

SUPPLEMENTARY MATERIAL 2. Mean ( $\pm$ SE;  $n = 5$ ) cation exchange capacity (CEC) and soil pH compared statistically (unpaired Student's  $t$  test and  $P$  value) between 2 big sagebrush plant community soils used in seed germination experiments (wyomingensis = Wyoming big sagebrush [*Artemisia tridentata* ssp. *wyomingensis*] and vaseyana = mountain big sagebrush [*A. t.* ssp. *vaseyana*]).

Soil measure	vaseyana soil	wyomingensis soil	$t$	$P$
CEC (meq/100 g)	41.92 $\pm$ 0.22	19.62 $\pm$ 0.15	85.32	<0.0001
pH	7.30 $\pm$ 0.03	7.91 $\pm$ 0.01	-18.60	<0.0001