

Supporting Information for

Algal Community Dynamics in Three Water Intakes of Poyang Lake: Implications for Drinking Water Safety and Management Strategies

Bo Li ^{1,†}, Jing Li ^{2,†}, Yuehang Hu ¹, Shaozhe Chen ², Shouchun Li ^{1,*} and Xuezhi Zhang ^{2,*}

¹ College of Life Sciences, Jiangxi Normal University, Nanchang 330022, China

² Key Laboratory for Algal Biology, Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan 430072, China

* Correspondence: lisc@jxnu.edu.cn (S.L.); zhangxuezhi@ihb.ac.cn (X.Z.)

† These authors contributed equally to this work.

Contents

The spatiotemporal dynamics of algal species composition and abundance in Poyang Lake are documented in Table S1.

Table S1. The spatiotemporal dynamics of algal species composition and abundance in Poyang Lake

Research Time	Research Area	Algal species Composition	Algal cell density (cells·L ⁻¹)
1988-2015	main basin	Chlorophyta-Bacillariophyta- Cyanophyta	
2015-2019	main basin	Cyanophyta- Bacillariophyta	5.58×10 ⁴
2019-	River-lake	Cyanophyta	6.89×10 ⁷
2020(summer)	confluence zone		
2020	main basin	Cyanophyta	< 1.0×10 ⁷
2022(summer)	main basin	Cyanophyta	2.0×10 ⁷
2023-2024(This study)	three typical water treatment plants in Poyang Lake	Cyanophyta- Bacillariophyta	1.56×10 ⁷