

Citizen Science Monitoring of Nuisance Algae Blooms in Lake Superior

íNaturalist

OBSERVATIONS

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cyanoScope

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www.epa.gov/research

Algal Blooms in Lake Superior

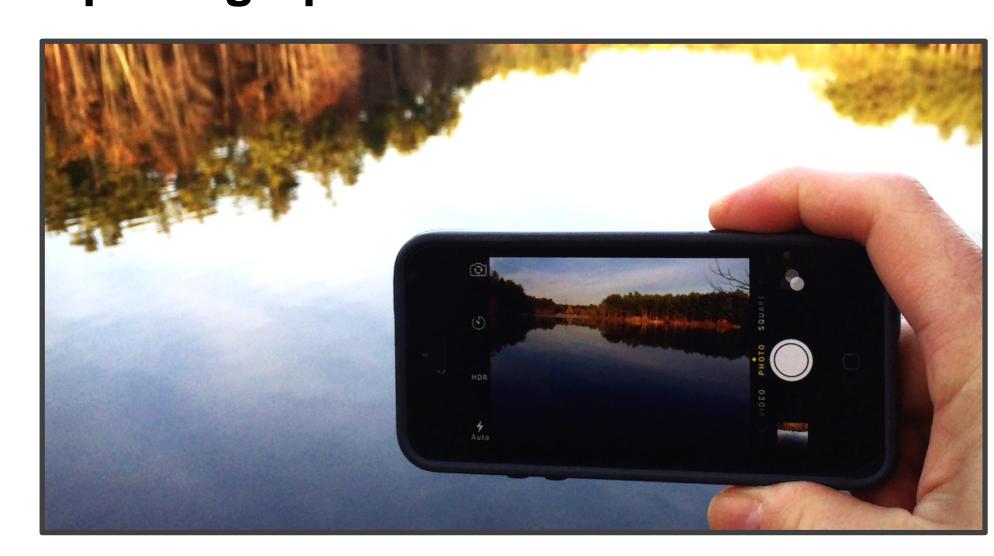
- Algal blooms have increasingly become an issue in Lake Superior, particularly along the south shore and within the Apostle Islands National Lake shore and in the Thunder Bay area.
- Although these blooms have not yet shown to be toxic, they have drawn nationwide attention of the public and are a concern at multiple levels.
- Here we present a collaborative initiative between the US EPA and Great Lake coastal partners designed to establish a network of citizen scientists who will monitor for nuisance and harmful algal blooms.



