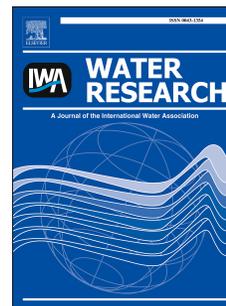


Accepted Manuscript

Influence of blooms of phytoplankton on concentrations of hydrophobic organic chemicals in sediments and snails in a hyper-eutrophic, freshwater lake

Wei Shi, Nanyang Yu, Xia Jiang, Zhihua Han, Shuhang Wang, Xiaowei Zhang, Si Wei, John P. Giesy, Hongxia Yu



PII: S0043-1354(17)30066-0

DOI: [10.1016/j.watres.2017.01.059](https://doi.org/10.1016/j.watres.2017.01.059)

Reference: WR 12660

To appear in: *Water Research*

Received Date: 19 September 2016

Revised Date: 24 January 2017

Accepted Date: 29 January 2017

Please cite this article as: Shi, W., Yu, N., Jiang, X., Han, Z., Wang, S., Zhang, X., Wei, S., Giesy, J.P., Yu, H., Influence of blooms of phytoplankton on concentrations of hydrophobic organic chemicals in sediments and snails in a hyper-eutrophic, freshwater lake, *Water Research* (2017), doi: 10.1016/j.watres.2017.01.059.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 Influence of blooms of phytoplankton on concentrations of hydrophobic organic
2 chemicals in sediments and snails in a hyper-eutrophic, freshwater lake

3

4 Wei Shi,^a Nanyang Yu,^a Xia Jiang,^b Zhihua Han,^{a,c} Shuhang Wang,^b Xiaowei Zhang,^{a,*}

5 Si Wei,^a John P. Giesy,^{a,d,e,f,g} and Hongxia Yu^{a,*}

6 ^a State Key Laboratory of Pollution Control and Resource Reuse, School of
7 Environment, Nanjing University, Nanjing, People's Republic of China.

8 ^b Key Laboratory of Environmental Protection of Lake Pollution Control, Chinese
9 Research Academy of Environmental Science, Beijing, People's Republic of China.

10 ^c Ministry Environment Protection China, Nanjing Institute Environment Science,
11 Nanjing, People's Republic of China.

12 ^d Department of Veterinary Biomedical Sciences and Toxicology Centre, University
13 of Saskatchewan, Saskatoon, Saskatchewan, Canada.

14 ^e Department of Zoology, and Center for Integrative Toxicology, Michigan State
15 University, East Lansing, MI, USA.

16 ^f School of Biological Sciences, University of Hong Kong, Hong Kong, SAR,
17 People's Republic of China.

18 ^g Department of Biology and Chemistry and State Key Laboratory in Marine Pollution,
19 City University of Hong Kong, Hong Kong, SAR, People's Republic of China.

20

21 **Corresponding Author**

22 Prof. Xiaowei Zhang, PhD: School of the Environment, Nanjing University, Nanjing,

Download English Version:

<https://daneshyari.com/en/article/5759481>

Download Persian Version:

<https://daneshyari.com/article/5759481>

[Daneshyari.com](https://daneshyari.com)