

TABLES

**Table 1. Special Status Species with Monitoring Requirements in the Fort Ord Multispecies
Habitat Management Plan for OE Removal, Groundwater, Lead, and Chemical
Remediation Activities
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Scientific Name	Common Name	Status (a)	CNPS RED Code	Habitat
Plants				
<i>Gilia tenuiflora arenaria</i>	sand gilia	FE/ST/1B	3-2-3	Sandy openings in coastal dunes, scrub and maritime chaparral
<i>Lasthenia conjugens</i>	Contra Costa goldfields	FE/--/1B	3-3-3	Mesic valley and foothill grasslands. Known from vernal pool habitat in three locations on Fort Ord
<i>Piperia yadonii</i>	Yadon's piperia	FE/--/1B	3-3-3	Sandy soil in maritime chaparral, coastal scrub, and closed-cone coniferous forest
<i>Chorizanthe p. pungens</i>	Monterey spineflower	FT/--/1B	2-2-3	Colonizes recently disturbed sandy sites in coastal dune, coastal scrub, grassland, and maritime chaparral habitats
<i>Cordylanthus rigidus littoralis</i>	seaside bird's-beak	FSC/SE/1B	2-3-3	Sandy soils of stabilized dunes, maritime chaparral, coastal scrub, and closed-cone coniferous forest
<i>Arctostaphylos montereyensis</i>	Toro manzanita	FSC/--/1B	3-2-3	Stabilized sandy soils and badlands in maritime chaparral
<i>Arctostaphylos pumila</i>	sandmat manzanita	FSC/--/1B	3-2-3	Sand hills of maritime chaparral and coast live oak woodland
<i>Ceanothus cuneatus rigidus</i>	Monterey ceanothus	FSC/--/4	1-2-3	Sandy hills and flats of maritime chaparral, closed-cone coniferous forests, and coastal scrub
<i>Ericameria fasciculata</i>	Eastwood's goldenbush	FSC/--/1B	3-3-3	Coastal dune and scrub, maritime chaparral, and closed-cone coniferous forest
<i>Erysimum ammophilum</i>	coast wallflower	FSC/--/1B	2-2-3	Coastal dunes
<i>Arctostaphylos h. hookeri</i>	Hooker's manzanita	--/--/1B	2-2-3	Sand Hill and Aromas Formations, maritime chaparral and closed-cone coniferous forest

**Table 1. Special Status Species with Monitoring Requirements in the Fort Ord Multispecies
Habitat Management Plan for OE Removal, Groundwater, Lead, and Chemical
Remediation Activities
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Scientific Name	Common Name	Status (a)	CNPS RED Code	Habitat
Reptile				
<i>Anniella pulchra nigra</i>	California black-legless lizard	--/--/CSC	NA	Moist, warm habitat with loose soil and prostrate plant cover located on beaches and chaparral with sandy soils
Amphibians				
<i>Rana aurora draytonii</i>	California red-legged frog	FT/--/CSC	NA	Lowlands, foothill woodland, grasslands near marshes, lakes, ponds or other permanent water sources with extensive emergent vegetation
<i>Ambystoma californiense</i>	California tiger salamander	FC/--/CSC	NA	Grassland and oak woodland with scattered ponds, intermittent streams or vernal pools, upland habitat with rodent burrows required in summer
Invertebrate				
<i>Linderiella occidentalis</i>	California linderiella	--/--/--	NA	Low lying areas. Temporary water sources, vernal pools, and ponds

Footnotes

(a) Status (Plants: Federal/State/CNPS; Wildlife: Federal/State/California Department of Fish and Game):

STATUS CODES

FEDERAL

- FE Listed as endangered under the Federal Endangered Species Act (16 U.S.C. 1531 *et seq.*)
- FT Listed as threatened under the Federal Endangered Species Act (16 U.S.C. 1531 *et seq.*)
- FC Federal Candidate for listing by the Federal Government (Former Category 1 Candidate for listing).
- FSC U.S. Fish and Wildlife Service designated "Species of Concern" (Former Category 2 Candidate for listing)

**Table 1. Special Status Species with Monitoring Requirements in the Fort Ord Multispecies
Habitat Management Plan for OE Removal, Groundwater, Lead, and Chemical
Remediation Activities
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

STATE

SE Listed as endangered under the California Endangered Species Act (California Fish and Game Code Division 3, Chapter 1.5, Article 2)
 ST Listed as threatened under the California Endangered Species Act (California Fish and Game Code Chapter 1.5)
 CSC California Species of Special Concern

STATUS CODES (continued)

CNPS

List 1B Plants considered by CNPS as rare in California and elsewhere
 List 4 Plants CNPS considers to have limited distributions-a watch list

CNPS R-E-D Code

R (Rarity)

1 Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction is low at this time
 2 Distributed in a limited number of occurrences, occasionally more if each occurrence is small
 3 Distributed in one to several highly restricted occurrences, or present in such small numbers that is seldom reported

E (Endangerment)

2 Endangered in a portion of its range
 3 Endangered throughout its range

D (Distribution)

3 Endemic to California

**Table 2. Habitat Monitoring Sites 1994 - 2001
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Chaparral Monitoring Site #	Wetland Monitoring Site/Waterbody #	1994 Monitoring Activity*	1995 Monitoring Activity	1996 Monitoring Activity	1997 Monitoring Activity
OE 9	Contra Costa goldfields (10B)				
OE10A		BL: Chap, Herb		FU1: Chap	BL: HMPA
OE10B		BL: HMPA	FU1:HMPA	BL: Chap, Herb; FU2: HMPA	
OE11		BL: HMPA		BL: Chap, Herb; FU2: HMPA	
OE12		BL: HMPA	FU1:HMPA	FU2: HMPA	
OE16				BL: Chap, Herb	
OE19		BL: HMPA, Chap, Herb			
OE48					
OE 53					
OE 54					
Blackline MRA West					
MRA North		BL: HMPA, Chap, Herb			BL: Chap
Range 43-48					
Leaded and Chemical Remediation - Range 18					
Leaded and Chemical Remediation - Range19					
Leaded and Chemical Remediation - Range 21					
Leaded and Chemical Remediation - Range 24					
Lead and Chemical Remediation - Range 25					
Lead and Chemical Remediation - Range 26					
UC/NRS-FONR					
	OE Site 10A				
	Waterbody 42				
	Waterbody 43				
	Waterbody 44**				
	OE Site 10B				
	Machine Gun Flats				BL: Veg, RLF
	OE Site 14A				
	Waterbody 1	Baseline	USFWS 1st Year	USFWS 2nd Year, veg	
	Waterbody 2	Baseline	USFWS 1st Year	USFWS 2nd Year, veg	
	OE Site 14B				
	Waterbody 37	Baseline: Fauna	BL: Flora, USFWS 1st Year	USFWS 2nd Year, veg	

