

Table 6-1 Future East Garrison MRA Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011						
Scientific Name	Common Name	Baseline Data 2010 - 2011				
		Thirty-nine Transects				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.7%	3.5%	0.9%	0.7%	12.8%
Total Mean Percent Native Tree Cover		0.7%			0.7%	
Shrub and Sub-Shrub Species						
<i>Arctostaphylos crustacea</i> subsp. <i>crustacea</i>	brittleleaf manzanita	45.8%	32.3%	8.7%	41.8%	89.7%
<i>Adenostoma fasciculatum</i>	chamise	27.4%	22.4%	6.0%	25.0%	100%
<i>Salvia mellifera</i>	black sage	7.2%	15.5%	4.2%	6.6%	56.4%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	2.1%	4.1%	1.1%	1.9%	59.0%
<i>Acmipson glaber</i>	deerweed	0.1%	0.4%	0.1%	0.1%	2.6%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	2.2%	4.1%	1.1%	2.0%	48.7%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	1.3%	3.5%	0.9%	1.2%	20.5%
<i>Crocanthemum scoparium</i>	rush-rose	0.0%	0.0%	0.0%	0.0%	5.1%
<i>Arctostaphylos montereyensis</i>	Toro manzanita	14.4%	19.8%	5.3%	13.1%	64.1%
<i>Rubus ursinus</i>	California blackberry	0.0%	--	--	0.0%	0.0%
<i>Symphorocarpus mollis</i>	creeping snowberry	0.0%	--	--	0.0%	0.0%
<i>Eriophyllum confertiflorum</i>	golden yarrow	0.0%	0.1%	0.0%	0.0%	5.1%
<i>Garrya elliptica</i>	coast silk tassel	1.5%	3.9%	1.0%	1.4%	28.2%
<i>Heteromeles arbutifolia</i>	toyon	1.0%	2.7%	0.7%	1.0%	17.9%
<i>Ericameria ericoides</i>	dune-heather, mock-heather	0.7%	3.9%	1.1%	0.6%	5.1%
<i>Ceanothus dentatus</i>	dwarf ceanothus	0.0%	0.1%	0.0%	0.0%	2.6%
<i>Ceanothus rigidus</i>	Monterey ceanothus	1.5%	2.2%	0.6%	1.4%	48.7%
<i>Toxicodendron diversilobum</i>	poison-oak	0.4%	1.4%	0.4%	0.4%	10.3%
<i>Rosa gymnocarpa</i> var. <i>gymnocarpa</i>	wood rose	0.0%	--	--	0.0%	0.0%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	0.0%	0.2%	0.0%	0.0%	2.6%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	0.3%	0.1%	0.0%	2.6%
<i>Ribes malvaceum</i>	chaparral currant	0.1%	0.6%	0.2%	0.1%	5.1%
<i>Ceanothus thyrsiflorus</i>	blue blossom	0.3%	1.8%	0.5%	0.3%	5.1%
<i>Artemisia californica</i>	California sagebrush	0.3%	1.4%	0.4%	0.2%	5.1%
<i>Croton californicus</i>	California croton	0.1%	0.3%	0.1%	0.1%	5.1%
<i>Arctostaphylos hookerii</i>	Hooker's manzanita	0.0%	--	--	0.0%	0.0%
Total Mean Percent Native Shrub and Subshrub Cover		106.3%			97.5%	
Total Combined Mean Native Herbaceous Cover Between Shrubs and Subshrubs		2.0%	4.4%	1.2%	--	51.3%
Target Mean Weed Total (<i>Carpobrotus edulis</i>)		0.4%	2.7%	0.7%	0.4%	2.6%
Total Mean Percent Native Vegetative Cover		109.0%				
Total Bare Ground (Including Masticated Vegetation)		7.1%				
Total Mean Percent Masticated Vegetation (calculated in 2014 only)						
Total Mean Percent Bare Ground		7.1%	10.7%	--	--	84.6%
HMP Species in Bold						

