



Cyclotella cryptica

A diatom

General

1. Cylindrical diatomaceous planktonic algae
2. May produce an exudates that has the ability to suppress growth responses of other species such as *Skeletonema costatum* in environments enriched by vitamin B-12

Geography and Habitat

1. Native: Unknown; cryptogenic. Recorded globally.
2. Habitats
 - First isolated from brackish water; tolerates saltwater
 - Tolerates abnormally high chloride concentrations
 - Requires NO₃⁻ as nitrogen source in marine and brackish environments



Photo: Eugene Stoermer
<http://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=1671>

Invasion Pathways

1. Likely ballast water release

Sources

1. <http://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=1671>