**Table 2. Habitat Monitoring Sites 1994 - 2001
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Chaparral Monitoring Site #	Wetland Monitoring Site/Waterbody #	1998 Monitoring Activity	1999 Monitoring Activity	2000 Monitoring Activity	2001 Monitoring Activity	
OE 9	Contra Costa goldfields (10B)			BL: Chap, HMPA	FU1: HMPA	
OE10A		FU1: HMPA, Herb; FU2: Chap	FU2: Herb; FU3: Chap	FU3: HMPA, FU4 Chap	FU4: HMPA. FU5: Chap	
OE10B		FU1: Chap, Herb; FU3: HMPA	FU2: Chap FU4: HMPA	FU5: HMPA, FU3: Chap,	FU6: HMPA, FU4 Chap	
OE11		FU1: Chap, Herb	FU2: Chap, Herb	FU3: Chap, Herb	FU4: Chap, Herb FU2: HMPA	
OE12		Discontinued				
OE16		BL: HMPA				
OE19		FU1: HMPA, Chap	FU2: Chap	FU2: HMPA, FU3: Chap	FU3: HMPA. FU4: Chap	
OE48		BL: HMPA, Chap	BL: Herb; FU1: HMPA, Chap			
OE 53		BL: Chap	BL: Herb; FU1: Chap			
OE 54		BL: Chap				
Blackline MRA West						
MRA North			BL: Chap	BL: HMPA		
Range 43-48			Baseline	Baseline 2***	FU1	FU2
Leaded and Chemical Remediation - Range 18					BL: HMPA, Chap	
Leaded and Chemical Remediation - Range19				BL: Chap		
Leaded and Chemical Remediation - Range 21				BL: Chap		
Leaded and Chemical Remediation - Range 24				BL: Chap		
Lead and Chemical Remediation - Range 25				BL: Chap		
Lead and Chemical Remediation - Range 26				BL: Chap		
UC/NRS-FONR			BL: HMPA	FU1: HMPA	FU2: HMPA	
OE Site 10A	Waterbody 42	Baseline		BL: TCBB, SWPT, FU1: Veg, RLF, FS, CATS	FU2: Veg, RLF, FS, CATS FU1: TCBB, SWPT	
	Waterbody 43	Baseline				
	Waterbody 44**	Baseline				
OE Site 10B	Machine Gun Flats	BL: FS, CATS		BL: TCBB, SWPT, FU1: Veg, RLF, FS, CATS	FU2: Veg, RLF, FS, CATS FU1: TCBB, SWPT	
OE Site 14A	Waterbody 1		Final Follow-up			
	Waterbody 2		Final Follow-up			
OE Site 14B	Waterbody 37					

**Table 2. Habitat Monitoring Sites 1994 - 2001
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Chaparral Monitoring Site #	Wetland Monitoring Site/Waterbody #	1998 Monitoring Activity	1999 Monitoring Activity	2000 Monitoring Activity	2001 Monitoring Activity
	OE Site 14D Waterbody 4**				
	OE Site 21 Mudhen Lake East Mudhen Lake West		Final Follow-up Final Follow-up		
	OE Site 27V Waterbody 36				
	OE Site 58 Waterbody 3 Waterbody 35 Waterbody 39 Waterbody 40 Waterbody 41 Waterbody 45	Baseline Baseline Baseline Baseline No BL: No Pool Observed			
	OE Site 59 Waterbody 5				
	Site HA123 Waterbody 53				BL: Veg, RLF, FS, CATS, TCBB, SWPT
	MRA Waterbody 11 Waterbody 16 Waterbody 17 Waterbody 38 Waterbody 46 Waterbody 47 Waterbody 48 Waterbody 49 Waterbody 50 Waterbody 51 Range 37 Range 40A-Waterbody 52	Baseline Baseline Baseline Baseline Baseline	Final Follow-up Baseline Baseline Baseline Baseline Baseline		BL: Veg, RLF, FS, CATS, TCBB, SWPT

* Monitoring Activities
BL
CATS
Chap
FS
FU(1)
Herb

Baseline Survey
California Tiger Salamander Surveys
Line-intercept Chaparral Monitoring
Fairy Shrimp Surveys
Follow-up Monitoring (Year)
Quadrat Herbaceous Species Surveys

HMPA
OE
RI
RLF
SWPT
TCBB
UC/NRS-FONR
USFWS

Focused Surveys for HMP Annual Species
Ordnance and Explosives Site
Remedial Investigation Site
California Red-legged Frog Surveys
Southwestern pond turtle
Tri-colored blackbird
University of California/ Natural Reserve System-Fort Ord North Reserve
USFWS Protocol Surveys for Fairy Shrimp conducted by Jones and Stokes Associates

** Waterbody located adjacent to the OE site

*** Represents the second year of baseline surveys for Contra Costa goldfields at OE Site 10B

**Table 3. OE Site 10A Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 1 43.6 ¹		Transect 2 49.0 ¹		Transect 3 50.1 ¹		Transect 5 42.7 ¹		Transect 6 47.0 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	1.4	3.1	0.2	0.4			0.5	1.2		
ARHO	<i>Arctostaphylos hookeri</i> **	Hooker's manzanita							5.4	12.6		
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	2.9	6.6	1.4	2.8	1.6	3.2	0.4	0.9	0.4	0.9
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	1.9	4.4	11.3	23.1			6.4	15.0	6.0	12.8
BAPI	<i>Baccharis pilularis</i>	coyote brush	6.5	15.0	1.1	2.3	0.4	0.8	0.6	1.4		
CAED	<i>Carpobrotus edulis</i> *	hottentot fig										
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus							3.4	8.0	1.7	3.6
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus							1.6	3.7	24.1	51.3
CETH	<i>Ceanothus thyrsiflorus</i>	carmel ceanothus										
COJU	<i>Cortaderia jubata</i> *	pampas grass										
ERCA	<i>Eriodictyon californicum</i>	yerba santa										
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	2.9	6.7								
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed										
ERER	<i>Ericameria ericoides</i>	mock heather			1.0	2.0						
GAEL	<i>Garrya elliptica</i>	coast silk-tassel	2.9	6.5	0.5	1.0						
HEAR	<i>Heteromeles arbutifolia</i>	toyon	0.7	1.7	0.7	1.5					0.3	0.6
HESC	<i>Helianthemum scoparium</i>	rush rose	1.2	2.6	11.2	22.9	1.6	3.2	6.5	15.2	8.4	17.9
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia			1.0	2.0			1.1	2.6	0.1	0.2
LECA	<i>Lepechinia calycina</i>	pitcher sage			0.5	1.0						
LOSC	<i>Lotus scoparius</i>	deerweed					1.0	2.0				
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	2.3	5.3	0.6	1.3						
PIMO	<i>Pickeringia montana</i>	chaparral pea			11.6	23.7						
QUAG	<i>Quercus a. agrifolia</i>	coast live oak			0.2	0.4						
SAME	<i>Salvia mellifera</i>	black sage			0.7	1.5						
TODI	<i>Toxicodendron diversilobum</i>	poison oak	0.8	1.8								
Total Species (shrubs and perennials) Cover			23.5	53.8	42.0	85.6	4.6	9.2	25.9	60.7	41.0	87.2
BG	Bare Ground				1.9	3.8	18.0	35.9	4.1	9.6	7.3	15.5
VG	Vegetated Ground		19.4	44.5	9.7	19.7	28.0	55.9	15.9	37.2	1.8	3.8
Total: Cover, Bare Ground, Vegetated Ground			42.8	98.3	53.5	109.2	50.6	101.0	45.9	107.5	50.1	106.6

