

Table 6-9
Interim Action Ranges MRA North Range 44 SCAs
Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Twenty-nine Baseline Transects				
		Baseline Data 2010 - 2011 (all IAR MRA baseline transects)				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.0%	0.0%	--	0.0%	0.0%
Total Cover by Native Tree Species		0.0%			0%	
Shrub and Sub-shrub Species						
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	29.3%	15.6%	9.0%	31.0%	100%
<i>Ceanothus rigidus</i>	Monterey ceanothus	13.5%	9.3%	5.4%	14.3%	96.6%
<i>Ceanothus dentatus</i>	dwarf ceanothus	20.2%	16.0%	9.2%	21.4%	89.7%
<i>Adenostoma fasciculatum</i>	chamise	9.0%	6.9%	4.0%	9.5%	89.7%
<i>Crocanthemum scoparium</i>	rush-rose	8.1%	9.1%	5.3%	8.6%	86.2%
<i>Salvia mellifera</i>	black sage	5.3%	7.2%	4.1%	5.6%	69.0%
<i>Arctostaphylos pumila</i>	sandmat manzanita	1.6%	2.0%	1.2%	1.7%	65.5%
<i>Eriophyllum confertiflorum</i>	golden yarrow	1.5%	2.2%	1.3%	1.6%	65.5%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	0.9%	1.9%	0.6%	1.0%	31.0%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	0.5%	0.9%	0.5%	0.5%	27.6%
<i>Ericameria ericoides</i>	mock-heather	1.5%	5.6%	3.3%	1.6%	24.1%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	0.7%	1.8%	1.1%	0.7%	24.1%
<i>Lepechinia calycina</i>	pitcher sage	0.4%	1.4%	0.8%	0.4%	20.7%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	0.2%	0.5%	0.3%	0.2%	17.2%
<i>Lupinus chamissonis</i>	silver bush lupine	0.4%	1.1%	0.4%	0.4%	13.8%
<i>Acmispon glaber</i>	deerweed	1.4%	0.0%	0.0%	1.5%	0.0%
<i>Garrya elliptica</i>	coast silk-tassel	0.0%	0.0%	--	0.0%	0.0%
<i>Symphoricarpos mollis</i>	creeping snowberry	0.0%	0.0%	--	0.0%	0.0%
<i>Toxicodendron diversilobum</i>	poison-oak	0.0%	0.0%	--	0.0%	0.0%
Total Mean Percent Shrub and Subshrub Cover		94.5%			99%	
Total Combined Mean Cover Between Shrubs and Subshrubs		1.3%	2.3%	1.3%	1.4%	90.0%
Target Weed Total (<i>Carpobrotus edulis</i>)		0.0%	0.0%	--	0.0%	0.0%
Total Mean Percent Native Vegetative Cover		95.8%				
Total Mean Percent Bare Ground (Including Masticated Vegetation)		19.3%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		--				
Total Mean Percent Bare Ground		19.3%	9.3%	2.9%	--	100%

