

Table 18. 1999 Chaparral Monitoring Polygon Intercept Distances and Percent Cover for Shrub Species, Bare, and Vegetated Ground for Disturbed Habitat

**1999 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Transect Length (feet) Common name	Transect 5-1 169.7		Transect 6-1 174.0		Transect 6-2 139.3		Transect 6-3 164.2	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	64.6	38.1	63.4	36.4	57.9	41.6	28.5	17.4
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita			22.6	13.0	4.5	3.2		
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	100.5	59.2	100.0	57.5	74.5	53.5	152.1	92.6
ARCA	<i>Artemisia californica</i>	California sagebrush	18.9	11.1			1.1	0.8		
BAPI	<i>Baccharis pilularis</i>	coyote brush					7.4	5.3	5.0	3.0
CAED	<i>Carpobrotus edulis*</i>	hottentot fig					5.5	3.9		
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus	2.0	1.2						
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus								
ERER	<i>Ericameria ericoides</i>	mock heather								
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow			3.5	2.0			0.8	0.5
HESC	<i>Helianthemum scoparium</i>	rush rose								
LECA	<i>Lepechinia calycina</i>	pitcher sage								
LOSC	<i>Lotus scoparius</i>	deerweed			0.9	0.5			2.6	1.6
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	5.1	3.0	2.3	1.3	1.4	1.0	6.5	4.0
QUAG	<i>Quercus a. agrifolia</i>	coast live oak								
SAME	<i>Salvia mellifera</i>	black sage	12.0	7.1	5.6	3.2	21.5	15.4	3.8	2.3
TODI	<i>Toxicodendron diversilobum</i>	poison oak	94.6	55.7			3.0	2.2	44.1	26.9
Total Species Cover			297.7	175.4	198.3	114.0	176.8	126.9	243.4	148.2
BG	--	Bare Ground	3.2	1.9	13.3	7.6	4.2	3.0	7.5	4.6
VG	--	Vegetated Ground					51.9	37.3		
Total Cover			300.9	177.3	211.6	121.6	232.9	167.2	250.9	152.8

*Non-native species

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			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	19.9	11.1	54.6	37.8	21.6	13.1	19.9	12.1
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita			30.9	21.4	76.1	46.1	43.1	26.1
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	164.1	91.2	83.3	57.6	66.1	40.1	89.9	54.5
ARCA	<i>Artemisia californica</i>	California sagebrush								
BAPI	<i>Baccharis pilularis</i>	coyote brush			1.7	1.2				
CAED	<i>Carpobrotus edulis*</i>	hottentot fig			2.7	1.9	0.7	0.4		
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus			1.8	1.2				
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus								
ERER	<i>Ericameria ericoides</i>	mock heather			4.9	3.4			4.3	2.6
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	0.6	0.3	0.5	0.3			4.6	2.8
HESC	<i>Helianthemum scoparium</i>	rush rose								
LECA	<i>Lepechinia calycina</i>	pitcher sage								
LOSC	<i>Lotus scoparius</i>	deerweed	5.0	2.8					3.2	1.9
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower							5.1	3.1
QUAG	<i>Quercus a. agrifolia</i>	coast live oak					14.6	8.8		
SAME	<i>Salvia mellifera</i>	black sage			3.7				1.8	1.1
TODI	<i>Toxicodendron diversilobum</i>	poison oak								
Total Species Cover			189.6	105.3	184.1	124.8	179.1	108.5	171.9	104.2
BG	--	Bare Ground	15.8	8.8	3.4	2.4	1.0	0.6	11.4	6.9
VG	--	Vegetated Ground	1.4	0.8	0.5	0.3				
Total Cover			206.8	114.9	188.0	127.5	180.1	109.2	183.3	111.1

*Non-native species

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			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	15.0	9.1						
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita	50.3	30.7						
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	62.3	38.0	99.6	61.2	100.9	62.2	49.6	49.4
ARCA	<i>Artemisia californica</i>	California sagebrush	3.6	2.2	14.1	8.7				
BAPI	<i>Baccharis pilularis</i>	coyote brush			2.3	1.4				
CAED	<i>Carpobrotus edulis*</i>	hottentot fig			8.4	5.2				
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus			19.3	11.9				
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus			2.2	1.4				
ERER	<i>Ericameria ericoides</i>	mock heather					5.8	3.6		
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush	1.1	0.7	1.5	0.9				
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	3.2	2.0	0.9	0.6	1.3	0.8		
HESC	<i>Helianthemum scoparium</i>	rush rose			0.5	0.3	0.4	0.2		
LECA	<i>Lepechinia calycina</i>	pitcher sage	1.3	0.8						
LOSC	<i>Lotus scoparius</i>	deerweed	2.9	1.8	1.0	0.6			2.2	2.2
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower			24.8	15.2	12.9	8.0	26.6	26.5
QUAG	<i>Quercus a. agrifolia</i>	coast live oak			0.8	0.5			27.2	27.1
SAME	<i>Salvia mellifera</i>	black sage	2.5	1.5	3.0	1.8	40.1	24.7	13.6	13.5
TODI	<i>Toxicodendron diversilobum</i>	poison oak			18.3	11.2			35.8	35.7
Total Species Cover			142.2	86.7	196.7	120.9	161.4	99.5	155.0	154.4
BG	--	Bare Ground	42.2	25.7	16.4	10.1	1.9	1.2	4.2	4.2
VG	--	Vegetated Ground	3.5	2.1			32.8	20.2		
Total Cover			187.9	114.6	213.1	131.0	196.1	120.9	159.2	158.6

*Non-native species

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Code	Scientific Name	Transect Length (feet) Common name	Transect 13-3 165.0		Transect 16-3 158.8		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	81.4	49.3	9.7	6.1	19.71
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita			96.4	60.7	14.62
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	50.2	30.4	8.1	5.1	54.24
ARCA	<i>Artemisia californica</i>	California sagebrush					1.70
BAPI	<i>Baccharis pilularis</i>	coyote brush					0.74
CAED	<i>Carpobrotus edulis*</i>	hottentot fig					0.53
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus	2.5	1.5	4.9	3.1	1.63
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus	21.4	13.0			1.07
ERER	<i>Ericameria ericoides</i>	mock heather					0.68
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush					0.12
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow			0.5	0.3	0.72
HESC	<i>Helianthemum scoparium</i>	rush rose			0.6	0.4	0.07
LECA	<i>Lepechinia calycina</i>	pitcher sage			10.8	6.8	0.55
LOSC	<i>Lotus scoparius</i>	deerweed	2.1	1.3	0.3	0.2	0.91
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	10.8	6.5			4.31
QUAG	<i>Quercus a. agrifolia</i>	coast live oak	3.4	2.1			2.08
SAME	<i>Salvia mellifera</i>	black sage					4.86
TODI	<i>Toxicodendron diversilobum</i>	poison oak					8.84
Total Species Cover			171.8	104.1	131.3	82.7	117.36
BG	--	Bare Ground	8.8	5.3	21.4	13.5	6.98
VG	--	Vegetated Ground			16.7	10.5	4.82
Total Cover			180.6	109.5	169.4	106.7	129.17

*Non-native species