

Table 2. Environmental correlates of temporal changes in biomass group membership of lakes in which *G. semen* was detected. Shown are Kendall Tau correlation coefficients and significance values (* P < 0.05, unshaded cells; ** P < 0.01, light-grey shaded cells; *** P < 0.001, dark-grey shaded cells; empty cells, not significant) of significant variables. Lakes for which no significant correlations were found are excluded from the table.

Lake	Variables											
	Ph	Alkalinity	NO ₂ +NO ₃ -N	NH ₄ -N	Total N	PO ₄	Total P	Cond.	Secchi	Color	TOC	Temp.
Överudssjön												-0.46*
Grissjön			0.47*									
Skärgölen						0.57*						
Sännen						0.49*						
Bysjön				-0.55*		0.56*						
Fräcksjön								0.50*				
Harasjön								-0.54*				
Fagertårn	0.51*											
Storasjö	-0.46*											
Rottehogstjärnen									-0.69**	0.51*		
Bäen									-0.53*			
Edasjön											-0.58*	
Skärsjön											0.48*	
Hagasjön		0.57*			-0.58*			-0.59*				
Tängersjö		0.56*							0.57*			-0.57*
Fjärasjö	-0.55*	-0.55*						-0.55*	-0.51*	0.55*		
Siggeforasjön		-0.52*						-0.46*	-0.54*	0.51*	0.59**	
Svinarydsjön	0.66**				-0.51*							
St. Lummersjön		-0.72**		0.73**				-0.75***				
Tväringen	0.59*		0.49*									0.47*
St Skärsjön						0.73**		-0.61**	-0.71**			
Örsjön								-0.57*	-0.61**			
Lilla Öresjön	0.46*	0.53*										0.59*
Hinnasjön				0.46*			0.49*		-0.61**			
Älgarydsjön							0.47*		-0.74***	0.74**	0.65**	
Tångerdasjön			0.53*					-0.48*		0.50*		

Abbreviations: TOC, total organic carbon; Cond., electrical conductivity; Color, water color (absorbance); Secchi, Secchi disk transparency; Temp., water temperature. Note: electrical conductivity is a measure of total dissolved ions in the water and can serve as a surrogate of micronutrient availability.