Gymnogongrus tenuis J. Agardh

phylum Rhodophyta › class Florideophyceae › order Gigartinales › family Phyllophoraceae

Description

Erect, gregarious algae, fully compressed, 3-4 cm tall, purple, attached to the substrate by a common rhizoidal disc. Branching dichotomous up to 6 times from the middle part towards the apex. Angles between the upper dichotomies greater than 90°. Blades 1-2 mm wide. Margins entire, without proliferations, apex obtuse, bifurcate. Multiaxial pseudoparenchymatous structure, made up of pigmented cortical cells forming 3-5 rows, 2-5 µm in diameter, the outermost row with cylindrical cells. Medulla with colorless cells, 40-50 µm in diameter. Nemathecia verrucose, immersed in the middle part of the main axis and the branches, 780-840 µm in diameter.





Habit. Scale 3 cm

Geographic and Ecological Information

Collected for the project at

• Gran Roque

- Geographic coordinates: 11º 57' 00.1'' N, 66º 40' 59.3'' W • UTM coordinates: 752322 E, 1322083 N

Beach with moderate waves, up to 1 m deep.

Species also reported at

Gessner & Hammer, 1967 (Los Roques Morro de Peña), Hammer & Gessner, 1967 (Los Roques Morro de Peña).



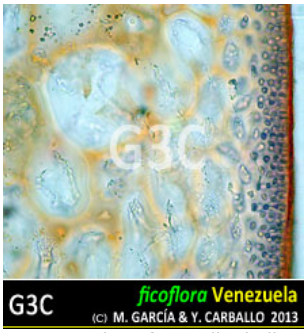
Detail of the branching

References

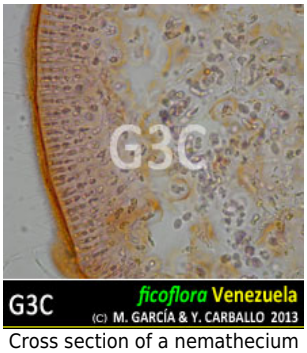
Gessner. F. & L. Hammer. 1967 Die litorale algen vegetation an den kusten ost-Venezuela. *Internationale Revue der gesamten Hydrobiologie und Hydrographie.* 52:657-692.

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.

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.



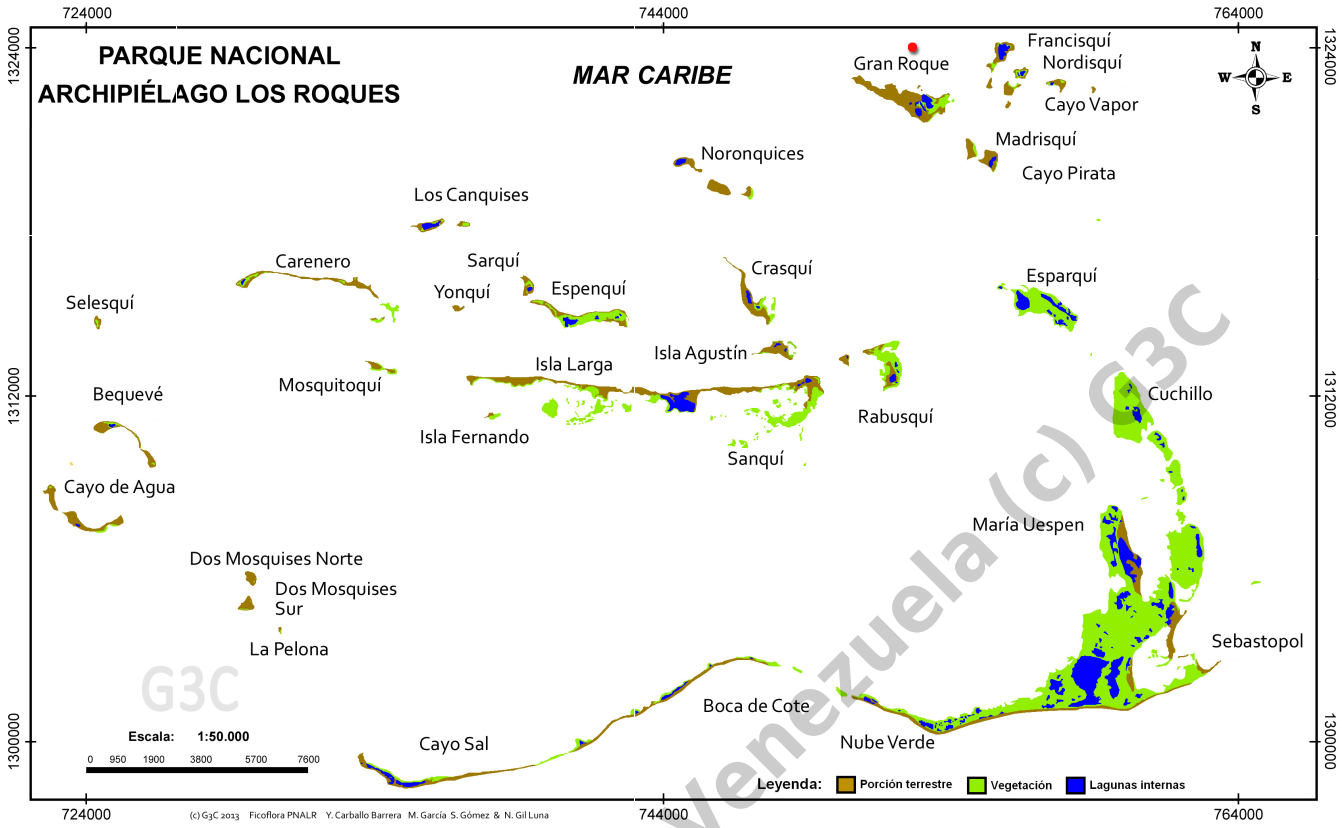
Cross section of a sterile thallus



Cross section of a nemathecium

Proyecto Ficoflora Venezuela (G3C)

Geographic distribution



Proyecto Ficoflora Venezuela (c) G3C