



Figure S1. Treatment loadings from the PCAs run with data for each plant species in **Experiment 2**.

Table S1. Results of the PCA run with data for *L. albus* plants from **Experiment 2** (only factor loadings > 0.5 are shown).

	La-PC1	La-PC2	La-PC3
[Cd] _{Soil}	0.962		
[Zn] _{Soil}	0.957		
[Cu] _{Soil}	0.938		
pH	-0.916		
Dry weight (DW)	-0.915		
[Zn] _{Plant}	0.857		
[Mn] _{Soil}	0.822		
[Cu] _{Plant}		0.917	
[Fe] _{Soil}		0.907	
[Mn] _{Plant}		0.858	
[Cd] _{Plant}		0.703	0.643
[Fe] _{Plant}			-0.915
% Variance	51.2	27.8	11.4

Table S2. Results of the PCA run with data for *N. caerulescens* plants from **Experiment 2** (only factor loadings > 0.5 are shown).

	Nc-PC1	Nc-PC2	Nc-PC3
[Zn] _{Soil}	0.980		
[Cu] _{Soil}	0.956		
[Cd] _{Soil}	0.939		
pH	-0.928		
[Mn] _{Soil}	0.899		
[Mn] _{Plant}	0.864		
[Fe] _{Plant}	-0.606		
[Cd] _{Plant}		0.944	
[Zn] _{Plant}	0.603	0.713	
Dry weight (DW)			-0.894
[Cu] _{Plant}			0.788
% Variance	51.3	17.5	13.9