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus absolute cover between vegetation strata

**Table 3. OE Site 10A Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 7 42.3 ¹		Transect 8 42.4 ¹		Transect 9 43.3 ¹		Transect 10 43.1 ¹		Transect 11 43.9 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	0.7	1.7	3.3	7.8	2.6	6.0	0.4	0.9	1.5	3.3
ARHO	<i>Arctostaphylos hookeri</i> **	Hooker's manzanita	0.5	1.2	1.5	3.5	1.9	4.4				
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	0.2	0.5	1.5	3.5	2.3	5.3	0.3	0.7	2.6	5.9
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	2.8	6.6	7.1	16.7	1.9	4.4	3.9	9.0	9.2	20.9
BAPI	<i>Baccharis pilularis</i>	coyote brush	0.3	0.7	0.3	0.7			0.6	1.4		
CAED	<i>Carpobrotus edulis</i> *	hottentot fig	3.3	7.8								
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus	1.6	3.8	2.0	4.7	1.3	3.0	2.1	4.9	0.3	0.6
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus			3.4	8.0			5.2	12.1		
CETH	<i>Ceanothus thyrsiflorus</i>	carmel ceanothus					0.6	1.4				
COJU	<i>Cortaderia jubata</i> *	pampas grass	0.5	1.2								
ERCA	<i>Eriodictyon californicum</i>	yerba santa					1.1	2.5				
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow										
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed										
ERER	<i>Ericameria ericoides</i>	mock heather										
GAEL	<i>Garrya elliptica</i>	coast silk-tassel			1.3	3.1						
HEAR	<i>Heteromeles arbutifolia</i>	toyon			2.2	5.2						
HESC	<i>Helianthemum scoparium</i>	rush rose	13.5	31.9	2.4	5.7	22.6	52.2	12.1	28.1	3.2	7.4
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia									0.4	0.9
LECA	<i>Lepechinia calycina</i>	pitcher sage	0.2	0.5	5.3	12.5	0.5	1.2				
LOSC	<i>Lotus scoparius</i>	deerweed	0.2	0.5	1.0	2.4						
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower			2.2	5.2			0.2	0.5	0.2	0.5
PIMO	<i>Pickeringia montana</i>	chaparral pea									1.6	3.7
QUAG	<i>Quercus a. agrifolia</i>	coast live oak										
SAME	<i>Salvia mellifera</i>	black sage					0.5	1.2			0.5	1.2
TODI	<i>Toxicodendron diversilobum</i>	poison oak									0.5	1.1
Total Species (shrubs and perennials) Cover			23.8	56.3	33.5	79.0	35.3	81.5	24.8	57.5	20.0	45.5
BG	Bare Ground		2.6	6.1			3.3	7.6	11.6	26.9	2.5	5.7
VG	Vegetated Ground		19.4	45.9	14.9	35.1	10.1	23.3	10.6	24.6	24.5	55.8
Total: Cover, Bare Ground, Vegetated Ground			45.8	108.3	48.4	114.2	48.7	112.5	47.0	109.0	47.0	107.0

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus abs

**Table 3. OE Site 10A Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 12 43.3 ¹		Transect 13 45.9 ¹		Transect 16 43.3 ¹		Transect 17 43.2 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise			9.0	19.5	1.2	2.7	2.8	6.5
ARHO	<i>Arctostaphylos hookeri</i> **	Hooker's manzanita							8.3	19.1
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita			0.9	2.0	4.9	11.3		
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita			6.8	14.8	0.4	0.9	6.9	15.9
BAPI	<i>Baccharis pilularis</i>	coyote brush	0.9	2.1						
CAED	<i>Carpobrotus edulis</i> *	hottentot fig	9.4	21.8						
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus								
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus							4.5	10.5
CETH	<i>Ceanothus thyrsiflorus</i>	carmel ceanothus								
COJU	<i>Cortaderia jubata</i> *	pampas grass								
ERCA	<i>Eriodictyon californicum</i>	yerba santa								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow			0.5	1.1	1.3	2.9		
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed							0.4	1.0
ERER	<i>Ericameria ericoides</i>	mock heather								
GAEL	<i>Garrya elliptica</i>	coast silk-tassel			0.6	1.3			1.2	2.8
HEAR	<i>Heteromeles arbutifolia</i>	toyon							0.5	1.1
HESC	<i>Helianthemum scoparium</i>	rush rose	6.0	13.9	5.7	12.4	13.5	31.2	3.2	7.4
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia	0.4	0.9						
LECA	<i>Lepechinia calycina</i>	pitcher sage			0.1	0.3	0.2	0.4	4.5	10.4
LOSC	<i>Lotus scoparius</i>	deerweed	3.0	6.9	5.4	11.7			1.1	2.4
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	1.2	2.8	2.7	5.8			9.8	22.7
PIMO	<i>Pickeringia montana</i>	chaparral pea	11.2	25.9						
QUAG	<i>Quercus a. agrifolia</i>	coast live oak								
SAME	<i>Salvia mellifera</i>	black sage			2.0	4.3				
TODI	<i>Toxicodendron diversilobum</i>	poison oak	0.9	2.1						
Total Species (shrubs and perennials) Cover			33.0	76.3	33.5	73.0	21.4	49.4	43.1	99.8
BG	Bare Ground		9.3	21.4	1.7	3.6	6.6	15.1	8.5	19.5
VG	Vegetated Ground		5.8	13.5	15.5	33.8	17.1	39.5	8.5	19.6
Total: Cover, Bare Ground, Vegetated Ground			48.1	111.2	50.7	110.4	45.0	104.0	60.1	138.9