HMP Species in Bold

Table 6-1 Future East Garrison MRA Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011						
Scientific Name	Common Name	Post-activity Data 2013 (Year 3)				
		Six Transects (in Grid Cells Veg Cut in 2010)				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.7%	1.5%	1.3%	0.9%	33.3%
Total Mean Percent Native Tree Cover		0.7%			0.9%	
Shrub and Sub-Shrub Species						
<i>Arctostaphylos crustacea</i> subsp. <i>crustacea</i>	brittleleaf manzanita	15.2%	10.4%	8.6%	21.3%	83.3%
<i>Adenostoma fasciculatum</i>	chamise	8.6%	6.2%	5.1%	12.0%	100%
<i>Salvia mellifera</i>	black sage	1.8%	3.5%	2.9%	2.5%	33.3%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	4.5%	4.4%	3.6%	6.3%	100%
<i>Acmipson glaber</i>	deerweed	7.6%	17.2%	14.1%	10.7%	50.0%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	9.1%	9.7%	7.9%	12.8%	33.3%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	1.0%	2.3%	1.9%	1.3%	16.7%
<i>Crocanthemum scoparium</i>	rush-rose	2.3%	2.2%	1.8%	3.2%	83.3%
<i>Arctostaphylos montereyensis</i>	Toro manzanita	0.1%	0.3%	0.2%	0.2%	33.3%
<i>Rubus ursinus</i>	California blackberry	0.0%	--	--	0.0%	0.0%
<i>Symphorocarpus mollis</i>	creeping snowberry	0.0%	--	--	0.0%	0.0%
<i>Eriophyllum confertiflorum</i>	golden yarrow	1.4%	3.4%	2.8%	2.0%	33.3%
<i>Garrya elliptica</i>	coast silk tassel	0.1%	0.2%	0.2%	0.1%	16.7%
<i>Heteromeles arbutifolia</i>	toyon	0.6%	1.0%	0.8%	0.9%	33.3%
<i>Ericameria ericoides</i>	dune-heather, mock-heather	0.0%	--	--	0.0%	0.0%
<i>Ceanothus dentatus</i>	dwarf ceanothus	0.0%	--	--	0.0%	0.0%
<i>Ceanothus rigidus</i>	Monterey ceanothus	0.7%	1.2%	1.0%	0.9%	66.7%
<i>Toxicodendron diversilobum</i>	poison-oak	0.0%	--	--	0.0%	0.0%
<i>Rosa gymnocarpa</i> var. <i>gymnocarpa</i>	wood rose	0.0%	--	--	0.0%	0.0%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	0.0%	--	--	0.0%	0.0%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	--	--	0.0%	0.0%
<i>Ribes malvaceum</i>	chaparral currant	0.5%	1.1%	0.9%	0.7%	16.7%
<i>Ceanothus thyrsiflorus</i>	blue blossom	0.2%	0.4%	0.3%	0.3%	33.3%
<i>Artemisia californica</i>	California sagebrush	0.0%	--	--	0.0%	0.0%
<i>Croton californicus</i>	California croton	0.0%	--	--	0.0%	0.0%
<i>Arctostaphylos hookerii</i>	Hooker's manzanita	0.1%	0.2%	0.2%	0.1%	16.7%
Total Mean Percent Native Shrub and Subshrub Cover		53.8%			75.4%	
Total Combined Mean Native Herbaceous Cover Between Shrubs and Subshrubs		16.8%	18.2%	15.0%	--	100.0%
Target Mean Weed Total (<i>Carpobrotus edulis</i>)		0.0%	--	--	--	0.0%
Total Mean Percent Native Vegetative Cover		71.3%				
Total Bare Ground (Including Masticated Vegetation)		34.8%				
Total Mean Percent Masticated Vegetation (calculated in 2014 only)						
Total Mean Percent Bare Ground		34.8%	10.4%	--	--	100.0%
HMP Species in Bold						

