

Percent frequency of species on burned and unburned plots before disturbances and 1, 2, 3, 5, and 11 years following logging and fire.

Treatment		Unburned (n=14)						Spring burn (n=20)						Fall burn (n=15)					
Postfire year		before logging	1	2	3	5	11	before logging	1	2	3	5	11	before logging	1	2	3	5	11
Trees																			
subalpine fir	<i>Abies lasiocarpa</i>	43	43	43	43	71	71	0	5	5	5	5	5	33	0	0	0	0	0
Engelmann spruce	<i>Picea engelmannii</i>	14	36	36	36	50	29	10	5	5	5	5	75	20	0	0	0	0	60
Shrubs																			
menziesia	<i>Menziesia ferruginea</i>	100	100	100	100	100	100	95	70	60	85	85	85	93	47	80	87	93	100
Cascade azalea	<i>Rhododendron albiflorum</i>	50	43	57	50	57	57	90	60	65	65	70	70	33	27	47	27	33	33
bristly black currant*	<i>Ribes lacustre</i>	64	71	79	79	79	79	15	10	35	25	35	40	47	53	47	60	67	80
red elderberry	<i>Sambucus racemosa</i> var. <i>racemosa</i>	7	14	7	7	7	7	0	70	75	80	65	60	0	53	47	53	40	27
western mountain ash	<i>Sorbus sitchensis</i>	0	0	0	0	0	0	5	5	5	5	5	5	13	0	7	7	7	7
big huckleberry	<i>Vaccinium membranaceum</i>	93	93	93	93	93	93	95	95	100	100	100	100	87	80	100	100	100	100
ovalleaf huckleberry	<i>V. ovalifolium</i>	79	93	93	100	93	93	95	45	75	80	80	80	100	60	73	87	93	93
Herbs																			
pearly pussytoes	<i>Antennaria anaphaloides</i>	0	0	0	0	0	0	0	0	10	25	60	75	0	0	7	7	13	40
heartleaf arnica	<i>Arnica cordifolia</i>	43	36	43	57	36	14	50	70	70	65	85	90	47	40	60	60	67	47
lady fern	<i>Athyrium filix-femina</i>	50	50	50	50	57	50	10	10	15	10	15	20	53	33	40	47	47	47
bluejoint reedgrass	<i>Calamagrostis canadensis</i>	14	14	21	21	21	14	5	0	10	10	10	10	0	7	20	20	13	20
dryspike sedge	<i>Carex foenea</i> var. <i>foenea</i>	0	0	0	0	0	0	0	5	5	10	10	10	0	0	0	0	0	0
sedges	<i>Carex</i> spp.	0	7	0	0	0	0	0	30	35	45	35	20	0	7	13	27	47	33
fireweed	<i>Chamerion angustifolium</i>	7	29	21	36	50	57	0	80	100	100	100	100	0	60	67	93	93	87

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queencup beadlily	<i>Clintonia uniflora</i>	57	50	57	57	64	57	45	35	40	40	45	50	40	47	47	47	47	47
spreading woodfern	<i>Dryopteris expansa</i>	36	43	36	36	29	29	15	0	0	0	0	0	33	33	27	33	33	27
fringed willowherb	<i>Epilobium ciliatum</i>	7	7	0	0	0	0	0	15	85	65	15	0	0	0	13	13	7	7
willowherb	<i>Epilobium</i> spp.	0	0	0	0	0	0	0	10	25	0	0	0	0	20	7	7	7	0
sweetscented bedstraw	<i>Galium triflorum</i>	7	7	7	7	7	0	0	0	0	0	0	0	7	0	7	7	7	13
oak fern	<i>Gymnocarpium dryopteris</i>	100	100	100	100	100	100	95	80	80	85	80	90	100	87	93	93	100	100
white hawkweed	<i>Hieracium albiflorum</i>	0	7	7	7	14	7	0	0	20	30	60	70	0	0	0	7	20	40
smallflowered woodrush	<i>Luzula parviflora</i>	7	7	0	7	29	14	10	30	40	40	65	85	33	33	13	33	53	67
Brewer's miterwort	<i>Mitella breweri</i>	12	93	100	100	93	79	80	40	75	75	80	85	60	60	80	80	80	80
sweetcicely	<i>Osmorhiza berteroi</i>	14	29	14	14	36	0	20	5	10	10	10	20	33	60	53	60	47	33
strawberryleaf raspberry	<i>Rubus pedatus</i>	36	36	50	43	50	57	30	0	0	0	10	15	33	13	20	20	33	27
claspleaf twistedstalk	<i>Streptopus amplexifolius</i>	0	0	0	7	7	0	0	0	0	0	0	0	13	27	53	47	20	13
twistedstalk	<i>Streptopus lanceolatus</i>	100	100	100	100	100	100	100	85	95	100	100	100	100	93	100	100	100	100
threeleaf foamflower	<i>Tiarella trifoliata var. trifoliata</i>	36	21	14	0	0	7	20	0	5	0	10	5	20	0	0	0	0	0
oneleaf foamflower	<i>Tiarella trifoliata var. unifoliata</i>	12	100	100	100	100	93	100	90	95	95	95	95	93	93	100	100	100	87
Sitka valerian	<i>Valeriana sitchensis</i>	100	100	100	100	100	100	95	70	65	75	95	90	93	93	100	100	87	100
green false hellebore	<i>Veratrum viride</i>	12	12	12	93	93	93	60	50	60	65	70	70	87	80	87	87	87	87
pioneer violet	<i>Viola glabella</i>	64	71	79	71	57	57	45	45	60	45	45	50	67	73	80	87	73	80