

On-line Suppl. Tab. 1. Descriptions and positions of the sampling locations in Skadar Lake.

Location	Description / anthropogenic influence	Latitude and longitude
T1	Inflow of the Morača River (right branch) / industrial wastewaters from the Zeta valley	42°27'70" N; 19°12'32" E
T2	Small lake at the right branch of the Morača River	42°27'57" N; 19°12'15" E
T3	Kamenik / little anthropogenic influence	42°28'54" N; 19°10'25" E
T4	Milovića bay / little anthropogenic influence	42°26'22" N; 19°10'77" E
T5	Underwater spring Raduš	42°22'79" N; 19°12'94" E
T6	Inflow of the Morača River (left branch)	42°25'84" N; 19°13'46" E
T7	Inflow of the Plavnica River/touristic complex	42°26'55" N; 19°19'80" E
T8	Crnojevića River (Lipovik)/ industrial wastewaters from the small town of Reka Crnojevića	42°35'23" N; 19°03'99" E
T9	Karuč, small fishing village	42°35'81" N; 19°10'71" E

On-line Suppl. Tab. 2. Literature data on concentrations (mg kg⁻¹) of Cd, Pb and Cr in freshwater lake sediments and aquatic plants and sediment quality criteria (TEC-threshold effect concentration; PEC-probable effect concentration).

Location/plant	Cd	Pb	Cr	Reference
Concentration in sediment				
Skadar Lake	0.03–1.18	2.7–17.4	15.8–180	This work
Skadar Lake	0.1–1.0	40.2–49.4	43.8–86.0	Stešević et al. 2007
Skadar Lake	0.27–0.65	16.6–46.2	35.6–127	Kastratović et al. 2013
Plitvice Lakes (Croatia)	0.8–4.5	5–40	7–35	Mikac et al. 2011
Alpine lakes (EU) (recent/pre-indust.)	0.4/0.2	99/44	–	Camarero et al. 2009
Sediment quality criteria (TEC/PEC)	0.99/4.98	35.8/128	43.4/111	Mac Donald et al. 2000
Concentration in aquatic plants				
	root/stem/leaf	root/stem/leaf	root/stem/leaf	
<i>Trapa natans</i> (Skadar Lake)	0.21/0.09/0.07	1.19/0.08/0.11	7.78/1.26/1.0	This work
<i>Trapa natans</i> (Kerkini Lake, Greece)	1.4/0.4/0.7	7.5/1.8/2.2	–	Sawidis et al. 1995
<i>Trapa natans</i> (ponds, India)	1–2.5/0.8–2/–	–	–	Sweta et al. 2015
<i>Phragmites communis</i> (Skadar Lake)	0.13/0.07/0.08	6.3/4.2/2.6	10.3/2.6/0.48	Kastratović et al. 2013
<i>Ceratophyllum demersum</i> (Skadar Lake)	–/0.14/0.20	–/8.02/9.70	–/3.21/5.78	Kastratović et al. 2014