

**Table S10:** Pearson correlation of behavioural CWMs with site variables. For traits with two mutually exclusive commodities (habitat, motility, feeding), only one is shown.  $p$  0.05–>0.001 plain text,  $p$  0.001–>0.0001 underlined (unadjusted).

Feature	Variable	Habitat	Motility	Feeding
		Planktonic	Free-Living	Raptor
pH	pH	-	-	-0.15
total ions	EC	-	-	-
cations	Na	-	-	-0.16
	K	-	-	-
	Ca	-	-	-0.18
	Mg	-	-	-
	Al	-	0.16	-
nitrogen	NO <sub>3</sub>	0.20	-	-
	NO <sub>3</sub> max.	0.15	-	-
	NO <sub>2</sub>	0.15	-	-
	NH <sub>4</sub>	-	0.15	-
	NH <sub>4</sub> max.	-	0.15	-
	TIN	0.16	-	-
	TINmax.	0.15	-	-
	TN	0.15	-	-
phytoplankton	chl <i>a</i>	0.18	-	-
metabolism	pGOP	0.20	-	-
vegetation	wooded shore	-	-	-0.19