

# Cylindro

## *Cylindrospermopsis raciborskii*

### Description

Cylindro was likely introduced to the Great Lakes via ballast water. It can be transported to new water bodies by migrating waterfowl, recreational items, or natural water flow.

### Habit

One of many species of blue-green algae composed of trichomes (chained filaments) that are solitary and straight. Trichomes range from 51?311 ?m in length and 1.7?4.2 ?m in width, heterocytes are 5?11 ?m by 2?5 ?m, and akinetes are 8?16 ?m by 2?5 ?m

### Leaves

### Stems

### Flowers

### Fruits and Seeds





### **Habitat**

Native to South America. Found in low densities in many inland lakes and reservoirs surrounding the Great Lakes region.

### **Reproduction**

### **Similar**

### **Monitoring and Rapid Response**

No known biological control. A mechanical system can be used to create artificial de-stratification to increase vertical mixing, introduce oxygen, and reduce internal nutrient loading. Can be inactivated by chlorine, ozone, and hydroxyl radical treatments. Copper-based algicides may inhibit the degradation.

### **Credits**

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