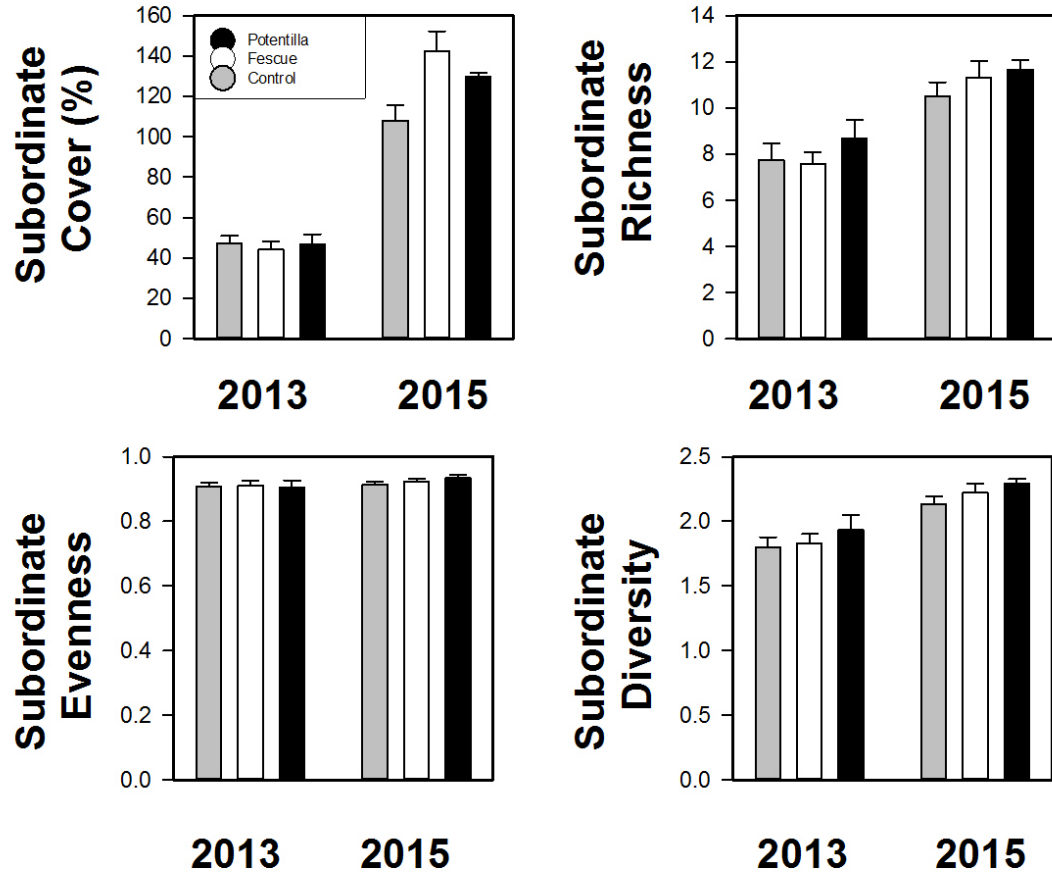
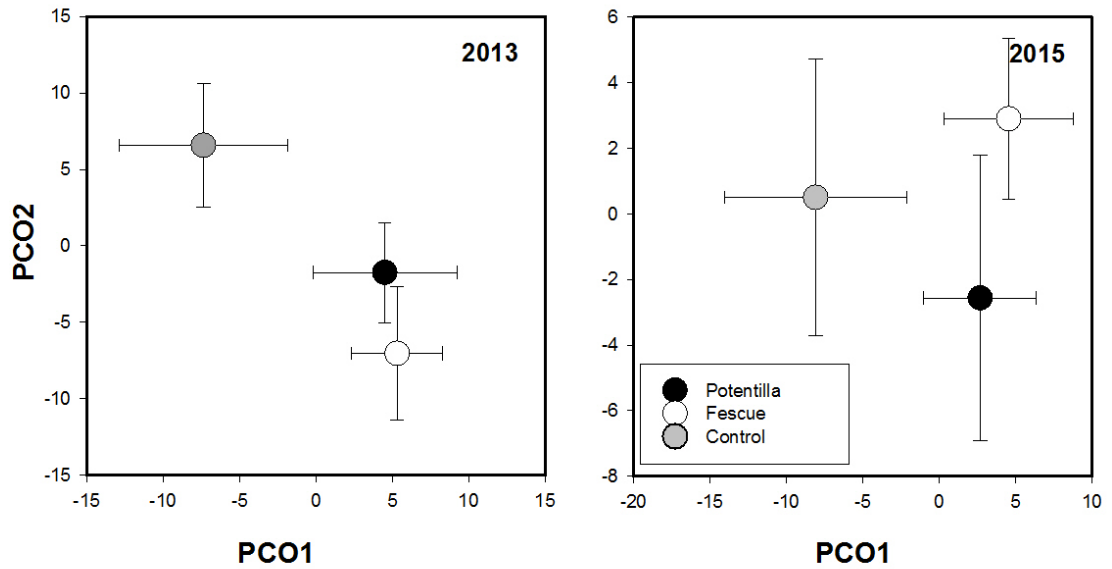