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus abs

**Table 3. OE Site 10A Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 18 43.8 ¹		Transect 19 41.4 ¹		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	4.4	10.0	10.6	25.6	5.43
ARHO	<i>Arctostaphylos hookeri</i> **	Hooker's manzanita	2.9	6.6			2.89
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	1.6	3.7	1.4	3.4	3.16
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	3.3	7.6	0.2	0.5	9.61
BAPI	<i>Baccharis pilularis</i>	coyote brush	3.5	8.1			2.02
CAED	<i>Carpobrotus edulis</i> *	hottentot fig					1.80
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus	0.5	1.1			1.82
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus	0.4	0.9			5.54
CETH	<i>Ceanothus thyrsiflorus</i>	carmel ceanothus					0.08
COJU	<i>Cortaderia jubata</i> *	pampas grass					0.07
ERCA	<i>Eriodictyon californicum</i>	yerba santa					0.16
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow			1.2	2.9	0.82
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed					0.06
ERER	<i>Ericameria ericoides</i>	mock heather					0.14
GAEL	<i>Garrya elliptica</i>	coast silk-tassel					0.91
HEAR	<i>Heteromeles arbutifolia</i>	toyon					0.63
HESC	<i>Helianthemum scoparium</i>	rush rose	2.3	5.3			16.01
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia					0.42
LECA	<i>Lepechinia calycina</i>	pitcher sage					1.59
LOSC	<i>Lotus scoparius</i>	deerweed	1.7	3.8			1.87
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower					2.71
PIMO	<i>Pickeringia montana</i>	chaparral pea					3.45
QUAG	<i>Quercus a. agrifolia</i>	coast live oak					0.03
SAME	<i>Salvia mellifera</i>	black sage					0.52
TODI	<i>Toxicodendron diversilobum</i>	poison oak					0.31
Total Species (shrubs and perennials) Cover			20.6	47.1	13.4	32.4	62.03
BG	Bare Ground		5.0	11.4	25.1	60.6	15.14
VG	Vegetated Ground		20.3	46.3	2.9	7.0	31.68
Total: Cover, Bare Ground, Vegetated Ground			45.9	104.8	41.4	100.0	108.85

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus abs

**Table 5. OE Site 10B Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground-Burned Areas
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 1 50.0 ¹		Transect 6 34.6 ¹		Transect 7 50.0 ¹		Transect 8 51.0 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	0.4	0.9	0.6	1.7	2.1	4.2	8.3	16.2
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	16.7	33.4	3.0	8.8	3.9	7.7	9.6	18.8
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita							0.1	0.3
BAPI	<i>Baccharis pilularis</i>	coyote brush	1.3	2.5			0.9	1.7	3.3	6.4
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus	4.4	8.8	0.7	2.1	5.5	11.0	6.8	13.3
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus	5.2	10.3			7.8	15.5		
CEGR	<i>Ceanothus griseus</i>	Carmel ceanothus	0.8	1.6						
ERFA	<i>Ericameria fasciculata</i> **	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	1.6	3.1	1.3	3.6				
GAEL	<i>Garrya elliptica</i>	coast silk-tassel							1.3	2.6
HESC	<i>Helianthemum scoparium</i>	rush rose	28.6	57.2	16.6	48.0	6.2	12.4	19.8	38.8
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia	0.3	0.6	0.2	0.4				
LECA	<i>Lepechinia calycina</i>	pitcher sage	0.7	1.4			1.2	2.4	1.7	3.4
LOSC	<i>Lotus scoparius</i>	deerweed	5.1	10.2	14.3	41.4	1.5	3.0		
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	0.9	1.9	0.5	1.5	8.1	16.1		
QUAG	<i>Quercus a. agrifolia</i>	coast live oak	1.8	3.6					1.2	2.4
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry			1.1	3.3				
RISP	<i>Ribes speciosum</i>	fuchsia-flowered gooseberry					0.4	0.8		
SAME	<i>Salvia mellifera</i>	black sage	1.2	2.5	3.7	10.6			0.3	0.5
SOUM	<i>Solanum umbelliferum</i>	blue witch	0.3	0.5						
TODI	<i>Toxicodendron diversilobum</i>	poison oak			0.8	2.4	1.7	3.5		
Total Species (shrubs and perennials) Cover			69.2	138.5	42.8	123.8	39.2	78.4	52.4	102.7
BG	Bare Ground		6.6	13.1	3.5	10.1	3.2	6.4	3.6	7.0
VG	Vegetated Ground		0.8	1.5	1.5	4.2	17.3	34.6	9.4	18.4
Total: Bare Ground, Vegetated Ground			76.5	153.1	47.7	138.1	59.7	119.4	65.4	128.1

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative vs. absolute cover between vegetation strata

**Table 5. OE Site 10B Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground-Burned Areas
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 9 52.7 ¹		Transect 10-2 49.9 ¹		Transect 11 51.6 ¹		Transect 13 32.7 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	4.8	9.2			1.5	47.6	2.4	7.4
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita					12.4	0.9	4.0	12.2
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita			17.9	35.9				
BAPI	<i>Baccharis pilularis</i>	coyote brush					0.9	1.8		
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus			6.8	13.5	3.2	6.1	0.4	1.1
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus	3.0	5.7	28.8	57.8	24.6	47.6	9.2	28.0
CEGR	<i>Ceanothus griseus</i>	Carmel ceanothus			0.8	1.6	0.4	0.9		
ERFA	<i>Ericameria fasciculata</i> **	Eastwood's goldenbush								
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	11.9	22.6					0.7	2.1
GAEL	<i>Garrya elliptica</i>	coast silk-tassel								
HESC	<i>Helianthemum scoparium</i>	rush rose	5.1	9.7	26.1	52.3	17.5	33.9	17.7	54.1
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia					0.2	0.4		
LECA	<i>Lepechinia calycina</i>	pitcher sage					0.6	1.2	0.6	1.8
LOSC	<i>Lotus scoparius</i>	deerweed	7.0	13.2					1.1	3.2
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower			0.3	0.5			0.7	2.0
QUAG	<i>Quercus a. agrifolia</i>	coast live oak								
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry	2.0	3.8						
RISP	<i>Ribes speciosum</i>	fuchsia-flowered gooseberry								
SAME	<i>Salvia mellifera</i>	black sage	11.2	21.3						
SOUM	<i>Solanum umbelliferum</i>	blue witch								
TODI	<i>Toxicodendron diversilobum</i>	poison oak								
Total Species (shrubs and perennials) Cover			45.0	85.4	80.6	161.7	46.5	140.4	36.6	111.9
BG	Bare Ground		4.0	7.7	3.0	5.9	0.4	0.8	6.0	18.3
VG	Vegetated Ground		15.8	30.0	0.8	1.5	6.4	12.4	0.5	1.6
Total: Bare Ground, Vegetated Ground			64.8	123.0	84.3	169.1	53.3	153.5	43.1	131.7

