

Supplementary Materials

**Influence of Zooplankton and Environmental Factors on Clear Water Phase in Lake Paldang,
South Korea**

Table S1. Correlation matrix showing coefficients between factors affecting the clear water phase in Lake Paldang.

Variables	TO-Ind	RO-Ind	CL-Ind	CO-Ind	RO-RA	CL-RA	CO-RA	Chl- <i>a</i>	SD	TUR	Temp	TN	TP	HRT	PRECI
TO-Ind	1														
RO-Ind	0.916**	1													
CL-Ind	0.407**	0.142**	1												
CO-Ind	0.504**	0.201**	0.452**	1											
RO-RA	0.154**	0.367**	-0.392**	-0.402**	1										
CL-RA	-0.036	-0.220**	0.594**	0.179**	-0.670**	1									
CO-RA	-0.156**	-0.307**	0.100*	0.422**	-0.770**	0.102*	1								
Chl- <i>a</i>	0.186**	0.167**	0.011	0.203**	0.038	-0.124*	0.076	1							
SD	-0.112*	-0.162**	0.154**	-0.037	-0.202**	0.330**	0.008	-0.468**	1						
TUR	-0.034	-0.063	-0.039	0.151**	-0.154**	0.070	0.106*	0.208**	-0.497**	1					
Temp	0.154**	0.088	0.289**	0.185**	-0.144**	0.250**	0.000	0.207**	0.050	0.137**	1				
TN	0.015	0.071	-0.221**	-0.116*	0.244**	-0.311**	-0.090	0.111*	-0.438**	0.161**	-0.534**	1			
TP	0.008	-0.002	0.004	0.043	-0.014	-0.042	0.053	0.389**	-0.567**	0.764**	0.161**	0.343**	1		
HRT	-0.015	-0.052	0.089	0.121*	-0.189**	0.112*	0.177**	-0.061	0.330**	-0.231**	-0.182**	-0.403**	-0.331**	1	
PRECI	-0.082	-0.070	0.016	-0.070	-0.024	0.081	-0.041	0.058	-0.377**	0.684**	0.199**	0.118*	0.662**	-0.371**	1

* $p < 0.05$, ** $p < 0.01$. TO: total; RO: Rotifera; CL: Cladocera; CO: Copepoda; Chl-*a*: chlorophyll-*a*; SD: secchi depth; TUR: turbidity; Temp: water temperature; TN: total nitrogen; TP: total phosphorus; HRT: hydraulic retention time; Ind: individuals; RA: relative abundance; PRECI: precipitation.