HMP Species in Bold

Table 6-9
Interim Action Ranges MRA North Range 44 SCAs
Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Five Baseline Transects				
		Baseline Data 2010 -2011 (North Range 44 MRA baseline transects only)				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.0%	0.0%	--	0.0%	0.0%
Total Cover by Native Tree Species		0%			0%	
Shrub and Sub-shrub Species						
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	22%	6%	6%	22%	100%
<i>Ceanothus rigidus</i>	Monterey ceanothus	9.4%	10.3%	9.9%	9.4%	100.0%
<i>Ceanothus dentatus</i>	dwarf ceanothus	23.4%	19.3%	18.4%	23.5%	100.0%
<i>Adenostoma fasciculatum</i>	chamise	16.1%	6.1%	5.8%	16.2%	100.0%
<i>Crocanthemum scoparium</i>	rush-rose	11.6%	11.0%	10.5%	11.6%	100.0%
<i>Salvia mellifera</i>	black sage	6.1%	5.8%	5.6%	6.1%	60.0%
<i>Arctostaphylos pumila</i>	sandmat manzanita	2.4%	3.3%	3.1%	2.4%	60.0%
<i>Eriophyllum confertiflorum</i>	golden yarrow	2.8%	3.2%	3.0%	2.8%	100.0%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	1.8%	2.2%	2.1%	1.8%	60.0%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	0.0%	0.1%	0.1%	0.1%	20.0%
<i>Ericameria ericoides</i>	mock-heather	0.8%	1.2%	1.1%	0.8%	40.0%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	0.0%	0.0%	--	0.0%	0.0%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	0.0%	--	0.0%	0.0%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	0.6%	0.9%	0.8%	0.6%	40.0%
<i>Lupinus chamissonis</i>	silver bush lupine	0.3%	0.7%	0.7%	0.3%	20.0%
<i>Acmispon glaber</i>	deerweed	0.8%	0.9%	0.8%	0.8%	80.0%
<i>Garrya elliptica</i>	coast silk-tassel	0.0%	0.0%	--	0.0%	0.0%
<i>Symphoricarpos mollis</i>	creeping snowberry	0.0%	0.0%	--	0.0%	0.0%
<i>Toxicodendron diversilobum</i>	poison-oak	0.0%	0.0%	--	0.0%	0.0%
Total Mean Percent Shrub and Subshrub Cover		98.0%			98.3%	
Total Combined Mean Cover Between Shrubs and Subshrubs		1.7%	1.4%	1.3%	1.7%	100.0%
Target Weed Total (<i>Carpobrotus edulis</i>)		0.0%	0.0%	--	0.0%	0.0%
Total Mean Percent Native Vegetative Cover		99.6%				
Total Mean Percent Bare Ground (Including Masticated Vegetation)		20.3%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		--				
Total Mean Percent Bare Ground		20.3%	10%	10%	--	100%

HMP Species in Bold

Table 6-9
Interim Action Ranges MRA North Range 44 SCAs
Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Five Transects areas with Vegetation Cutting Conducted in 2012				
		Post-activity Data 2013 (Year 1)				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.0%	0.0%	--	0.0%	0.0%
Total Cover by Native Tree Species		0.0%			0.0%	
Shrub and Sub-shrub Species						
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	7.6%	6.9%	6.6%	21.5%	100%
<i>Ceanothus rigidus</i>	Monterey ceanothus	0.3%	0.3%	0.3%	0.7%	80.0%
<i>Ceanothus dentatus</i>	dwarf ceanothus	1.4%	1.8%	1.7%	4.0%	60.0%
<i>Adenostoma fasciculatum</i>	chamise	10.2%	7.0%	6.6%	29.1%	100%
<i>Crocanthemum scoparium</i>	rush-rose	4.4%	5.4%	5.1%	12.5%	100%
<i>Salvia mellifera</i>	black sage	4.5%	4.6%	4.3%	12.9%	60.0%
<i>Arctostaphylos pumila</i>	sandmat manzanita	2.3%	1.9%	1.8%	6.5%	80.0%
<i>Eriophyllum confertiflorum</i>	golden yarrow	1.9%	1.8%	1.8%	5.5%	100%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	0.5%	0.8%	0.8%	1.4%	60.0%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	0.0%	0.0%	--	0.0%	0.0%
<i>Ericameria ericoides</i>	mock-heather	0.0%	0.1%	0.1%	0.1%	20.0%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	0.0%	0.0%	--	0.0%	0.0%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	0.0%	--	0.0%	0.0%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	1.0%	1.4%	1.3%	2.9%	40.0%
<i>Lupinus chamissonis</i>	silver bush lupine	0.0%	0.0%	--	0.0%	0.0%
<i>Acmispon glaber</i>	deerweed	0.4%	0.6%	0.5%	1.2%	60.0%
<i>Garrya elliptica</i>	coast silk-tassel	0.0%	0.1%	0.1%	0.1%	20.0%
<i>Symphoricarpos mollis</i>	creeping snowberry	0.0%	0.0%	--	0.0%	0.0%
<i>Toxicodendron diversilobum</i>	poison-oak	0.5%	1.2%	1.1%	1.5%	20.0%
Total Mean Percent Shrub and Subshrub Cover		35.2%			72%	
Total Combined Mean Cover Between Shrubs and Subshrubs		14.0%	9.9%	9.4%	33.6%	100%
Target Weed Total (<i>Carpobrotus edulis</i>)		0.3%	0.6%	0.5%	0.7%	40.0%
Total Mean Percent Native Vegetative Cover		49.1%				
Total Mean Percent Bare Ground (Including Masticated Vegetation)		54.1%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		--				
Total Mean Percent Bare Ground		54.1%	13.0%	12.4%	--	100%