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative vs. absolute cover |

**Table 5. OE Site 10B Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground-Burned Areas
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 14 51.6 ¹		Transect 15 47.2 ¹		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	2.8	5.5			4.88
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	8.0	15.4	0.4	0.9	12.30
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	1.5	2.9			4.14
BAPI	<i>Baccharis pilularis</i>	coyote brush			0.9	1.8	1.53
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus	4.5	8.7			6.82
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus	19.7	38.2	1.4	2.9	21.12
CEGR	<i>Ceanothus griseus</i>	Carmel ceanothus					0.43
ERFA	<i>Ericameria fasciculata</i> **	Eastwood's goldenbush	0.4	0.8			0.08
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	1.1	2.0	0.2	0.4	3.54
GAEL	<i>Garrya elliptica</i>	coast silk-tassel	1.0	1.9			0.50
HESC	<i>Helianthemum scoparium</i>	rush rose	20.1	38.9	1.9	4.0	33.87
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia			0.7	1.4	0.28
LECA	<i>Lepechinia calycina</i>	pitcher sage					1.02
LOSC	<i>Lotus scoparius</i>	deerweed					6.13
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower					2.21
QUAG	<i>Quercus a. agrifolia</i>	coast live oak					0.63
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry	0.3	0.5			0.72
RISP	<i>Ribes speciosum</i>	fuchsia-flowered gooseberry					0.09
SAME	<i>Salvia mellifera</i>	black sage			0.3	0.7	3.54
SOUM	<i>Solanum umbelliferum</i>	blue witch					0.06
TODI	<i>Toxicodendron diversilobum</i>	poison oak	0.7	1.4			0.69
Total Species (shrubs and perennials) Cover			60.0	116.3	5.7	12.1	104.58
BG	Bare Ground		7.5	14.6	3.8	8.0	8.81
VG	Vegetated Ground		1.8	3.4	38.0	80.6	19.55
Total: Bare Ground, Vegetated Ground			69.3	134.3	47.5	100.7	132.94

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative vs. absolute cover |

**Table 6. OE Site 10B Percent Cover for Herbaceous Quadrat Sampling-Burned Areas
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

CODE	Scientific Name	Quadrat Number: Common Name	Transect 7						Average Cover (%)	Transect 15						Average Cover (%)	Combined Average Cover (%)
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover		1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover		
ANAR	<i>Anagallis arvensis*</i>	scarlet pimpernel	1	5					1.0	10	10	5		6	7	6.3	3.67
ARHO	<i>Arctostaphylos hookeri**</i>	Hooker's manzanita							0.0		5					0.8	0.42
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita		12	1			6	3.2							0.0	1.58
ASTE	<i>Asteraceae sp.</i>	aster sp.							0.0						7	1.2	0.58
AVBA	<i>Avena barbata*</i>	slender oat	1						0.2							0.0	0.08
BAPI	<i>Baccharis pilularis</i>	coyote brush	7						1.2	3					2	0.8	1.00
BRHO	<i>Bromus hordeaceus*</i>	soft chess	60						10.0							0.0	5.00
BRMI	<i>Briza minor*</i>	little quaking grass	1						0.2							0.0	0.08
CAOV	<i>Camissonia ovata</i>	suncups							0.0	3	5	7		6		3.5	1.75
CARX	<i>Carex sp.</i>	sedge					1		0.2	1		3			2	1.0	0.58
CECR	<i>Ceanothus cuneatus var. rigidus**</i>	Monterey ceanothus			20	85			17.5							0.0	8.75
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus		20				7	16.2					70		0.0	8.08
CETH	<i>Ceanothus thrysioflorus</i>	blue blossom				15			2.5							0.0	1.25
CRCO	<i>Crassula connata</i>	pygmy-weed	8						1.3			20		8		4.7	3.00
CRYP	<i>Cryptantha sp.</i>	cryptantha sp.							0.0						20	3.3	1.67
DOCLS	<i>Dodecatheon clevelandii ssp. sanctarum</i>	padre's shooting star							0.0	1	1					0.3	0.17
ERCI	<i>Erodium cicutarium*</i>	red-stemmed filaree	1						0.2							0.0	0.08
ERGL	<i>Erechtites glomerata*</i>	cut-leaved fireweed	5		5				1.7							0.0	0.83
FIGA	<i>Filago gallica*</i>	narrow-leaved filago							0.0		1	1			1	0.5	0.25
GACA	<i>Galium californicum</i>	California bedstraw	4						0.7							0.0	0.33
GNSP	<i>Gnaphalium sp.</i>	cudweed	1		2				0.5	1		20		6		4.5	2.50
HESC	<i>Helianthemum scoparium</i>	rush rose		25		50	45	24	24.0	55	28	20				17.2	20.58
HESP	<i>Hemizonia sp</i>	tarweed							0.0					30		5.0	2.50
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia				1			0.2	10	3	1				2.3	1.25
HYGL	<i>Hypochaeris glabra*</i>	smooth cat's-ear							0.0	10	45			27		13.7	6.83
LILI	<i>Liaceae sp.</i>	lily sp.							0.0	1		1			1	0.5	0.25
LOMI	<i>Lotus micranthus</i>	small-flowered lotus			6				1.0							0.0	0.50
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower		15	1				2.7							0.0	1.33
NESP	<i>Nessella sp</i>	needlegrass							0.0					11		1.8	0.92
PLER	<i>Plantago erecta</i>	California plantain							0.0		15					2.5	1.25
POSE	<i>Pogogyne serpylloides</i>	thyme-leaf pogogyne							0.0					22	5	4.5	2.25
SOOL	<i>Sonchus oleraceus*</i>	common sow thistle	2						0.3							0.0	0.17
SOSE	<i>Soliva sessilis*</i>	common soliva							0.0		3					0.5	0.25
UKMO	Unknown moss sp	unknown moss			1	50	40		15.2			80	17	15		18.7	16.92
VUBR	<i>Vulpia bromides*</i>	six-week fescue	2						0.3							0.0	0.17
VUMY	<i>Vulpia myuros*</i>	rat-tail fescue	1						0.2	5	14	8	3	20	23	12.2	6.17
Total Vegetative Cover			94	77	36	201	99	94	100.2	100	130	46	123	139	97	105.8	103.00
Total Cover			94	77	36	201	99	94	100.2	100	130	46	123	139	97	105.8	103.00

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus absolute cover between vegetation strata

**Table 7. OE Site 10B Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground-Clipped Areas
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 2 22.8 ¹		Transect 12 48.4 ¹		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	1.4	6.2			1.99
ARHO	<i>Arctostaphylos h. hookeri</i> **	Hooker's manzanita			1.1	2.4	1.60
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	5.4	23.5	32.8	67.8	53.60
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	11.7	51.4	11.8	24.4	33.01
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus			0.4	0.7	0.51
ERFA	<i>Ericameria fasciculata</i> **	Eastwood's goldenbush			0.1	0.2	0.15
GAEL	<i>Garrya elliptica</i>	coast silk-tassel	1.2	5.3			1.69
HESC	<i>Helianthemum scoparium</i>	rush rose			0.4	0.8	0.53
QUBE	<i>Quercus a. agrifolia</i>	coast live oak	0.2	0.8			0.27
RHCA	<i>Rhamnus c. californica</i>	California coffeeberry	0.6	2.5	3.1	6.4	5.13
SAME	<i>Salvia mellifera</i>	black sage			0.4	0.8	0.53
Total Species (shrubs and perennials) Cover			20.4	89.7	50.1	103.4	99.02
BG	Bare Ground		8.1	35.5	8.6	17.8	23.46
VG	Vegetated Ground				0.5	1.0	0.66
Total: Bare Ground, Vegetated Ground			28.5	125.2	59.1	122.2	123.13

