

EPPLEY, S. M., C. A. MERCER, C. HANNING, AND C. B. GRAVES. 2009. Sex-specific variation in the interaction between *Distichlis spicata* (Poaceae) and mycorrhizal fungi. *American Journal of Botany* 96(11): 1967-1973.

**Appendix S1.** We used nested, mixed-model ANOVAs to determine whether each soil nutrient was affected by site (random, nested in site majority-sex) and site majority-sex. *P* values are in bold if they are significant after a Bonferonni correction.

Nutrient	Source of variation	df	F	<i>P</i>
NO <sub>3</sub>	Site (site sex)	4	11.99	<b>&lt;0.0001</b>
	Site sex	1	3.01	0.1580
	Error	42		
P	Site (site sex)	4	0.90	0.47
	Site sex	1	535.49	<b>0.0040</b>
	Error	42		
K	Site (site sex)	4	10.20	<b>&lt;0.0001</b>
	Site Sex	1	2.38	0.20
	Error	42		
Fe	Site (site sex)	4	1.62	0.19
	Site sex	1	1.63	0.27
	Error	42		
Mg	Site (site sex)	4	12.11	<b>&lt;0.0001</b>
	Site sex	1	0.27	0.63
	Error	42		
CA	Site (site sex)	4	7.52	<b>&lt;0.0001</b>

	Site sex	1	0.44	0.54
	Error	42		
Al	Site (site sex)	4	15.12	<b>&lt;0.0001</b>
	Site sex	1	0.73	0.44
	Error	42		
Mn	Site (site sex)	4	1.05	0.39
	Site sex	1	6.43	0.06
	Error	42		
Zn	Site (site sex)	4	4.62	<b>0.0035</b>
	Site sex	1	5.44	0.08
	Error	42		
pH	Site (site sex)	4	14.15	<b>&lt;0.0001</b>
	Site sex	1	0.45	0.54
	Error	42		

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