HMP Species in Bold

Table 6-1 Future East Garrison MRA Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011						
Scientific Name	Common Name	Post-activity Data 2014 (Year 3)				
		Seventeen Transects (in Grid Cells Veg Cut in 2011)				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.3%	0.8%	0.3%	0.5%	29.4%
Total Mean Percent Native Tree Cover		0.3%			0.5%	
Shrub and Sub-Shrub Species						
<i>Arctostaphylos crustacea</i> subsp. <i>crustacea</i>	brittleleaf manzanita	22.9%	18.0%	7.6%	34.3%	82.4%
<i>Adenostoma fasciculatum</i>	chamise	9.3%	8.8%	3.7%	14.0%	94.1%
<i>Salvia mellifera</i>	black sage	4.5%	6.3%	2.7%	6.7%	58.8%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	3.7%	5.5%	2.3%	5.6%	64.7%
<i>Acmipson glaber</i>	deerweed	3.5%	4.2%	1.8%	5.3%	70.6%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	2.9%	5.5%	2.3%	4.4%	58.8%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	1.8%	3.4%	1.4%	2.7%	29.4%
<i>Crocanthemum scoparium</i>	rush-rose	1.6%	1.9%	0.8%	2.4%	76.5%
<i>Arctostaphylos montereyensis</i>	Toro manzanita	1.6%	3.5%	1.5%	2.3%	35.3%
<i>Rubus ursinus</i>	California blackberry	1.3%	5.0%	2.1%	1.9%	11.8%
<i>Symphorocarpus mollis</i>	creeping snowberry	1.0%	3.2%	1.3%	1.5%	29.4%
<i>Eriophyllum confertiflorum</i>	golden yarrow	1.0%	1.2%	0.5%	1.5%	64.7%
<i>Garrya elliptica</i>	coast silk tassel	0.8%	1.8%	0.7%	1.2%	29.4%
<i>Heteromeles arbutifolia</i>	toyon	0.5%	1.3%	0.6%	0.7%	17.6%
<i>Ericameria ericoides</i>	dune-heather, mock-heather	0.5%	1.4%	0.6%	0.7%	11.8%
<i>Ceanothus dentatus</i>	dwarf ceanothus	0.2%	0.7%	0.3%	0.4%	17.6%
<i>Ceanothus rigidus</i>	Monterey ceanothus	0.2%	0.4%	0.2%	0.4%	35.3%
<i>Toxicodendron diversilobum</i>	poison-oak	0.2%	0.5%	0.2%	0.3%	17.6%
<i>Rosa gymnocarpa</i> var. <i>gymnocarpa</i>	wood rose	0.2%	0.6%	0.3%	0.2%	5.9%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	0.0%	0.2%	0.1%	0.1%	5.9%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	0.1%	0.1%	0.1%	5.9%
<i>Ribes malvaceum</i>	chaparral currant	0.0%	0.0%	0.0%	0.0%	5.9%
<i>Ceanothus thyrsiflorus</i>	blue blossom	0.0%	--	--	0.0%	0.0%
<i>Artemisia californica</i>	California sagebrush	0.0%	--	--	0.0%	0.0%
<i>Croton californicus</i>	California croton	0.0%	--	--	0.0%	0.0%
<i>Arctostaphylos hookerii</i>	Hooker's manzanita	0.0%	--	--	0.0%	0.0%
Total Mean Percent Native Shrub and Subshrub Cover		57.8%			86.9%	
Total Combined Mean Native Herbaceous Cover Between Shrubs and Subshrubs		8.4%	14.0%	5.9%	--	70.6%
Target Mean Weed Total (<i>Carpobrotus edulis</i>)		0.3%	0.7%	0.3%	0.5%	20.0%
Total Mean Percent Native Vegetative Cover		66.5%				
Total Bare Ground (Including Masticated Vegetation)		36.4%				
Total Mean Percent Masticated Vegetation (calculated in 2014 only)		21.3%	11.4%	4.8%		
Total Mean Percent Bare Ground		15.1%	9.3%	4.0%	--	100%
HMP Species in Bold						

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