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus absolute cover between vegetation strata

**Table 8. OE Site 11 Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 1 164.6 ¹		Transect 2 165.0 ¹		Transect 3 163.3 ¹		Transect 5 163.0 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	47.5	28.9	22.6	13.7	17.3	10.6	43.8	26.9
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	3.0	1.8	16.3	9.9				
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	16.2	9.8	11.2	6.8	36.4	22.3		
BAPI	<i>Baccharis pilularis</i>	coyote brush			5.8	3.5	1.0	0.6	2.1	1.3
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus	2.3	1.4			9.1	5.6		
ERCO	<i>Eriophyllum confertiflorum</i>	golden-yarrow	1	0.6						
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed			1.3	0.8	14.1	8.6		
GAEL	<i>Garrya elliptica</i>	coast silk tassel					0.4	0.2		
GNSP	<i>Gnaphalium</i> sp.	cudweed					0.2	0.1		
HESC	<i>Helianthemum scoparium</i>	rush rose							0.9	0.6
HOCU	<i>Horkelia cuneata</i>	wedge-leaved horkelia								
LECA	<i>Lepechinia calycina</i>	pitcher sage	0.1	0.1			1.7	1.0	0.8	0.5
LOSC	<i>Lotus scoparius</i>	deerweed								
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	46.9	28.5	22.5	13.6	11.8	7.2	10.6	6.5
SAME	<i>Salvia mellifera</i>	black sage	9.4	5.7			10.5	6.4	2.0	1.2
QUAG	<i>Quercus a. agrifolia</i>	coast live oak								
TODI	<i>Toxicodendron diversilobum</i>	poison oak			0.3	0.2				
Total Species (shrubs and perennials) Cover			126.4	76.8	80.0	48.5	102.5	62.8	60.2	36.9
BG	Bare Ground		22.8	13.9	29.0	17.6	57.3	35.1	22.8	14.0
DV	Dead Vegetation		1.2	0.7			1.0	0.6	15.0	9.2
VG	Vegetated Ground		9.7	5.9	31.4	19.0	14.5	8.9	40.0	24.5
BRUSH	Brush Pile		33.2	20.2	32.1	19.5	20.6	12.6	36.1	22.1
Total: BG, DV, VG and BRUSH			193.3	117.4	172.5	104.5	195.9	120.0	174.1	106.8

¹ Transect Length (feet)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative vs. absolute cover between vegetation stratas

**Table 8. OE Site 11 Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 8 163.7 ¹		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	37.8	23.1	20.62
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita	32.7	20.0	6.34
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	17.2	10.5	9.88
BAPI	<i>Baccharis pilularis</i>	coyote brush			1.09
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus			1.39
ERCO	<i>Eriophyllum confertiflorum</i>	golden-yarrow	0.8	0.5	0.22
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed			1.88
GAEL	<i>Garrya elliptica</i>	coast silk tassel			0.05
GNSP	<i>Gnaphalium</i> sp.	cudweed	2.9	1.8	0.38
HESC	<i>Helianthemum scoparium</i>	rush rose	9.7	5.9	1.29
HOCU	<i>Horkelia cuneata</i>	wedge-leaved horkelia	6.8	4.2	0.83
LECA	<i>Lepechinia calycina</i>	pitcher sage			0.32
LOSC	<i>Lotus scoparius</i>	deerweed	14.0	8.6	1.71
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower			11.20
SAME	<i>Salvia mellifera</i>	black sage			2.67
QUAG	<i>Quercus a. agrifolia</i>	coast live oak	0.3	0.2	0.04
TODI	<i>Toxicodendron diversilobum</i>	poison oak			0.04
Total Species (shrubs and perennials) Cover			122.2	74.6	59.87
BG	Bare Ground		48.5	29.6	22.01
DV	Dead Vegetation		26.2	16.0	5.30
VG	Vegetated Ground		10.8	6.6	12.98
BRUSH	Brush Pile				14.89
Total: BG, DV, VG and BRUSH			207.7	126.9	115.04

¹ Transect Length (feet)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative vs. absolute

**Table 9. OE Site 11 Percent Cover for Herbaceous Quadrat Sampling
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

CODE	Scientific Name	Common Name	Transect 5						Average Cover (%)
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	35	30	10	3		25	20.6
AICA	<i>Aira caryophylla</i> *	silvery hair-grass		40				40	16.0
BAPI	<i>Baccharis pilularis</i>	coyote brush				5			1.0
GAPO	<i>Galium porrigens</i>	climbing bedstraw			15			3	3.6
GNSP	<i>Gnaphalium</i> sp.	cudweed					10	3	2.6
HESC	<i>Helianthemum scoparium</i>	rush rose				3			0.6
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia				10			2.0
MAEX	<i>Madia exigua</i>	small tarweed	5						1.0
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower		20	10			20	10.0
UNAG	Unknown annual grass	Unknown annual grass						30	6.0
Total Vegetative Cover			40	90	35	21	80	51	63.40
BG	Bare Ground		45	5	15	70	30	30	39.0
BRUSH	Brush Pile				50			20	14.0
DV	Dead Vegetation		20	20	5	20	20	15	20.0
Total: Cover, BG, BRUSH, and DV			105	115	105	111	130	116	136.40

*Non-native species

**Table 10. OE Site 19 Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground 2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 1 50.0 ¹		Transect 2 47.9 ¹		Transect 3 46.3 ¹		Transect 4 46.0 ¹	
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover
ADFA	<i>Adenostoma fasciculatum</i>	chamise	0.5	0.9			5.0	10.8	15.2	33.0
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita			0.4	0.7				
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	16.2	32.4	16.4	34.2	12.0	26.0	18.7	40.7
BAPI	<i>Baccharis pilularis</i>	coyote brush					1.0	2.1	3.6	7.9
CEED	<i>Carpobrotus edulis</i> *	hottentot fig					1.5	3.1		
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus							11.4	24.7
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus							7.1	15.5
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow	1.8	3.6						
HEAR	<i>Heteromeles arbutifolia</i>	toyon	4.5	9.0						
HESC	<i>Helianthemum scoparium</i>	rush rose	4.1	8.1	0.1	0.3	4.6	9.9	2.9	6.4
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia	0.1	0.3						
LECA	<i>Lepechinia calycina</i>	pitcher sage	1.2	2.3			1.8	3.9	2.3	4.9
LOSC	<i>Lotus scoparius</i>	deerweed	0.3	0.5			4.6	9.8		
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower			10.0	20.8	1.9	4.1	0.2	0.5
QUAG	<i>Quercus a. agrifolia</i>	coast live oak			25.1	52.4	3.3	7.1		
RIMA	<i>Ribes malvaceum</i>	chaparral currant								
RISP	<i>Ribes speciosum</i>	fuchsia-flowered gooseberry			0.5	1.0				
SAME	<i>Salvia mellifera</i>	black sage	2.2	4.4	1.6	3.3	3.9	8.3		
SOUM	<i>Solanum umbelliferum</i>	blue witch								
TODI	<i>Toxicodendron diversilobum</i>	poison oak			3.0	6.3				
Total Species (shrubs and perennials) Cover			30.7	61.5	57.0	119.0	39.4	85.1	61.5	133.7
BG	Bare Ground		8.5	17.0	1.3	2.6	1.7	3.7	2.2	4.7
VG	Vegetated Ground		16.7	33.5	4.7	9.8	12.8	27.5		0.0
Total: Bare Ground and Vegetated Ground			56.0	111.9	63.0	131.5	53.8	116.3	63.7	138.5

