

Table 6-5
Parker Flats
Vegetation Cover in Central Coastal Scrub Areas Subject to Vegetation Cutting Conducted in 2008

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Baseline Data 2008				
		Three Transects in Cut Coastal Sage Scrub Vegetation				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	2.2%	3.1%	5.3%	2.0%	66.7%
Total Mean Percent Native Tree Cover		2.2%			2.8%	
Shrub and Sub-shrub Species						
<i>Salvia mellifera</i>	black sage	33.0%	11.6%	19.6%	30.3%	100%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	14.2%	12.5%	21.1%	13.0%	100%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	7.5%	3.3%	5.6%	6.8%	100%
<i>Toxicodendron diversilobum</i>	poison-oak	7.1%	9.1%	15.3%	6.5%	100%
<i>Artemisia californica</i>	California sagebrush	6.9%	11.9%	20.1%	6.3%	33.3%
<i>Eriodictyon californicum</i>	California yerba santa	5.1%	3.9%	6.6%	4.6%	100%
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	1.3%	2.2%	3.7%	1.2%	33.3%
<i>Ribes speciosum</i>	fuchsia-flowered gooseberry	0.9%	1.5%	2.5%	0.8%	33.3%
<i>Eriophyllum confertiflorum</i>	golden yarrow	0.0%	--	--	0.0%	0%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	--	--	0.0%	0%
<i>Acmipson glaber</i>	deerweed	0.0%	--	--	0.0%	0%
Total Mean Percent Native Shrub and Subshrub Cover		75.9%			96.9%	
Total Combined Mean Native Cover Between Shrubs and Subshrubs		0.2%	0.2%	0.3%	0.2%	66.7%
Target Mean Weed Total (<i>Carpobrotus edulis</i>)		0.0%	--	--	0.0%	0%
Total Mean Percent Native Vegetative Cover		78.3%				
Total Mean Percet Bare Ground (Including Masticated Vegetation)		30.8%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		--	--	--	--	--
Total Mean Percent Bare Ground		30.8%	14.0%	23.7%	28.2%	100%

HMP Species in Bold

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

Table 6-5
Parker Flats
Vegetation Cover in Central Coastal Scrub Areas Subject to Vegetation Cutting Conducted in 2008

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Scientific Name	Common Name	Post-activity Data 2012 (Year 3)				
		Three Transects in Cut Coastal Sage Scrub Vegetation				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	3.4%	3.1%	5.2%	3.1%	66.7%
Total Mean Percent Native Tree Cover		3.4%			3.9%	
Shrub and Sub-shrub Species						
<i>Salvia mellifera</i>	black sage	3.43%	4.1%	7.0%	3.1%	100%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	13.61%	7.5%	12.7%	12.4%	100%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	14.35%	13.2%	22.2%	13.1%	100%
<i>Toxicodendron diversilobum</i>	poison-oak	3.11%	1.9%	3.3%	2.8%	100%
<i>Artemisia californica</i>	California sagebrush	0.77%	1.3%	2.2%	0.7%	33.3%
<i>Eriodictyon californicum</i>	California yerba santa	6.95%	4.5%	7.6%	6.3%	100%
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	0.00%	--	--	0.0%	0.0%
<i>Ribes speciosum</i>	fuchsia-flowered gooseberry	0.07%	0.1%	0.2%	0.1%	33.3%
<i>Eriophyllum confertiflorum</i>	golden yarrow	1.10%	1.6%	2.6%	1.0%	67%
<i>Lepechinia calycina</i>	pitcher sage	0.07%	0.1%	0.2%	0.1%	33%
<i>Acmipson glaber</i>	deerweed	13.51%	7.7%	13.0%	12.3%	100%
Total Mean Percent Native Shrub and Subshrub Cover		57.0%			64.9%	
Total Combined Mean Native Cover Between Shrubs and Subshrubs		27.4%	19.6%	33.0%	25.1%	100%
Target Mean Weed Total (<i>Carpobrotus edulis</i>)		0.0%	--	--	0.0%	0%
Total Mean Percent Native Vegetative Cover		87.8%				
Total Mean Percet Bare Ground (Including Masticated Vegetation)		21.6%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		--	--	--	--	--
Total Mean Percent Bare Ground		21.6%	8.1%	13.7%	19.8%	100%

HMP Species in Bold

Note: Not all species observed alor

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Parker Flats
Vegetation Cover in Central Coastal Scrub Areas Subject to Vegetation Cutting Conducted in 2008

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Scientific Name	Common Name	Post-activity Data 2014 (Year 5)				
		Three Transects in Cut Coastal Sage Scrub Vegetation				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	1.9%	1.7%	0.7%	2.8%	66.7%
Total Mean Percent Native Tree Cover		1.9%			2.7%	
Shrub and Sub-shrub Species						
<i>Salvia mellifera</i>	black sage	4.3%	4.9%	2.1%	6.5%	100%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	10.3%	6.9%	2.9%	15.4%	100%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	11.3%	10.6%	4.5%	16.9%	66.7%
<i>Toxicodendron diversilobum</i>	poison-oak	3.7%	4.2%	1.8%	5.5%	66.7%
<i>Artemisia californica</i>	California sagebrush	2.3%	4.0%	1.7%	3.5%	33.3%
<i>Eriodictyon californicum</i>	California yerba santa	2.9%	2.7%	1.1%	4.3%	66.7%
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	2.3%	4.0%	1.7%	3.5%	33%
<i>Ribes speciosum</i>	fuchsia-flowered gooseberry	0.2%	0.3%	0.1%	0.3%	33.3%
<i>Eriophyllum confertiflorum</i>	golden yarrow	0.3%	0.5%	0.2%	0.4%	33.3%
<i>Lepechinia calycina</i>	pitcher sage	0.2%	0.3%	0.1%	0.3%	33.3%
<i>Acmipson glaber</i>	deerweed	0.0%	--	--	0.0%	0%
Total Mean Percent Native Shrub and Subshrub Cover		37.7%			54.6%	
Total Combined Mean Native Cover Between Shrubs and Subshrubs		29.5%	21.4%	9.0%	44.2%	100%
Target Mean Weed Total (<i>Carpobrotus edulis</i>)		0.0%	--	--	0.0%	0%
Total Mean Percent Native Vegetative Cover		69.1%				
Total Mean Percet Bare Ground (Including Masticated Vegetation)		26.9%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		19.3%	5.2%	2.2%	--	100%
Total Mean Percent Bare Ground		7.6%	7.2%	3.1%	--	66.7%

HMP Species in Bold

Note: Not all species observed alor