9. Supplementary Material

Table S1. Burned area within the study area.

Fire frequency	Area (Km^2)	Percent of total area
0	8609	68
1	2884	23
2	926	7
3+	286	2

Table S2: Plant species encountered. *Astragalus* and *Lupinus* had two and three species, respectively, that were not able to be identified.

Species	Life Form	Origin
Achillea millefolium L.	Perennial Forb	Native
Agropyron cristatum (L.) Gaertn.	Perennial Graminoid	Introduced
Allium L.	Perennial Forb	Native
cf. *Allium* L.	Perennial Forb	Native
Alyssum desertorum Stapf	Annual Forb	Introduced
Amsinckia intermedia Fisch. & C.A. Mey.	Annual Forb	Native
Artemisia arbuscula Nutt.	Shrub	Native
Artemisia tridentata Nutt. ssp. *wyomingensis* Beetle & Young	Shrub	Native
Astragalus L.	Perennial Forb	Native
Bassia prostrata (L.) A.J. Scott	Subshrub	Introduced
Bromus tectorum L.	Annual Graminoid	Introduced
Calochortus bruneaunis A. Nelson & J.F. Macbr.	Perennial Forb	Native
Cardaria draba (L.) Desv.	Perennial Forb	Introduced
Ceratocephala testiculata (Crantz) Roth	Annual Forb	Introduced
Chrysothamnus viscidiflorus (Hook.) Nutt.	Shrub	Native
Collinsia parviflora Lindl.	Annual Forb	Native
Convulvulus L.	Perennial Forb	Introduced
Crepis occidentalis Nutt.	Perennial Forb	Native
Cryptantha Lehm. ex G. Don	Annual Forb	Native
Cymopteris Raf.	Perennial Forb	Native
Delphinium glaucum S. Watson	Perennial Forb	Native
Descurainia pinnata (Walter) Britton	Annual Forb	Native
Descurainia sophia (L.) Webb ex Prantl	Annual Forb	Introduced
Elymus cinereus (Scribn. & Merr.) Á. Löve	Perennial Graminoid	Native
Ericameria nauseosa (Pall. ex Pursh) G.L. Nesom & Baird	Shrub	Native
Ericameria teretifolia (Durand & Hilg.) Jeps.	Shrub	Native
Eriogonum cf. *umbellatum* Torr.	Perennial Forb	Native
Erodium cicutarium (L.) L'Hér. ex Aiton	Annual Forb	Introduced
Gayophytum ramosissimum Torr. & A. Gray	Annual Forb	Native
Grayia spinosa (Hook.) Moq.	Shrub	Native
Iva axillaris Pursh	Perennial Forb	Native
Lagophylla ramosissima Nutt.	Annual Forb	Native
Layia glandulosa (Hook.) Hook. & Arn.	Annual Forb	Native
Lepidium perfoliatum L.	Annual Forb	Introduced
Leymus elymoides (Raf.) Swezey	Perennial Graminoid	Native
Lupinus argenteus Pursh	Perennial Forb	Native
Lupinus L.	Perennial Forb	Native
Microsteris gracilis (Hook.) Greene	Annual Forb	Native
Pascopyrum smithii (Rydb.) Á. Löve	Perennial Graminoid	Native
Perideridia bolanderi (A. Gray) A. Nelson & J.F. Macbr.	Perennial Forb	Native
Pectocarya DC. ex Meisn.	Annual Forb	Native
Poa secunda J. Presl	Perennial Graminoid	Native
Phlox diffusa Benth.	Perennial Forb	Native
Senecio L.	Perennial Forb	Native
Sisymbrium altissimum L.	Annual Forb	Introduced
Stephanomeria pauciflora (Torr.) A. Nelson	Perennial Forb	Native
cf. *Symphyotrichum* Nees	Perennial Forb	Native

Species	Life Form	Origin
Taeniatherum caput-medusae (L.) Nevski	Annual Graminoid	Introduced
Tetradymia glabrata Torr. & A. Gray	Shrub	Native
Tetradymia spinosa Hook. & Arn.	Shrub	Native
Zigadenus Michx.	Perennial Forb	Native

Table S3: Observed richness and extrapolated richness by fire frequency, with small sample correction. Chao, 1^{st} and 2^{nd} order jackknife, and Bootstrap are methods of estimating unobserved species per pool.

Fire Frequency	Observed Richness	Chao ± se	1^{st} Order Jackknife ± se	2^{nd} Order Jackknife	Bootstrap ± se	n
Unburned	29	200 ± 188	46 ± 8	59	35 ± 4	7
1 Fire	24	40 ± 12	36 ± 6	43	29 ± 4	7
2 Fires	19	36 ± 15	28 ± 4	34	23 ± 2	7
3 Fires	13	18 ± 6	17 ± 3	19	14 ± 2	7