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative versus absolute cover between vegetation strata

**Table 10. OE Site 19 Intercept Distances and Percent Cover for Shrub Species,
Bare, and Vegetated Ground 2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common name	Transect 5 47.0 ¹		Transect 6 44.3 ¹		Transect 7 48.2 ¹		Transect 8 46.4 ¹		Combined Estimated (%) Cover
			Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	Intercept Distance	(%) Cover	
ADFA	<i>Adenostoma fasciculatum</i>	chamise	1.2	2.6	2.1	4.8	8.3	17.2	12.3	26.5	11.84
ARMO	<i>Arctostaphylos montereyensis</i> **	Toro manzanita			0.5	1.1	1.0	2.1			0.49
ARTO	<i>Arctostaphylos t. tomentosa</i>	shaggy-barked manzanita	30.5	64.8	26.5	59.8	19.8	41.0	33.7	72.7	46.21
BAPI	<i>Baccharis pilularis</i>	coyote brush	0.2	0.4	2.7	6.1	0.4	0.8	0.3	0.6	2.18
CEED	<i>Carpobrotus edulis</i> *	hottentot fig									0.39
CECR	<i>Ceanothus cuneatus rigidus</i> **	Monterey ceanothus	9.6	20.3	6.6	14.9			2.5	5.3	7.97
CEDE	<i>Ceanothus dentatus</i>	dwarf ceanothus	7.3	15.5	2.0	4.5			8.5	18.2	6.61
ERCO	<i>Eriophyllum confertiflorum</i>	golden yarrow									0.48
HEAR	<i>Heteromeles arbutifolia</i>	toyon									1.20
HESC	<i>Helianthemum scoparium</i>	rush rose	10.8	23.0	0.3	0.6	9.5	19.7	2.2	4.8	9.17
HOCU	<i>Horkelia c. cuneata</i>	wedge-leaved horkelia					0.2	0.4			0.08
LECA	<i>Lepechinia calycina</i>	pitcher sage					1.5	3.2			1.80
LOSC	<i>Lotus scoparius</i>	deerweed	0.9	1.9	1.2	2.7	4.3	8.8	0.4	0.8	3.07
MIAU	<i>Mimulus aurantiacus</i>	sticky monkey flower	0.4	0.9	0.2	0.4	0.6	1.2			3.52
QUAG	<i>Quercus a. agrifolia</i>	coast live oak									7.54
RIMA	<i>Ribes malvaceum</i>	chaparral currant	0.2	0.3	0.4	1.0					0.16
RISP	<i>Ribes speciosum</i>	fuchsia-flowered gooseberry									0.13
SAME	<i>Salvia mellifera</i>	black sage			0.1	0.3	2.5	5.1			2.73
SOUM	<i>Solanum umbelliferum</i>	blue witch			0.2	0.5					0.06
TODI	<i>Toxicodendron diversilobum</i>	poison oak									0.80
Total Species (shrubs and perennials) Cover			61.0	129.8	42.8	96.5	48.0	99.5	59.8	128.9	106.41
BG	Bare Ground		1.7	3.6	7.1	16.1	1.5	3.0	3.5	7.4	7.28
VG	Vegetated Ground		4.0		0.0		9.4	19.5	0.8	1.8	12.87
Total: Bare Ground and Vegetated Ground			66.7	133.4	49.9	112.6	58.9	122.1	64.1	138.1	126.56

¹ Transect Length (meters)

*Non-native species

** indicates HMP species

Overall species cover may exceed 100% due to differences in relative ve

**Table 11. Summary of Wetland Survey Dates
2001 Annual Monitoring Report
Former Fort Ord, Monterey, California**

Waterbody	Survey Type	Jan.12	Feb.12	Feb.13	Mar. 26	Apr. 18	Apr. 19	May 23	May 24
42	Follow-up	X			X		X		X
53	Baseline		X		X	X		X	
MGF	Follow-up			X	X		X		X

MGF Machine Gun Flats

**Table 12. Summary of Wetland Monitoring Transects
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Site	Transect Number	Transect Length (ft)	Number of Quadrats	Total Area Sampled (m ²)
Waterbody 42	1	63	7	1.75
	2	72	8	2.00
Waterbody 53	1	111	12	3.00
	2	41	5	1.25
	3	41	5	1.25
Machine Gun Flats	1	98	9	2.25
	2	70	9	2.25
	3	64	6	1.50
	4	101	11	2.75
	5	99	10	2.25
	6	50	6	1.50
	7	50	6	1.50
	8	50	6	1.50
	9	41	5	1.25

Table 13. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Waterbody 42
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California

Code	Scientific Name	Common Name	Transect 1							Average Cover (%)	
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover	7 % Cover		
AICA	<i>Aira caryophylla</i> *	silvery hair-grass			15.0	15.0			2.0		4.57
APOC	<i>Aphanes occidentalis</i>	lady's mantle									0.00
AVBA	<i>Avena barbata</i> *	slender wild oat							1.0		0.14
BLCR	<i>Bloomeria crocea</i>	golden stars			2						0.29
BRMI	<i>Briza minor</i> *	small quaking grass							5		0.71
BRTE	<i>Brodiaea terrestis</i>	ground brodiaea		2							0.29
BRHO	<i>Bromus hordeaceus</i> *	soft chess						5			0.71
CEME	<i>Centaurea melitenis</i> *	tocalot						10			1.43
COBO	<i>Conyza bonariensis</i> *	South American conyza									0.00
DACA	<i>Danthonia californica</i>	California oatgrass	55	50	25	10			45		26.43
DEDA	<i>Deschampsia danthonioides</i>	annual hair-grass									0.00
ELAC	<i>Eleocharis a. acicularis</i>	needle spike-rush									0.00
ERAR	<i>Eryngium armatum</i>	coast eryngo		5				20	20	20	9.29
FIGA	<i>Filago gallica</i> *	narrow-leaved filago			10	1			2	10	3.29
GAVE	<i>Gastridium ventricosum</i> *	nit-grass						5			0.71
GECA	<i>Geranium carolinianum</i>	Carolina geranium									0.00
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant									0.00
HECO	<i>Hemizonia corymbosa</i> ssp. <i>corymbosa</i>	coast tarweed	5	5	5	45	20	5	5	5	12.86
HYGL	<i>Hypochaeris glabra</i> *	smooth cats' ear	10	10	10	10				10	7.14
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush									0.00
LYHY	<i>Lythrum hyssopifolium</i> *	grass poly									0.00
PLCO	<i>Plantago coronopus</i> *	cutleaved plantain						15		10	3.57
POSE	<i>Poa secunda</i>	Pacific bluegrass									0.00
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass									0.00
QU	<i>Quercus</i> sp.	Oak sp.			3						0.43
SIBE	<i>Sisyrinchium bellum</i>	blue-eyed grass			5	5				20	4.29
SOAS	<i>Sonchus asper</i>	prickly sow thistle									0.00
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle									0.00
Total Vegetative Cover			70	72	75	86	75	80	75		76.14
BG	Bare Ground		15	15	15	10	15	10	20		14.29
DV	Dead Vegetation		15	15	10	5	10	10	5		10.00
OW	Open Water		0	0	0	0	0	0	0		0.00
Total: Vegetation Cover, Bare Ground, Dead Vegetation and Open Water			100	102	100	101	100	100	100		100.43