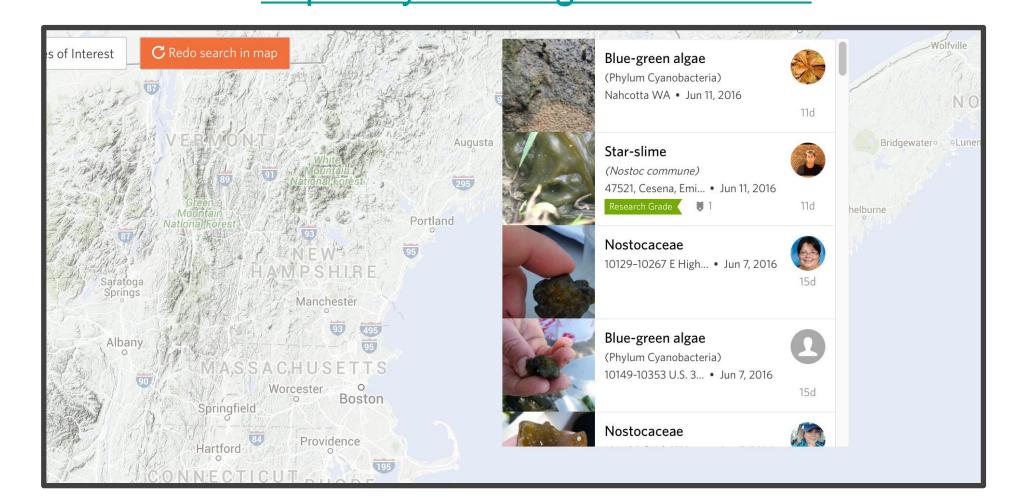


Bloomwatch App

the BloomWatch App is used to photograph blooms and lake conditions



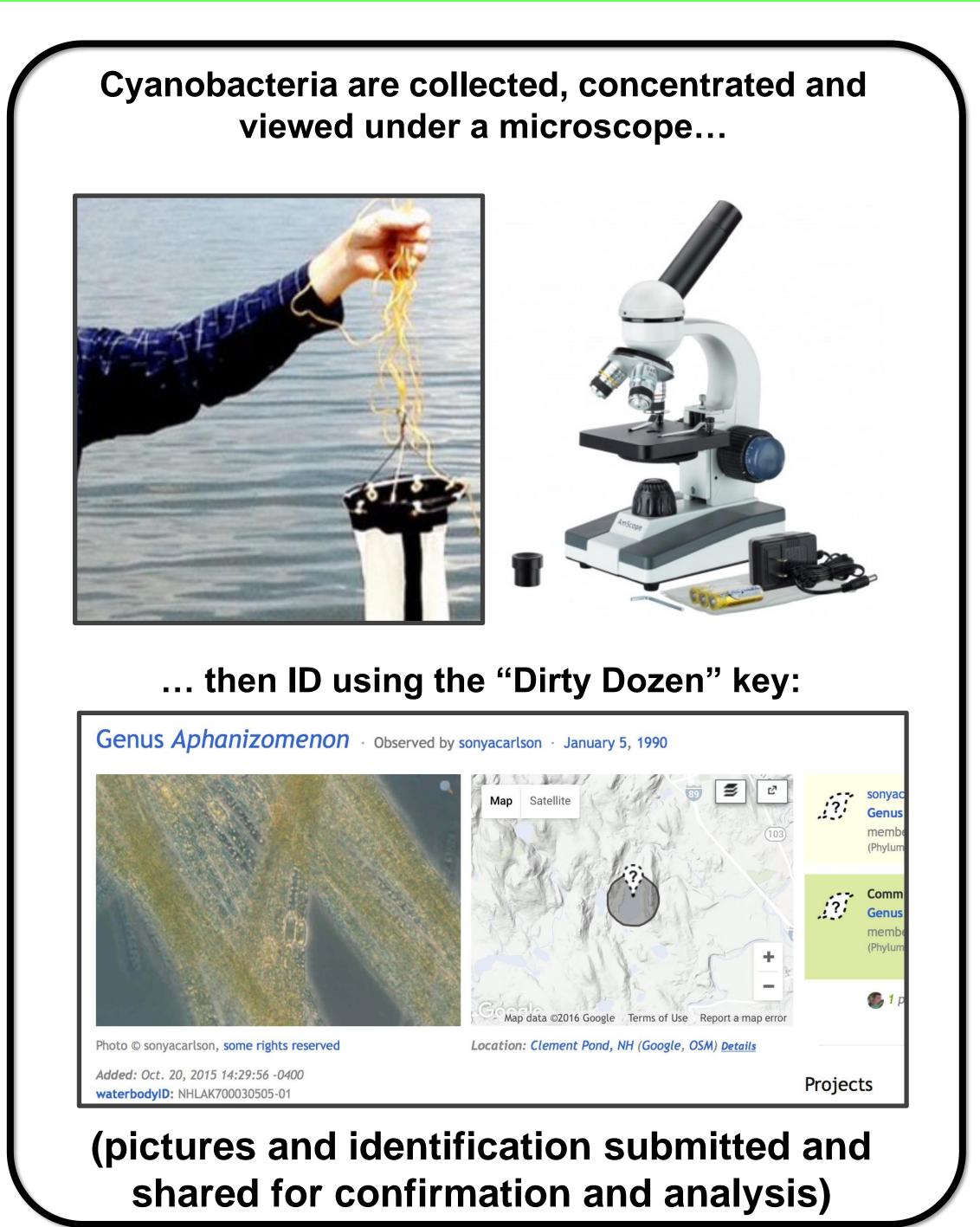
additional info is documented https://cyanos.org/bloomwatch/



