

**Table S3.** Loadings of the first two components of the PCA-axes used in visualization of the result of the k-means clustering (Figure 2). For further information see methods and Figure 2.

variable	loading	
	component 1	component 2
canopy openness	0.270	0.300
duckweed cover	0.256	-0.382
structuring vegetation	0.303	0.100
shore vegetation	0.371	0.002
turbidity	-0.149	-0.267
structuring wood	0.082	-0.264
inflow	0.393	0.096
pond bottom	0.107	0.263
water depth (incl.sediment)	0.092	-0.145
volume	0.420	-0.055
variation water depth	-0.276	0.290
pH	-0.074	-0.040
nitrate (NO <sub>3</sub> )	-0.304	0.350
ammonium (NH <sub>4</sub> )	-0.084	-0.421
phosphate (PO <sub>4</sub> )	-0.162	-0.311
water temperature	-0.211	-0.168