

"This work is not only an excellent contribution to its field but also a valuable resource and teaching tool for nonspecialist readers, students, scientists, and water professionals for many years to come."

—**Mary Carol Wagner**, Water Quality Manager, Northern Kentucky Water District

"*A Guide to Cyanobacteria* is excellent and well done. It will be useful for people or professionals who are just starting to study algae and a good reference for those already working in the field of algae."

—**Roger Tucker**, Biologist, Louisville Water Company

Blue-green algae and the toxins they can produce pose serious economic, environmental, and public health problems worldwide. Written for nonspecialists but detailed enough for professionals, this guide will help students, landowners, and citizen scientists identify different kinds of cyanobacteria and understand their impact on waterways, from neighborhood lakes and farm ponds to major river systems. This accessible yet comprehensive guide features:

- A key that systematically walks the reader through each step of the identification process
- More than one hundred photos illustrating various species
- A robust glossary
- An in-depth bibliography to aid readers in further research

In addition to identification, authors Mark A. Nienaber and Miriam Steinitz-Kannan offer instructions on how to correctly collect and analyze cyanobacteria. This handy guide is a valuable reference for anyone engaged in identifying and combating harmful cyanotoxins.

**Mark A. Nienaber** is the sole proprietor of Algae Services and has more than forty years of experience in algae and vascular plant identification.

**Miriam Steinitz-Kannan** is Regents Professor Emeritus in the Department of Biological Sciences at Northern Kentucky University. She continues to be active in environmental and water quality education by offering algae workshops for the community and various Ohio River foundations.

Cover photo of Grand Lake St. Marys (OH) courtesy of Tony Kramer.



UNIVERSITY PRESS OF KENTUCKY

ISBN: 978-0-8131-7559-1



9 780813 175591

90000