



Thalassiosira guillardii

A diatom

General

1. Typically occurs singly but occasionally forms colonies of a few cells

Geography and Habitat

1. Native: Unclear. Recorded in Pacific and Atlantic coastal waters, the Baltic Sea, some European river drainages (Weser, Danube, Thames, Tisza, and Lake Balaton, Hungary).
2. Habitat:
 - Typical in salinities above 8 ppt, though it has been recorded growing in fresh, brackish, and saline conditions up to 35 ppt
 - Highest concentrations occur at 21°C, though recorded at temperatures ranging from 7°C—24.5°C

Invasion Pathways

1. Likely ballast water release

Sources

1. <http://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=1690>

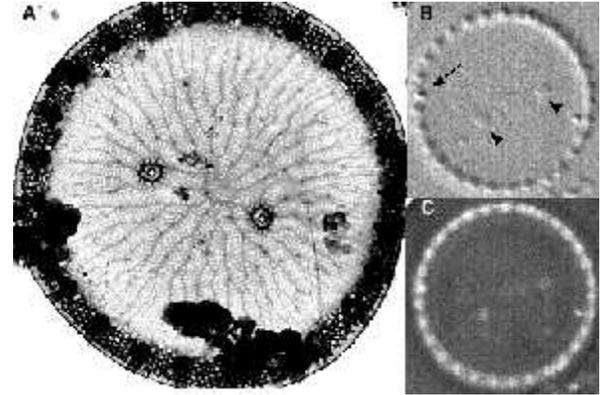


Photo: A = Valve (TEM); B&C = Valve in Naphrax (arrow=labiate process, arrowheads=strutted processes, B=DIC, C=PH). Copyright owned by Mats Kuylenstierna & Bengt Karlson
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