

Table 3: Indicator species for high severity burns and low severity/unburnt stands. Species highlighted in gray also favored multiple burns and/or thinned and burnt stands. Species in bold have a highly significant p -value (≤ 0.01).

Species	IndVal	<i>p</i> -value	Species	IndVal	<i>p</i> -value
Plants			Birds		
Indicators of high severity burns					
<i>Ceanothus integerrimus</i>	82	0.001	Spotted Towhee	79	0.001
<i>Madia</i> spp.	73	0.001	Lazuli Bunting	69	0.001
<i>Ribes</i> spp.	65	0.01	Nashville Warbler	62	0.012
<i>Melica</i> spp.	62	0.046	Western Wood-Pewee	61	0.001
<i>Elymus glaucus</i>	61	0.003	Northern Flicker	57	0.01
<i>Festuca microstachys</i>	59	0.001	MacGillivray's Warbler	54	0.008
<i>Rubus leucodermis</i>	59	0.02	Wrentit	54	0.001
<i>Asyneuma prenanthoides</i>	58	0.001	House Wren	48	0.011
<i>Solanum parishii</i>	56	0.002	Hummingbird sp.	48	0.01
<i>Rubus ursinus</i>	54	0.012	Acorn Woodpecker	44	0.085
<i>Collomia heterophylla</i>	53	0.06	Purple Finch	44	0.082
<i>Rubus parviflorus</i>	51	0.08	Lesser Goldfinch	38	0.021
<i>Agoseris</i> spp.	48	0.012	Bewick's Wren	33	0.076
<i>Calystegia occidentalis</i>	48	0.011	Bushtit	33	0.067
<i>Chamerion angustifolium</i>	48	0.005			
<i>Silene</i> spp.	45	0.034			
<i>Arctostaphylos</i> spp.	44	0.081			
<i>Quercus garryana</i>	44	0.078			
<i>Bromus carinatus</i>	43	0.01			
<i>Daucus pusillus</i>	43	0.005			
<i>Eriophyllum lanatum</i>	43	0.007			
<i>Achillea millefolium</i>	40	0.072			
<i>Dichelostemma</i> spp.	38	0.026			
<i>Hosackia crassifolia</i>	38	0.032			
<i>Fragaria vesca</i>	33	0.075			
<i>Sambucus nigra</i>	33	0.067			
Indicators of low severity/unburnt stands					
			Black-throated Gray/ Hermit Warbler	68	0.031
<i>Pseudotsuga menziesii</i>	74	0.008	Cassin's Vireo	66	0.033
<i>Anisocarpus madioides</i>	65	0.005	Red-breasted Nuthatch	63	0.001
<i>Iris</i> spp.	63	0.039	Chestnut-backed Chickadee	61	0.006
<i>Adenocaulon bicolor</i>	59	0.004	Hutton's Vireo	61	0.008
<i>Pinus lambertiana</i>	57	0.036	Brown Creeper	59	0.009
<i>Pyrola</i> spp.	56	0.009	Hermit Thrush	40	0.025
<i>Osmorrhiza berteroi</i>	52	0.043			
<i>Chimaphila umbellata</i>	49	0.004			
<i>Viola lobata</i>	49	0.015			
<i>Abies concolor</i>	43	0.074			

<i>Goodyera oblongifolia</i>	43	0.04
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