



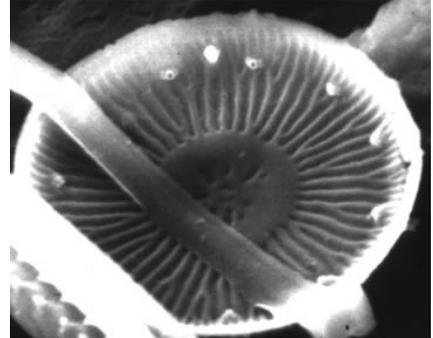
cylindrical algae

US ARMY CORPS OF ENGINEERS

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Common Name	cylindrical algae
Genus & Species	<i>Cyclotella pseudostelligera</i>
Family	Stephanodiscaceae
Order	Thalassiosirales
Class	Coscinodiscophyceae

Diagnosis: A cylindrical shaped unicellular algae. Valves composing the cell wall typically having a concentric undulation, but occasionally flat. Valve edges are without shadow lines. The center of each valve has a distinct star-shaped structure with a central areola. Marginal spines and valve face fulcportulae are absent in this species. This diatom is typically small, with a diameter ranging from 5 to 9 microns.



Ecology: Little is known on the ecology of this species of diatom other than it is capable of rapid growth.

Habitat & Distribution: *Cyclotella pseudostelligera* is typically found inhabiting aquatic environments that are shallow, nutrient rich, and turbid. Native range is unknown; however, the species is considered widespread. It has been recorded from Europe, Russia, Africa, South America, and the United States. In the U.S., this species is currently found only within the Great Lakes basin where it frequently occurs at river mouths. Introduction of the species into the U.S. is attributed to vessel transport via ballast water.

Status: This species of diatom is found throughout all of the Great Lakes and the Sandusky River in Ohio.

USGS Fact Sheet: <http://nas.er.usgs.gov/queries/factsheet.aspx?SpeciesID=1672>