

**Table S1.** Concentrations of heavy metals (mean±SD) in *Erigeron canadensis* L. and its parts (root, stem, leaves, inflorescence) in experimental plots.

Concentration in plant, mg kg <sup>-1</sup> , dry matter					
P1 (1.0 km)	Total plant	Part of plants			
		Inflorescence	Leaves	Stem	Roots
	6.90±0.41 <sup>bc</sup>	1.59±0.14 <sup>c</sup>	1.67±0.15 <sup>bc</sup>	1.40±0.11 <sup>b</sup>	2.24±0.16 <sup>c</sup>
	7.28	1.72	1.65	1.38	2.21
	6.55	1.58	1.54	1.49	2.13
	6.87	1.67	1.81	1.33	2.37
Cr	31.15±2.54 <sup>bc</sup>	9.21±0.81 <sup>b</sup>	5.51±0.52 <sup>b</sup>	5.69±0.47 <sup>b</sup>	10.74±0.85 <sup>b</sup>
	33.46	9.89	5.99	5.54	10.09
	30.81	9.16	5.45	5.91	10.81
	30.69	8.48	5.32	5.49	11.42
Cu	5.14±0.82 <sup>c</sup>	0.59±0.05 <sup>c</sup>	2.28±0.20 <sup>bc</sup>	0.60±0.06 <sup>c</sup>	1.67±0.11 <sup>c</sup>
	4.39	0.57	2.37	0.65	1.64
	5.55	0.56	2.11	0.57	1.75
	5.33	0.64	2.26	0.58	1.61
Pb	281.14±20.87 <sup>a</sup>	71.09±4.69 <sup>a</sup>	63.24±5.63 <sup>a</sup>	51.92±4.26 <sup>a</sup>	94.89±8.92 <sup>a</sup>
	263.74	70.92	60.64	55.78	101.34
	320.08	68.21	61.83	50.21	87.53
	280.48	75.58	67.95	49.64	93.67

  

Concentration in plant, mg kg <sup>-1</sup> , dry matter					
P2 (5.5 km)	Total plant	Part of plants			
		Inflorescence	Leaves	Stem	Roots
	11.08±2.40 <sup>bc</sup>	1.78±0.16 <sup>bc</sup>	2.10±0.13 <sup>c</sup>	1.13±0.08 <sup>bc</sup>	6.07±0.49 <sup>bc</sup>
	13.02	1.70	1.99	1.19	5.72
	9.76	1.72	2.12	1.12	6.27
	10.81	1.91	2.17	1.07	6.12
Cr	45.30±8.42 <sup>bc</sup>	10.46±0.68 <sup>b</sup>	8.09±0.64 <sup>b</sup>	4.71±0.27 <sup>bc</sup>	22.05±1.68 <sup>b</sup>
	41.44	10.54	8.20	4.61	21.44
	42.06	10.97	7.59	4.56	21.02
	52.89	9.81	8.58	4.97	23.67
Cu	3.98±0.90 <sup>c</sup>	0.54±0.06 <sup>c</sup>	1.12±0.11 <sup>c</sup>	0.23±0.02 <sup>c</sup>	2.08±0.18 <sup>bc</sup>
	3.17	0.48	1.05	0.21	2.11
	4.25	0.58	1.08	0.24	2.01
	3.61	0.56	1.23	0.24	2.12
Pb	339.58±40.87 <sup>a</sup>	69.78±5.09 <sup>a</sup>	96.75±5.32 <sup>a</sup>	44.45±3.56 <sup>a</sup>	128.60±8.36 <sup>a</sup>
	376.28	67.23	101.22	44.67	131.47
	303.88	68.99	94.78	43.41	121.73
	338.04	73.52	93.69	45.38	132.81

  

Concentration in plant, mg kg <sup>-1</sup> , dry matter					
P3 (12.02 km)	Total plant	Part of plants			
		Inflorescence	Leaves	Stem	Roots
	7.39±0.60 <sup>bc</sup>	0.76±0.07 <sup>bc</sup>	3.23±0.29 <sup>bc</sup>	2.22±0.20 <sup>bc</sup>	1.18±0.10 <sup>bc</sup>
	7.95	0.71	3.45	2.06	1.13
	7.24	0.82	3.13	2.27	1.16
	6.87	0.72	3.11	2.33	1.26
Cr	27.66±3.34 <sup>bc</sup>	2.70±0.24 <sup>bc</sup>	16.07±1.37 <sup>bc</sup>	6.58±0.60 <sup>bc</sup>	2.32±0.20 <sup>bc</sup>
	30.76	2.92	15.87	6.77	2.49
	27.43	2.66	16.36	6.88	2.26
	24.82	2.54	17.11	6.09	2.21

	1.46±0.14 <sup>b</sup>	0.09±0.01 <sup>b</sup>	0.49±0.04 <sup>b</sup>	0.66±0.06 <sup>b</sup>	0.22±0.02 <sup>b</sup>
Pb	1.58	0.10	0.52	0.71	0.21
	1.39	0.08	0.50	0.63	0.24
	1.41	0.09	0.45	0.64	0.21
	139.68±7.29 <sup>a</sup>	37.79±3.44 <sup>a</sup>	30.56±2.57 <sup>a</sup>	50.65±4.31 <sup>a</sup>	20.68±1.80 <sup>a</sup>
Zn	136.53	41.84	32.83	48.89	21.49
	135.39	36.28	29.31	54.87	18.98
	145.67	35.97	29.16	48.75	21.63

A one-way analysis of variance (ANOVA) indicated a statistically significant difference ( $p < 0.05$ ) in the mean concentration of metal in plant parts among Zn, Cu, Cr, and Pb.

Different small letters indicate significant differences ( $p < 0.05$ ) between plant parts in the concentration of metals according to Tukey's test ( $n=3$ ).