

Diatom 29: 20-23

Extubocellulus brasiliensis (Bacillariophyceae), a new species from southern Brazilian marine sandy beaches

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Abstract

A new diatom species *Extubocellulus brasiliensis* M.Garcia belonging to the family Cymatosiraceae is described from a Brazilian beach of South Atlantic Ocean. *Extubocellulus brasiliensis* M.Garcia was found in marine sandy beaches forming a short colony (4 cells). It is characterized by the presence of a unique row of round areolae occluded by an external cribrum between the valve face and the mantle, and an ocellulus located symmetrically at each apex composed of 4 porelli.

Key index words: *Extubocellulus*, *Extubocellulus brasiliensis*, marine diatom, marine epipsammon, morphology, South America