

## APPENDIX

**Appendix 1.** Plant species species occurring on control (unburned) or pre-treatment blocks (C) and post-treatment blocks following fall (F) or spring (S) burns in mechanically masticated chaparral in southwestern Oregon, USA.

Species <sup>a</sup>	Family	Treatment	Life form <sup>b</sup>
Native species			
<i>Achnatherum lemmonii</i> (Vasey) Barkworth	Poaceae	CF	pg
<i>Agoseris retrorsa</i> (Benth.) Greene	Asteraceae	CF	pf
<i>Amsinckia menziesii</i> (Lehm.) A. Nelson & J.F. Macbr. var. <i>intermedia</i> (Fisch. & C.A. Mey.) Ganders	Boraginaceae	CF	af
<i>Arctostaphylos viscida</i> Parry	Ericaceae	CFS	pw
<i>Bromus carinatus</i> Hook. & Arn.	Poaceae	CFS	pg
<i>Calystegia occidentalis</i> (A. Gray) Brummitt	Convolvulaceae	CFS	pf
<i>Ceanothus cuneatus</i> (Hook.) Nutt	Rhamnaceae	CSF	pw
<i>Cercocarpus betuloides</i> Nutt.	Rosaceae	C	pw
<i>Cirsium cymosum</i> (Greene) J.T. Howell	Asteraceae	CFS	pf
<i>Clarkia purpurea</i> (W. Curtis) A. Nelson & J.F. Macbr. ssp. <i>quadrivulnera</i> (Douglas ex Lindl.) F.H. Lewis & M.E. Lewis	Onagraceae	CFS	af
<i>Clarkia rhomboidea</i> Douglas ex Hook.	Onagraceae	CFS	af
<i>Collomia grandiflora</i> Douglas ex Lindl.	Polemoniaceae	CFS	af
<i>Cryptantha flaccida</i> (Douglas ex Lehm.) Greene	Boraginaceae	CFS	af
<i>Cynoglossum grande</i> Douglas ex Lehm.	Boraginaceae	S	pf
<i>Daucus pusillus</i> Michx.	Apiaceae	CFS	af
<i>Dichelostemma congestum</i> (Sm.) Kunth	Liliaceae	CFS	pf
<i>Elymus glaucus</i> Buckley	Poaceae	CFS	pg
<i>Elymus elymoides</i> (Raf.) Swezey	Poaceae	C	pg
<i>Epilobium</i> sp.	Onagraceae	C	af
<i>Eriophyllum lanatum</i> (Pursh) Forbes	Asteraceae	CFS	pw
<i>Festuca californica</i> Vasey	Poaceae	C	pg
<i>Festuca idahoensis</i> Elmer ssp. <i>roemeri</i> (Pavlick) S. Aiken	Poaceae	CF	pg
<i>Galium ambiguum</i> W. Wight	Rubiaceae	CFS	pf
<i>Galium aparine</i> L.	Rubiaceae	S	af
<i>Garrya fremontii</i> Torr.	Garryaceae	CS	pw
<i>Gayophytum diffusum</i> Torr. & A. Gray	Onagraceae	CFS	af

Species <sup>a</sup>	Family	Treatment	Life form <sup>b</sup>
Native species			
<i>Gilia capitata</i> Sims	Polemoniaceae	CFS	af
<i>Koeleria macrantha</i> (Ledeb.) Schult.	Poaceae	C	pg
<i>Leptosiphon bicolor</i> Nutt. ( <i>Linanthus bicolor</i> )	Polemoniaceae	CFS	af
<i>Lonicera hispidula</i> (Lindl.) Douglas ex Torr. & A. Gray	Caprifoliaceae	CFS	pw
<i>Lotus micranthus</i> Benth.	Fabaceae	CFS	af
<i>Madia</i> sp.	Asteraceae	CFS	af
<i>Monardella odoratissima</i> Benth.	Lamiaceae	CS	pf
<i>Penstemon deustus</i> Douglas ex Lindl.	Scrophulariaceae	CS	pf
<i>Phacelia heterophylla</i> Pursh	Hydrophyllaceae	CFS	pf
<i>Plagiobothrys nothofulvus</i> (A. Gray) A. Gray	Boraginaceae	CFS	pf
<i>Prunus subcordata</i> Benth.	Rosaceae	S	pw
<i>Quercus garryana</i> Douglas ex Hook.	Fagaceae	CFS	pw
<i>Sanicula graveolens</i> Poepp. ex DC.	Apiaceae	FS	pf
<i>Stephanomeria virgata</i> Benth.	Asteraceae	FS	af
<i>Thysanocarpus curvipes</i> Hook.	Brassicaceae	CFS	af
<i>Tonella tenella</i> (Benth.) A. Heller	Scrophulariaceae	CFS	af
<i>Toxicodendron diversilobum</i> (Torr. & A. Gray) Greene	Anacardiaceae	CFS	pw
<i>Vulpia microstachys</i> (Nutt.) Munro	Poaceae	CFS	ag
Non-native species			
<i>Aira caryophyllea</i> L.	Poaceae	CF	ag
<i>Anthoxanthum aristatum</i> Boiss.	Poaceae	CS	ag
<i>Avena fatua</i> L.	Poaceae	C	ag
<i>Bromus arvensis</i> L. ( <i>B. japonicus</i> )	Poaceae	CFS	ag
<i>Bromus hordeaceus</i> L.	Poaceae	CFS	ag
<i>Bromus rubens</i> L. ( <i>Bromus madritensis</i> )	Poaceae	CFS	ag
<i>Bromus tectorum</i> L.	Poaceae	CFS	ag
<i>Centaurea solstitialis</i> L.	Asteraceae	C	af
<i>Cynosurus echinatus</i> L.	Poaceae	C	ag
<i>Erodium cicutarium</i> (L.) L'Hér. ex Aiton	Geraniaceae	CFS	af
<i>Galium parisiense</i> L.	Rubiaceae	CFS	af
<i>Hypericum perforatum</i> L.	Hypericaceae	CFS	pf
<i>Lactuca serriola</i> L.	Asteraceae	FS	af
<i>Poa bulbosa</i> L.	Poaceae	CS	pg

<b>Species<sup>a</sup></b>	<b>Family</b>	<b>Treatment</b>	<b>Life form<sup>b</sup></b>
Non-native species			
<i>Stellaria media</i> (L.) Vill.	Caryophyllaceae	CFS	af
<i>Taeniatherum caput-medusae</i> (L.) Nevski	Poaceae	C	ag
<i>Torilis nodosa</i> (L.) Gaertn.	Apiaceae	CFS	af
<i>Tragopogon dubius</i> Scop.	Asteraceae	CS	af
<i>Verbascum thapsus</i> L.	Scrophulariaceae	S	pf
<i>Vulpia myuros</i> (L.) C.C. Gmel.	Poaceae	CFS	ag

<sup>a</sup> Species, common name, author, family, and origin according to USDA Plants Database (2008).

<sup>b</sup> Life form: perennial forb, pf; annual forb, af; perennial grass, pg; annual grass, ag; perennial woody subshrub, shrub, or tree, pw.