

**Table 16. 1999 Chaparral Monitoring Polygon Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground for Mature Habitat
1999 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Transect Length (feet) Common name	Transect 5-2 165.2		Transect 7-1 164.8		Transect 8-1 163.7		Transect 8-2 155.8	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	37.3	22.6	17.8	10.8	10.8	6.6	29.8	19.1
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita			63.5	38.5	96.3	58.8	0.4	0.3
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	100.5	60.8	87.5	53.1	58.3	35.6	104.9	67.3
ARCA	<i>Artemisia californica</i>	California sagebrush								
BAPI	<i>Baccharis pilularis</i>	coyote brush							0.8	0.5
CAED	<i>Carpobrotus edulis*</i>	hottentot fig	0.9	0.5					0.3	0.2
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus					7.1	4.3	7.1	4.6
ERER	<i>Ericameria ericoides</i>	mock heather								
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush	2.2	1.3	0.7	0.4				
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	3.3	2.0	0.3	0.2			9.2	5.9
GAEL	<i>Garrya elliptica</i>	coast silk tassel			4.8	2.9				
HESC	<i>Helianthemum scoparium</i>	rush rose							1.1	0.7
HEAR	<i>Heteromeles arbutifolia</i>	toyon								
LOSC	<i>Lotus scoparius</i>	deerweed	6.4	3.9					3.2	2.1
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey-flower	0.9	0.5	1.3	0.8			0.3	0.2
QUAG	<i>Quercus a. agrifolia</i>	coast live oak					1.3	0.8		
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry			1.6	1.0				
SAME	<i>Salvia mellifera</i>	black sage							3.3	2.1
TODI	<i>Toxicodendron diversilobum</i>	poison oak								
Total Species Cover			151.5	91.7	177.5	107.7	173.8	106.2	160.4	103.0
BG	--	Bare Ground	7.9	4.8	6.4	3.9	9.5	5.8	23.5	15.1
VG	--	Vegetated Ground	24.4	14.8						
Total Cover			183.8	111.3	183.9	111.6	183.3	112.0	183.9	118.0

*Non-native species

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Code	Scientific Name	Transect Length (feet) Common name	Transect 8-4 115.7		Transect 9-1 154.1		Transect 10-1 165.0		Transect 11-1 169.1	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	21.3	18.4	49.3	32.0	7.9	4.8	9.6	5.7
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita					1.1	0.7	82.1	48.6
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	72.8	62.9	113.9	73.9	28.2	17.1	67.4	39.9
ARCA	<i>Artemisia californica</i>	California sagebrush					14.5	8.8		
BAPI	<i>Baccharis pilularis</i>	coyote brush	6.8	5.9			5.9	3.6		
CAED	<i>Carpobrotus edulis*</i>	hottentot fig								
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus			15.1	9.8	23.6	14.3	7.6	4.5
ERER	<i>Ericameria ericoides</i>	mock heather	18.1	15.6					0.6	0.4
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow							1.1	0.7
GAEL	<i>Garrya elliptica</i>	coast silk tassel								
HESC	<i>Helianthemum scoparium</i>	rush rose								
HEAR	<i>Heteromeles arbutifolia</i>	toyon								
LOSC	<i>Lotus scoparius</i>	deerweed								
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey-flower	5.9	5.1			7.1	4.3		
QUAG	<i>Quercus a. agrifolia</i>	coast live oak								
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry								
SAME	<i>Salvia mellifera</i>	black sage			5.2	3.4	48.3	29.3	21.6	12.8
TODI	<i>Toxicodendron diversilobum</i>	poison oak								
Total Species Cover			124.9	108.0	183.5	119.1	136.6	82.8	190.0	112.4
BG	--	Bare Ground	7.2	6.2	2.6	1.7	34.5	20.9	13.0	7.7
VG	--	Vegetated Ground					15.1	9.2	4.2	2.5
Total Cover			132.1	114.2	186.1	120.8	186.2	112.8	207.2	122.5