**Supplementary Figure 1.** Mean ( $\pm$  standard error) subordinate species' cover, richness, evenness and diversity across plant removal treatments (*Potentilla* removal, *Festuca* removal, no removal control) for growing seasons 2013 and 2015.



**Supplementary Figure 2.** Principal Coordinate Ordination (PCO) illustrating in a two-dimensional scale (PCO Axis 1 and PCO Axis 2) subordinate species composition across a plant removal treatments (*Potentilla* removal, *Festuca* removal, no removal control) for growing seasons 2013 and 2015.



**Appendix Table 1.** Plant species list and dominance category for montane meadows used in observational and field experimental study. Dominance category was determined based on Mariotte et al. 2014.

<b>Dominance Category</b>	<b>Species Identity</b>	<b>Dominance Category</b>	<b>Species Identity</b>
Subordinate	<i>Achillea millefolium</i>	Transient	<i>Ipomopsis aggregata</i>
Transient	<i>Achnatherum pinetorum</i>	Subordinate	<i>Lathyrus leucanthus</i>
Transient	<i>Agoseris aurantiaca</i>	Transient	<i>Linum lewisii</i>
Transient	<i>Androsace chamaejasme</i>	Transient	<i>Oxalis stricta</i>
Transient	<i>Artemisia ludiciviana</i>	Transient	<i>Oligosporus dracunculus</i>
Transient	<i>Bromalis spectabilis</i>	Transient	<i>Ranunculus inomaeus</i>
Subordinate	<i>Bromopsis inermis</i>	Transient	<i>Taraxacum officinale</i>
Transient	<i>Campanula douglasii</i>	Subordinate	<i>Thalictrum fendleri</i>
Transient	<i>Chenopodium douglasii</i>	Transient	<i>Tragopogon dubious</i>
Transient	<i>Collomia linearis</i>	Subordinate	<i>Vicia americana</i>
Transient	<i>Epilobium hornmannii</i>	Transient	<i>Viola nuttallii</i>
Dominant	<i>Erigeron speciosus</i>	Transient	<i>Viola scopulorum</i>
Dominant	<i>Festuca thurberi</i>	Transient	<i>Zigadin elegans</i>
Transient	<i>Fragaria Virginiana</i>	Transient	<i>Chenopodium sp.</i>
Subordinate	<i>Galium borealis</i>	Transient	<i>Eridgeron speciosa</i>
Transient	<i>Hackelia Florabanda</i>	Dominant	<i>Festuca thurberi</i>
Transient	<i>Helenium hoopesii</i>	Transient	<i>Ligusticum porteri</i>
Transient	<i>Heliomeris multiflora</i>	Transient	<i>Erigeron elatior</i>
Transient	<i>Helientella hopsii</i>	Transient	<i>Poa pratensis</i>
Transient	<i>Helianthella quinquenervis</i>	Dominant	<i>Potentilla gracilis</i>