo Sal). Sin especificar localización: Albornoz & Ríos (1965); Gessner & Hammer (1967); Hammer & Gessner (1967).



Habit.



Habit.



Detail of the pinnules

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

Gessner. F. & L. Hammer. 1967 Die litorale algen vegetation an den kusten ost-Venezuela. *Internationale Revue der gesamten Hydrobiologie und Hydrographie.* 52:657-692.

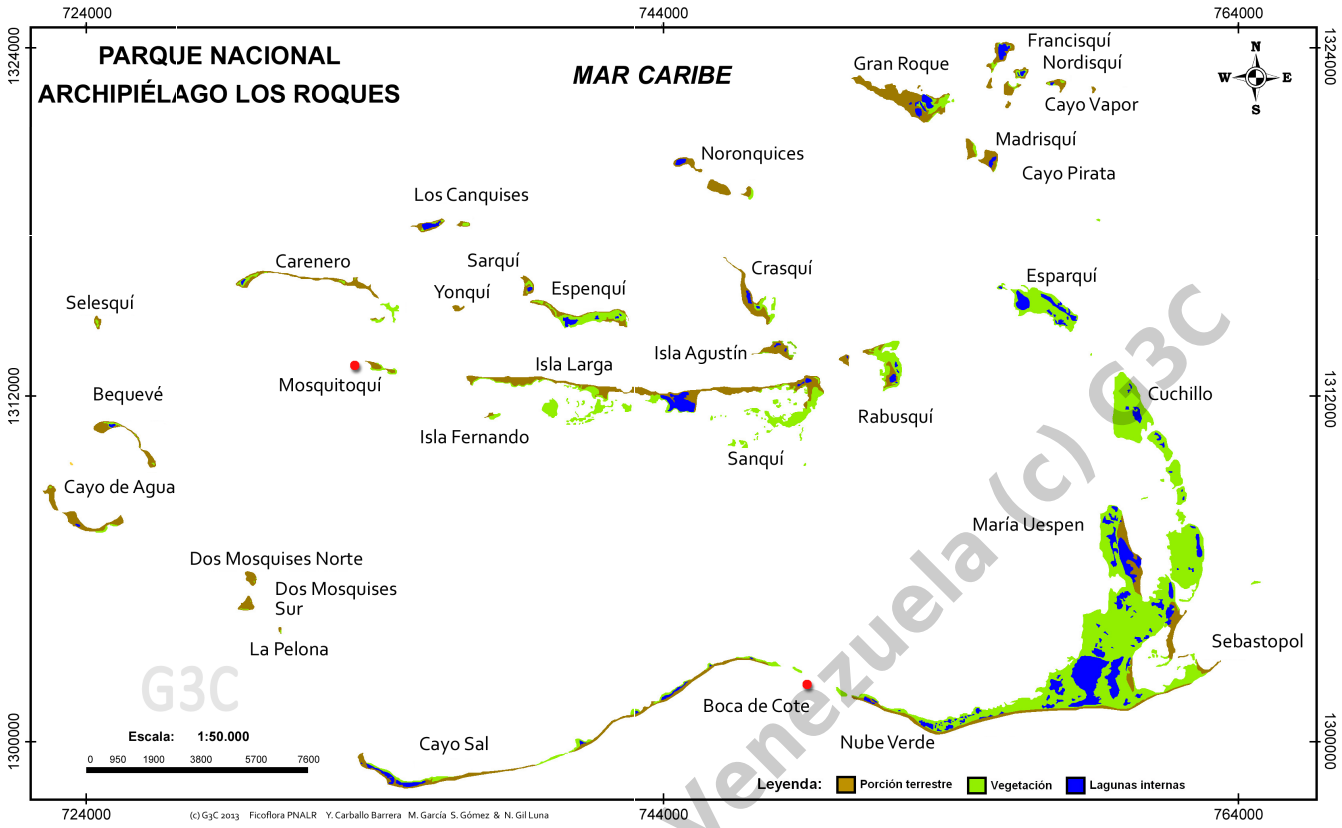
Hammer, L. & F. Gessner. 1967. La taxonomía de la vegetación marina en la costa oriental de Venezuela. *Boletín del Instituto Oceanográfico de la Universidad de Oriente, Venezuela* 6:186-265.

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.

Proyecto Ficoflora Venezuela (c) G3C

Geographic distribution



Proyecto Ficoflora Venezuela (c) G3C