*Non-native species

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Code	Scientific Name	Transect Length (feet) Common name	Transect 12-1 180.9		Transect 12-2 164.0		Transect 12-3 165.0		Transect 14-1 176.6	
			Intercept (%) Distance	Cover (%) Cover	Intercept (%) Distance	Cover (%) Cover	Intercept (%) Distance	Cover (%) Cover	Intercept (%) Distance	Cover (%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	61.2	33.8			1.3	0.8		
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita					124.3	75.3		
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	64.1	35.4	65.9	40.2			168.8	95.6
ARCA	<i>Artemisia californica</i>	California sagebrush								
BAPI	<i>Baccharis pilularis</i>	coyote brush	3.8	2.1	21.9	13.4				
CAED	<i>Carpobrotus edulis*</i>	hottentot fig								
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus			4.7	2.9	16.3	9.9		
ERER	<i>Ericameria ericoides</i>	mock heather	9.0	5.0			1.3	0.8		
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	1.7	0.9						
GAEL	<i>Garrya elliptica</i>	coast silk tassel								
HESC	<i>Helianthemum scoparium</i>	rush rose								
HEAR	<i>Heteromeles arbutifolia</i>	toyon								
LOSC	<i>Lotus scoparius</i>	deerweed	8.0	4.4	0.6	0.4	1.6	1.0	1.8	1.0
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey-flower	51.3	28.4	13.4	8.2				
QUAG	<i>Quercus a. agrifolia</i>	coast live oak							1.8	1.0
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry								
SAME	<i>Salvia mellifera</i>	black sage	9.7	5.4						
TODI	<i>Toxicodendron diversilobum</i>	poison oak			71.9	43.8	7.1	4.3		
Total Species Cover			208.8	115.4	178.4	108.8	151.9	92.1	172.4	97.6
BG	--	Bare Ground	13.5	7.5	15.0	9.1	28.8	17.5	3.3	1.9
VG	--	Vegetated Ground	26.0	14.4	4.7	2.9	2.1	1.3	9.1	5.2
Total Cover			248.3	137.3	198.1	120.8	182.8	110.8	184.8	104.6

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Code	Scientific Name	Transect Length (feet) Common name	Transect 15-1 133.9		Transect 16-1 165.9		Transect 16-2 163.0		Transect 17-1 155.7	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise					8.6	5.3	2.6	1.7
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita			59.5	35.9	40.2	24.7		
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	124.3	92.8	108.4	65.3	85.9	52.7	152.0	97.6
ARCA	<i>Artemisia californica</i>	California sagebrush								
BAPI	<i>Baccharis pilularis</i>	coyote brush								
CAED	<i>Carpobrotus edulis*</i>	hottentot fig								
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus								
ERER	<i>Ericameria ericoides</i>	mock heather								
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow					0.2	0.1		
GAEL	<i>Garrya elliptica</i>	coast silk tassel					4.8	2.9		
HESC	<i>Helianthemum scoparium</i>	rush rose								
HEAR	<i>Heteromeles arbutifolia</i>	toyon					1.6	1.0		
LOSC	<i>Lotus scoparius</i>	deerweed								
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey-flower							0.3	0.2
QUAG	<i>Quercus a. agrifolia</i>	coast live oak	1.8	1.3						
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry								
SAME	<i>Salvia mellifera</i>	black sage	8.1	6.0			18.3	11.2		
TODI	<i>Toxicodendron diversilobum</i>	poison oak	20.9	15.6						
Total Species Cover			155.1	115.8	167.9	101.2	159.6	97.9	154.9	99.5
BG	--	Bare Ground	7.4	5.5	1.1	0.7	16.9	10.4	2.0	1.3
VG	--	Vegetated Ground								
Total Cover			162.5	121.4	169.0	101.9	176.5	108.3	156.9	100.8

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Code	Scientific Name	Transect Length (feet) Common name	Transect 17-2 163.4		Transect 18-1 156.1		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	8.3	5.1	0.9	0.6	9.27
ARPU	<i>Arctostaphylos pumila</i>	sandmat manzanita			14.0	9.0	16.73
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	125.5	76.8	117.8	75.5	57.20
ARCA	<i>Artemisia californica</i>	California sagebrush					0.50
BAPI	<i>Baccharis pilularis</i>	coyote brush			1.1	0.7	1.40
CAED	<i>Carpobrotus edulis*</i>	hottentot fig					0.04
CECR	<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus	5.9	3.6	3.6	2.3	3.16
ERER	<i>Ericameria ericoides</i>	mock heather			0.9	0.6	1.04
EREF	<i>Ericameria fasciculata</i>	Eastwood's goldenbush					0.10
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	1.8	1.1	1.0	0.6	0.65
GAEL	<i>Garrya elliptica</i>	coast silk tassel					0.33
HESC	<i>Helianthemum scoparium</i>	rush rose					0.04
HEAR	<i>Heteromeles arbutifolia</i>	toyon					0.06
LOSC	<i>Lotus scoparius</i>	deerweed					0.75
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey-flower	3.7	2.3	0.8	0.5	2.95
QUAG	<i>Quercus a. agrifolia</i>	coast live oak	1.0	0.6			0.21
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry					0.06
SAME	<i>Salvia mellifera</i>	black sage	33.6	20.6			5.15
TODI	<i>Toxicodendron diversilobum</i>	poison oak			15.1	9.7	4.00
Total Species Cover			179.8	110.0	155.2	99.4	103.62
BG	--	Bare Ground	11.5	7.0			7.09
VG	--	Vegetated Ground			11.9	7.6	3.39
Total Cover			191.3	117.1	167.1	107.0	114.10

*Non-native species