

Table 6-6  
Parker Flats Phase II  
2014 Cover and Frequency of Herbaceous Species  
After Vegetation Cutting (6 Quadrats)

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Post-activity Data 2012 (Year 3)				
		Six Quadrats in Cut Vegetation in Parker Flats Phase II				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Relative Percent Cover	Frequency
Trees						
<i>Quercus agrifolia</i>	coast live oak	1.2%	2.9%	2.4%	15.8%	16.7%
Total Cover by Native Tree Species		1.2%			16.0%	
Shrub and Subshrubs						
<i>Acmispon glaber</i>	deerweed	1.69%	4.1%	3.3%	22.9%	33.3%
<i>Toxicodendron divesilobum</i>	poison-oak	0.1%	0.2%	0.2%	1.1%	16.7%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	0.1%	0.2%	0.1%	0.9%	16.7%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	0.3%	0.8%	0.7%	4.5%	16.7%
<i>Artemisia californica</i>	California sagebrush	0.0%	0.0%	0.0%	0.1%	16.7%
<i>Eriodictyon californicum</i>	yerba santa	0.1%	0.2%	0.1%	0.9%	16.7%
Total Cover by Native Shrub and Subshrub Species		2.2%			30.8%	
Herbaceous Species						
<i>Acmispon strigosus</i>	Bishop's lotus	0.0%	-	-	-	0.0%
<i>Dichelostemma capitatum</i> subsp. <i>capitatum</i>	blue dicks, wild hyacinth	0.0%	0.1%	0.0%	0.3%	16.7%
<i>Galium californicum</i> subsp. <i>californicum</i>	California bedstraw	0.2%	0.3%	0.2%	2.5%	50.0%
<i>Melica imperfecta</i>	Coast Range melic	0.0%	-	-	-	0%
<i>Pseudognaphalium californicum</i>	California everlasting	0.0%	-	-	-	0%
<i>Pseudognaphalium canescens</i>	white everlasting	0.0%	-	-	-	0%
<i>Pterostegia drymarioides</i>	fairy mist	0.0%	-	-	-	0%
<i>Stipa pulchra</i>	purple needgrass	0.3%	0.8%	0.7%	4.5%	16.7%
<i>Triodanis perfoliata</i>	venus' looking-glass	0.0%	-	-	-	0.0%
Total Cover by Native Herbaceous Species		0.5%			14.0%	
<i>Aira caryophyllea</i> *	common silver-hair grass	0.7%	1.2%	0.9%	9.7%	66.7%
<i>Anagallis arvensis</i> *	scarlet pimpernel	0.0%	0.0%	0.0%	0.1%	16.7%
<i>Avena barbarta</i> *	slender wild oat	0.0%	-	-	-	0%
<i>Briza minor</i> *	little rattlesnake grass	0.0%	-	-	-	0%
<i>Bromus diandrus</i> *	ripgut brome	0.1%	0.2%	0.2%	1.1%	16.7%
<i>Bromus hordeaceus</i> *	soft chess	0.1%	0.3%	0.2%	1.5%	16.7%
<i>Bromus madritensis</i> subsp. <i>rubens</i> *	red brome	0.1%	0.3%	0.2%	1.5%	16.7%
<i>Cerastium glomeratum</i> *	mouse-eared chickweed	0.0%	-	-	-	0%
<i>Dianthus</i> sp*	pink	0.0%	-	-	-	0%
<i>Erodium botrys</i> *	long-beaked filaree	0.0%	-	-	-	0.0%
<i>Erodium cicutarium</i> *	red-stemmed filaree	0.2%	0.3%	0.2%	2.3%	33.3%
<i>Festuca myuros</i> *	rattail fescue	0.6%	0.7%	0.6%	8.4%	83.3%
<i>Hypochaeris glabra</i> *	smooth cat's ear	1.3%	1.9%	1.5%	17.3%	83.3%
<i>Logfia gallica</i> *	narrowleaf cottonrose	0.0%	0.1%	0.0%	0.3%	16.7%
<i>Silene gallica</i> *	windmill pink	0.2%	0.2%	0.2%	2.6%	50.0%
<i>Trifolium angustifolium</i> *	narrowleaf crimson clover	0.0%	0.1%	0.0%	0.3%	16.7%
<i>Trifolium hirtum</i> *	rose clover	0.0%	-	-	-	0.0%
Total Cover by Non-Native Herbaceous Species		3.3%				
Total Cover by Non-native Grass Cover		1.0%				
Total Cover by Herbaceous Species		3.9%			53.2%	
Total Mean Percent All Vegetative Cover		7.3%				
Total Mean Percent Native Vegetative Cover		4.0%				
Total Mean Percent Bare ground		92.7%				

\*non-native species

HMP species in bold

Note: Not all species observed along transects listed in this table

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Parker Flats Phase II  
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After Vegetation Cutting (6 Quadrats)

