

Table S1. Statistical significance between algae and moss species in relation to the elements analyzed.

Student's T-test				
Element	Species comparison	t	df	p
Fe	Pp vs Ps	-4.92	8	0.001
	Pp vs Sp	-7.02	8	<0.001
	Pp vs Dp	-4.91	8	0.001
	Pl vs Sp	0.307	8	0.767
	Pl vs Dp	0.856	8	0.417
	Sp vs Dp	0.711	8	0.498
Ni	Pp vs Ps	-5.56	8	0.001
	Pp vs Sp	-3.10	8	<0.05
	Pp vs Dp	-3.33	8	0.010
	Pl vs Sp	1.94	8	0.089
	Pl vs Dp	1.48	8	0.177
	Sp vs Dp	-0.349	8	0.736
Cu	Pp vs Ps	-4.04	8	<0.01
	Pp vs Sp	-4.46	8	<0.01
	Pp vs Dp	-2.10	8	0.069
	Pl vs Sp	-0.292	8	0.777
	Pl vs Dp	1.41	8	0.196
	Sp vs Dp	1.71	8	0.126
Zn	Pp vs Ps	-3.55	8	<0.01
	Pp vs Sp	-4.23	8	<0.01
	Pp vs Dp	-3.43	8	<0.01
	Pl vs Sp	0.372	8	0.719
	Pl vs Dp	0.566	8	0.587
	Sp vs Dp	0.248	8	0.811
Cd	Pp vs Ps	-3.83	8	<0.01
	Pp vs Sp	-4.53	8	<0.01
	Pp vs Dp	-3.55	8	<0.01
	Pl vs Sp	-0.236	8	0.819
	Pl vs Dp	0.679	8	0.516
	Sp vs Dp	0.973	8	0.359

Pb	Pp vs Ps	-1.98	8	0.083
	Pp vs Sp	-1.71	8	0.125
	Pp vs Dp	-1.73	8	0.121
	Pl vs Sp	0.221	8	0.831
	Pl vs Dp	0.207	8	0.841
	Sp vs Dp	-0.014	8	0.989
Mann-Whitney U-test				
Element	Species comparison	U	Z	p
Mn	Pp vs Sp	12.0	0.00	1.00

p values in **bold** are statistically significant