HMP Species in Bold

Table 6-9
Interim Action Ranges MRA North Range 44 SCAs
Vegetation Cover in Areas Subject to Vegetation Cutting Conducted in 2011

ESCA RP 2014 Annual Natural Resource Report

Scientific Name	Common Name	Five Transects areas with Vegetation Cutting Conducted in 2012				
		Post-activity Data 2014 (Year 2)				
		Mean Percent Cover	Standard Deviation	90% Confidence Interval	Mean Relative Cover	Frequency
Tree Species						
<i>Quercus agrifolia</i>	coast live oak	0.0%	--	--	--	0.0%
Total Cover by Native Tree Species		0.0%			0.0%	
Shrub and Sub-shrub Species						
<i>Arctostaphylos tomentosa</i> subsp. <i>tomentosa</i>	shaggy-barked manzanita	9.5%	5.4%	5.2%	18.5%	100%
<i>Ceanothus rigidus</i>	Monterey ceanothus	0.8%	0.9%	0.9%	1.5%	80.0%
<i>Ceanothus dentatus</i>	dwarf ceanothus	1.2%	1.6%	1.6%	2.3%	60.0%
<i>Adenostoma fasciculatum</i>	chamise	12.3%	6.6%	6.3%	24.0%	100%
<i>Crocanthemum scoparium</i>	rush-rose	2.7%	2.3%	2.2%	5.2%	100%
<i>Salvia mellifera</i>	black sage	3.9%	3.8%	3.6%	7.6%	60.0%
<i>Arctostaphylos pumila</i>	sandmat manzanita	2.9%	2.3%	2.2%	5.7%	80.0%
<i>Eriophyllum confertiflorum</i>	golden yarrow	1.9%	0.8%	0.8%	3.7%	100%
<i>Frangula californica</i> subsp. <i>californica</i>	California coffeeberry	0.8%	1.6%	1.6%	1.6%	40.0%
<i>Mimulus aurantiacus</i>	sticky monkeyflower	0.0%	--	--	--	0.0%
<i>Ericameria ericoides</i>	mock-heather	0.2%	0.4%	0.4%	0.3%	20.0%
<i>Baccharis pilularis</i> subsp. <i>consanguinea</i>	coyote brush	0.0%	--	--	--	0.0%
<i>Lepechinia calycina</i>	pitcher sage	0.0%	--	--	--	0.0%
<i>Ericameria fasciculata</i>	Eastwood's ericameria	0.8%	1.1%	1.1%	1.5%	40.0%
<i>Lupinus chamissonis</i>	silver bush lupine	0.0%	--	--	--	0.0%
<i>Acmispon glaber</i>	deerweed	1.2%	1.2%	1.1%	2.4%	60.0%
<i>Garrya elliptica</i>	coast silk-tassel	0.0%	--	--	--	0.0%
<i>Symphoricarpos mollis</i>	creeping snowberry	0.0%	--	--	--	0.0%
<i>Toxicodendron diversilobum</i>	poison-oak	0.4%	0.9%	0.9%	0.8%	20.0%
Total Mean Percent Shrub and Subshrub Cover		38.4%			75%	
Total Combined Mean Cover Between Shrubs and Subshrubs		12.7%	10.9%	10.4%	24.9%	100%
Target Weed Total (<i>Carpobrotus edulis</i>)		0.0%	0.0%	0.0%	0.0%	20.0%
Total Mean Percent Native Vegetative Cover		51.2%				
Total Mean Percent Bare Ground (Including Masticated Vegetation)		51.5%				
Total Mean Percent Masticated Vegetation (only calculated in 2014)		5.3%	5.6%	5.3%	--	80%
Total Mean Percent Bare Ground		46.2%	10.9%	10.4%	--	100%

HMP Species in Bold