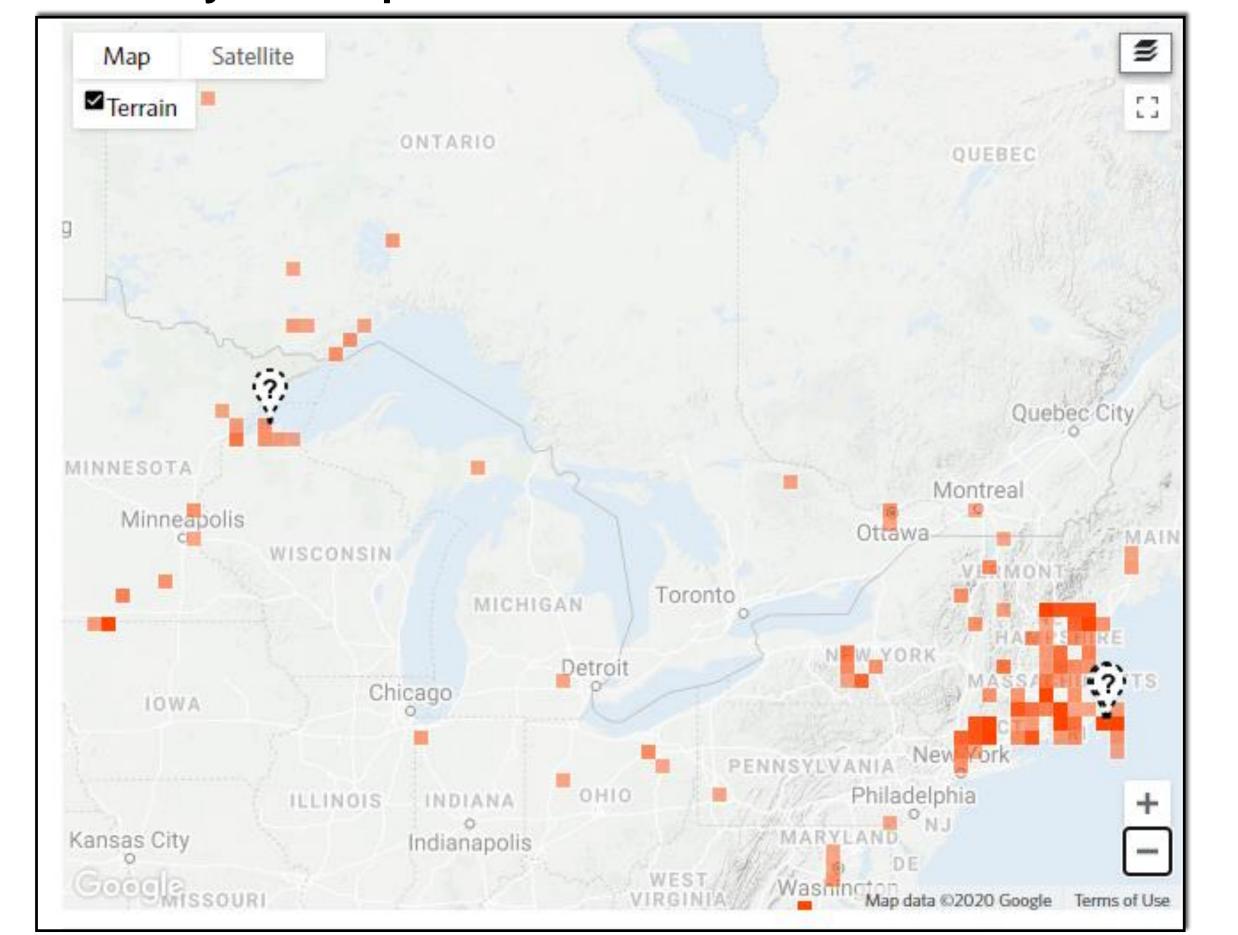
picture & details sent to database and relevant state authorities

