

**The habitat type and trophic state determine benthic macroinvertebrate  
assemblages in lowland shallow lakes of China**

**Zhixin HU,<sup>1</sup> Xu SUN,<sup>1</sup> Yongjiu CAI,<sup>2</sup> Liyun GUO,<sup>1</sup> Qiankun CHEN,<sup>1</sup> Tao LIU,<sup>1</sup>  
Fei SHI,<sup>1</sup> Liuyan YANG<sup>1\*</sup>**

<sup>1</sup>State Key Laboratory of Pollution Control and Resource Reuse, School of the Environment, Nanjing University, Nanjing 210023

<sup>2</sup>Key Laboratory of Watershed Geographic Sciences, Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences, Nanjing, 210008, China

\*Corresponding author: yangly@nju.edu.cn

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**Supplementary Tab. 1.** Taxa composition of benthic macroinvertebrate assemblages of the studied lakes in Jiangsu province, China.

Taxa	Algae-dominated regions				Transitional regions				Macrophyte-dominated regions	
	HZ	XW	SJ	Ta	LM	GY	GC	Tt	BM	Tm
<b>Oligochaeta</b>										
<i>Branchiura sowerbyi</i>	+	+	+	+	+	+	+		+	+
<i>Limnodrilus grandisetosus</i>			+	+			+		+	
<i>Limnodrilus hoffmeisteri</i>		+	+	+	+	+	+		+	+
<i>Aulodrilus</i> sp.			+					+		
<b>Chironomidae</b>										
<i>Chironomus semireductus</i>	+			+	+	+	+		+	
<i>Chironomus plumosus</i>		+		+		+	+		+	
<i>Tanypus chinensis</i>					+		+		+	
<i>Procladius</i> sp.							+		+	
<i>Cryptochironomus</i> sp.				+						
<i>Prosilocerus akamusi</i>		+	+				+		+	
<i>Glyptotendipes</i> sp.			+							
<i>Microchironomus</i> sp.							+		+	
<b>Gastropoda</b>										
<i>Bellamyia aeruginosa</i>		+	+	+	+	+	+	+	+	+
<i>Parafossarulus sinensis</i>										+
<i>Alocinma longicornis</i>			+			+	+		+	+
<i>Parafossarulus striatulus</i>							+		+	+
<i>Semisulcospira cancellata</i>	+			+	+				+	+
<i>Radix swinhoi</i>			+			+	+		+	+
<i>Stenothyra glabra</i>										+
<i>Gyraulus convexiusculus</i>						+				+

Taxa	Algae-dominated regions				Transitional regions				Macrophyte-dominated regions	
	HZ	XW	SJ	Ta	LM	GY	GC	Tt	BM	Tm
<b>Bivalvia</b>										
<i>Corbicula fluminea</i>	+			+		+		+		+
<i>Sphaerium lacustre</i>							+		+	
<i>Limnoperna fortunei</i>	+			+						
<i>Novaculina chinensis</i>	+									
<b>Others</b>										
<i>Nephtys oligobranchia</i>	+			+	+			+		+
<i>Nereis japonica</i>				+						
<i>Glossiphonia complanata</i>			+				+			
<i>Notomastus latericeus</i>	+			+		+		+		+
<i>Potamilla acuminata</i>	+			+				+		
<i>Paranthura</i> sp.	+			+						
<i>Gammarus</i> sp.	+			+						
<i>Exopalaemon modestus</i>	+									
<i>Gomphidae</i> sp.						+				+

LM, Lake Luoma; HZ, Lake Hongze; BM, Lake Baima; GY, Lake Gaoyou; XW, Lake Xuanwu; SJ, Lake Shijiu; GC, Lake Gucheng; Ta included the seven sampling sites located in the algae-dominated regions of Lake Taihu; Tm included the four sampling sites located in the macrophyte-dominated regions of Lake Taihu; Tt included the remaining four sampling sites located in the transitional regions between these two types of habitat of Lake Taihu.