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Post-activity Data 2014 (Year 5)				
		Six Quadrats in Cut Vegetation in Parker Flats Phase II				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Relative Percent Cover	Frequency
Trees						
<i>Quercus agrifolia</i>	coast live oak	4.2%	10.2%	8.4%	26.6%	16.7%
Total Cover by Native Tree Species		4.2%			26.6%	
Shrub and Subshrubs						
<i>Acmispon glaber</i>	deerweed	0.1%	0.2%	0.2%	0.5%	16.7%
<i>Toxicodendron divesilobum</i>	poison-oak	0.8%	2.0%	1.7%	5.3%	16.7%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	0.2%	0.5%	0.4%	1.3%	16.7%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	0.4%	0.6%	0.5%	2.7%	33.3%
<i>Artemisia californica</i>	California sagebrush	0.0%	--	--	--	0%
<i>Eriodictyon californicum</i>	yerba santa	0.0%	--	--	--	0%
Total Cover by Native Shrub and Subshrub Species		1.5%			9.8%	
Herbaceous Species						
<i>Acmispon strigosus</i>	Bishop's lotus	0.0%	0.1%	0.1%	0.3%	17%
<i>Dichelostemma capitatum</i> subsp. <i>capitatum</i>	blue dicks, wild hyacinth	0.0%	0.1%	0.1%	0.3%	16.7%
<i>Galium californicum</i> subsp. <i>californicum</i>	California bedstraw	0.0%	-	-	-	0.0%
<i>Melica imperfecta</i>	Coast Range melic	0.1%	0.2%	0.2%	0.5%	16.7%
<i>Pseudognaphalium californicum</i>	California everlasting	0.1%	0.2%	0.2%	0.5%	16.7%
<i>Pseudognaphalium canescens</i>	white everlasting	0.0%	0.1%	0.1%	0.3%	16.7%
<i>Pterostegia drymarioides</i>	fairy mist	0.1%	0.1%	0.1%	0.5%	33.3%
<i>Stipa pulchra</i>	purple needgrass	1.3%	3.1%	2.5%	8.0%	17%
<i>Triodanis perfoliata</i>	venus' looking-glass	0.0%	0.1%	0.1%	0.3%	17%
Total Cover by Native Herbaceous Species		1.7%			16.7%	
<i>Aira caryophyllea</i> *	common silver-hair grass	0.0%	-	-	-	0%
<i>Anagallis arvensis</i> *	scarlet pimpernel	0.2%	0.3%	0.2%	1.1%	33%
<i>Avena barbarta</i> *	slender wild oat	0.0%	0.1%	0.1%	0.3%	16.7%
<i>Briza minor</i> *	little rattlesnake grass	0.0%	0.1%	0.1%	0.3%	16.7%
<i>Bromus diandrus</i> *	ripgut brome	2.3%	5.6%	4.6%	14.6%	16.7%
<i>Bromus hordeaceus</i> *	soft chess	0.2%	0.3%	0.3%	1.3%	33%
<i>Bromus madritensis</i> subsp. <i>rubens</i> *	red brome	0.6%	1.0%	0.8%	4.0%	50.0%
<i>Cerastium glomeratum</i> *	mouse-eared chickweed	0.1%	0.2%	0.2%	0.5%	16.7%
<i>Dianthus</i> sp*	pink	0.1%	0.1%	0.1%	0.5%	33.3%
<i>Erodium botrys</i> *	long-beaked filaree	0.2%	0.5%	0.4%	1.3%	16.7%
<i>Erodium cicutarium</i> *	red-stemmed filaree	0.0%	-	-	-	0.0%
<i>Festuca myuros</i> *	rattail fescue	0.3%	0.3%	0.2%	1.9%	66.7%
<i>Hypochaeris glabra</i> *	smooth cat's ear	3.7%	6.0%	5.0%	23.7%	83.3%
<i>Logfia gallica</i> *	narrowleaf cottonrose	0.0%	0.1%	0.1%	0.3%	17%
<i>Silene gallica</i> *	windmill pink	0.1%	0.2%	0.2%	0.5%	17%
<i>Trifolium angustifolium</i> *	narrowleaf crimson clover	0.0%	-	-	-	0%
<i>Trifolium hirtum</i> *	rose clover	0.4%	1.0%	0.8%	2.7%	17%
Total Cover by Non-Native Herbaceous Species		8.3%				
Total Cover by Non-native Grass Cover		3.2%				
Total Cover by Herbaceous Species		10.0%			63.6%	
Total Mean Percent All Vegetative Cover		15.7%				
Total Mean Percent Native Vegetative Cover		7.4%				
Total Mean Percent Bare ground		84.3%				

\*non-native species

HMP species in bold

Note: Not all species observed along transects listed in this table