

Supplementary material

Table S1. Bioaccumulation factor of trace metals in *R. decussatus* sampled from the Tunis lagoon through surface sediments.

Season	Sampling site	Ag*	As	Cd	Cu	Mn	Ni	Pb	V	Zn	Hg
Autumn	S1	> 3.99	1.38	0.94	0.50	0.05	0.35	0.05	0.02	0.93	0.16
	S2	> 3.33	1.65	0.32	0.60	0.07	0.49	0.01	0.03	0.22	0.31
	S3	> 3.50	1.68	1.13	0.79	0.07	0.46	0.05	0.03	1.16	0.55
Winter	S1	-	1.88	1.91	0.70	0.07	1.11	0.19	0.04	1.42	0.53
	S2	-	2.23	0.39	0.71	0.06	1.03	0.03	0.03	0.38	0.59
	S3	-	4.41	1.93	1.69	0.07	0.79	0.20	0.04	1.35	1.60
Spring	S1	> 3	1.46	1.28	0.54	0.04	0.36	0.09	0.02	0.95	0.44
	S2	> 3.62	1.93	0.22	0.46	0.04	0.39	0.02	0.02	0.29	0.92
	S3	-	1.26	0.58	0.64	0.04	0.29	0.04	0.02	0.98	1.31
Summer	S1	> 4.21	1.18	0.66	0.84	0.08	0.39	0.05	0.02	1.01	0.20
	S2	> 5.71	1.28	0.17	0.61	0.07	0.51	0.02	0.02	0.25	0.19
	S3	> 5.21	1.78	0.89	1.51	0.08	0.55	0.12	0.03	1.55	0.43

* The detection limit of metal was used as the metal concentration in sediments to calculate the BAF.