Mapping cyanobacteria one slide at a Time

cyanoScope

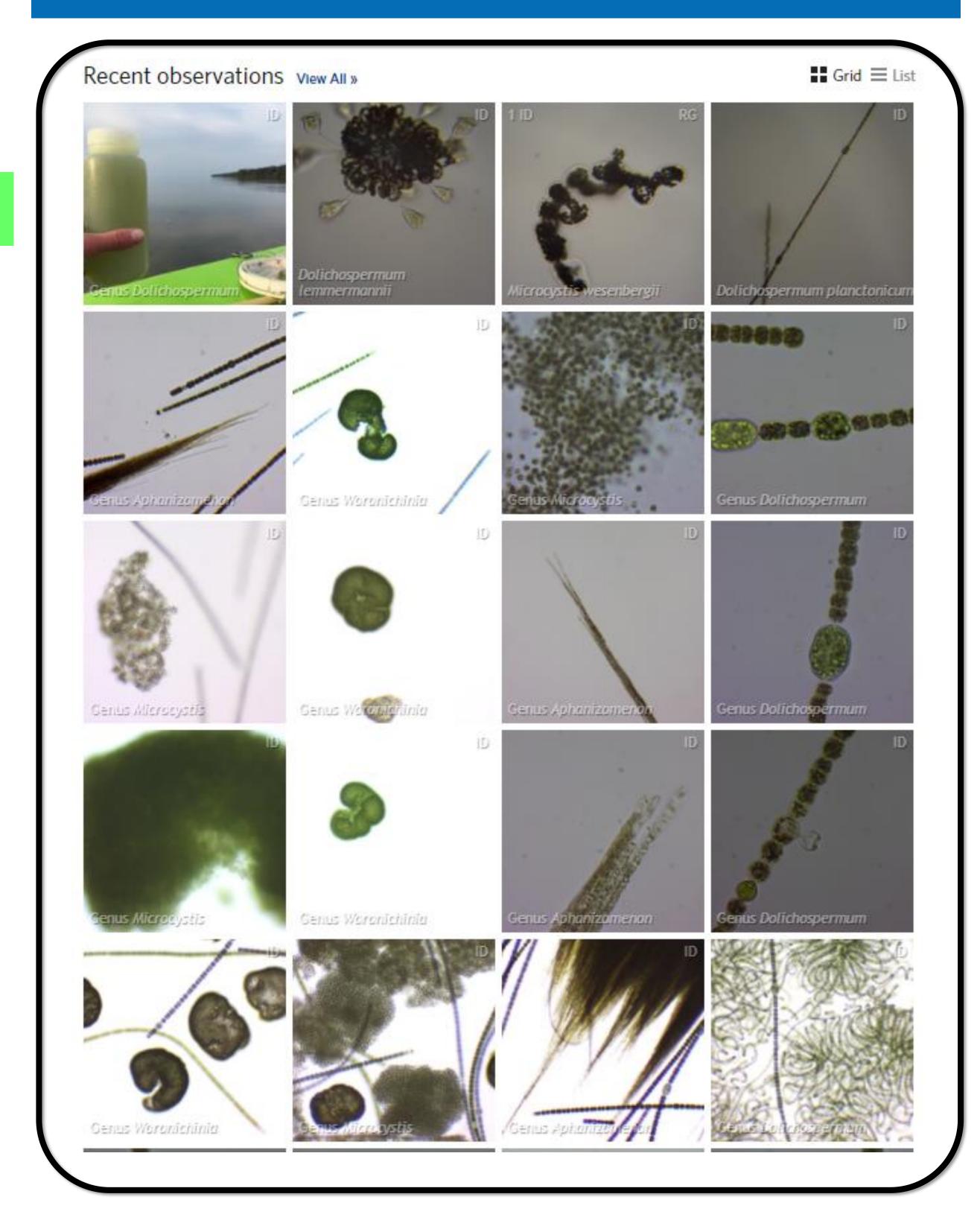


CyanoScope Observations in the Great Lakes



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Recent cyanoScope Observations



 cyanoScope now has its own guide to the cyanobacteria: https://www.inaturalist.org/guides/6092

How to get Started