*Non-native species

Table 13. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Waterbody 42
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California

Code	Scientific Name	Common Name	Transect 2								Average Cover (%)	Combined Average Cover (%)
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover	7 % Cover	8 % Cover		
AICA	<i>Aira caryophylla</i> *	silvery hair-grass								10.0	1.25	2.91
APOC	<i>Aphanes occidentalis</i>	lady's mantle			35.0						4.38	2.19
AVBA	<i>Avena barbata</i> *	slender wild oat									0.00	0.07
BLCR	<i>Bloomeria crocea</i>	golden stars									0.00	0.14
BRMI	<i>Briza minor</i> *	small quaking grass	2		10	1	2	5			2.50	1.61
BRTE	<i>Brodiaea terrestis</i>	ground brodiaea									0.00	0.14
BRHO	<i>Bromus hordeaceus</i> *	soft chess									0.00	0.36
CEME	<i>Centaurea melitenis</i> *	toçalot									0.00	0.71
COBO	<i>Conyza bonariensis</i> *	South American conyza		1	5			5		5	2.00	1.00
DACA	<i>Danthonia californica</i>	California oatgrass				5				15	2.50	14.46
DEDA	<i>Deschampsia danthonioides</i>	annual hair-grass								10.0	1.25	0.63
ELAC	<i>Eleocharis a. acicularis</i>	needle spike-rush	85	60		45	10	10		40	31.25	15.63
ERAR	<i>Eryngium armatum</i>	coast eryngo		15	15	20	60	10	10		16.25	12.77
FIGA	<i>Filago gallica</i> *	narrow-leaved filago								3	0.38	1.83
GAVE	<i>Gastidium ventricosum</i> *	nit-grass									0.00	0.36
GECA	<i>Geranium carolinianum</i>	Carolina geranium	3	10	10		2				3.13	1.56
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant	2								0.25	0.13
HECO	<i>Hemizonia corymbosa</i> ssp. <i>corymbosa</i>	coast tarweed			2				10	2	1.75	7.30
HYGL	<i>Hypochaeris glabra</i> *	smooth cats' ear							5		0.63	3.88
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush					10	3			1.63	0.81
LYHY	<i>Lythrum hyssopifolium</i> *	grass poly					2				0.25	0.13
PLCO	<i>Plantago coronopus</i> *	cutleaved plantain			5				5		1.25	2.41
POSE	<i>Poa secunda</i>	Pacific bluegrass								10	1.25	0.63
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass	3		10	5	5		5		3.50	1.75
QU	<i>Quercus</i> sp.	Oak sp.									0.00	0.21
SIBE	<i>Sisyrinchium bellum</i>	blue-eyed grass		1	2	15					2.25	3.27
SOAS	<i>Sonchus asper</i>	prickly sow thistle				5					0.63	0.31
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle	5								0.63	0.31
Total Vegetative Cover			100	87	94	96	91	36	45	82	78.88	77.51
BG	Bare Ground		0	5	10	5	5	60	50	0	16.88	15.58
DV	Dead Vegetation		5	8	5	5	5	5	5	25	7.88	8.94
OW	Open Water		0	0	0	0	0	0	0	0	0.00	0.00
Total: Vegetation Cover, Bare Ground, Dead Vegetation and Open Water			105	100	109	106	101	101	100	107	12.95	102.03

*Non-native species

Table 14. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Waterbody 53
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California

Code	Scientific Name	Common Name	Transect 1												Average Cover (%)	
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover	7 % Cover	8 % Cover	9 % Cover	10 % Cover	11 % Cover	12 % Cover		
AICA	<i>Aira caryophylla</i> *	silvery hair-grass	1	1	2										0.3	
ANAR	<i>Anagallis arvensis</i> *	scarlet pimpernel					1	1					10		1.0	
BRMI	<i>Briza minor</i> *	small quaking grass		1	5	10								5	1.8	
BRHO	<i>Bromus hordeaceus</i> *	soft chess	2												0.2	
COCA	<i>Conya canadensis</i>	horseweed													0.0	
COBO	<i>Conyza bonariensis</i> *	South American conyza										30			2.5	
COCO	<i>Cotula coronopifolia</i> *	brass buttons					25	35	25	25			10	20	1	11.8
DACA	<i>Danthonia californica</i>	California oatgrass			30										2.5	
DISP	<i>Distichlis spicata</i>	saltgrass				8	5	10					10		2.8	
ELMO	<i>Eleocharis montividenis</i>	Dombey's spike rush							15	25	35	2	2		6.6	
EPBR	<i>Epilobium brachycarpum</i>	panicked willow-herb		2											0.2	
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed													0.0	
HECU	<i>Heliotropium curassavicum</i>	Chinese pusley							5	5	6	5	5		2.2	
HOB	<i>Hordeum b. brachyantherum</i>	meadow barley						10							0.8	
GEDI	<i>Geranium dissectum</i> *	cut leaf geranium	1	1		2	1							1	0.5	
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant	5	1		1									0.6	
JUOC	<i>Juncus bufonis</i> var. <i>occidentalis</i>	round fruited toad rush											2		0.2	
JUPA	<i>Juncus patens</i>	spreading rush	35	75		10	20								11.7	
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush													0.0	
LOMU	<i>Lolium multiflorum</i> *	Italian ryegrass	2											2	0.3	
PHLE	<i>Phalaris lemmonii</i>	Lemmon's canary grass													0.0	
PLCH	<i>Plagiobothrys chorisianus hickmanii</i>	Hickman's popcorn flower						30	15	20	5	30	30	35	13.8	
PLCO	<i>Plantago coronopus</i> *	cut-leaved plantain		3	20										1.9	
POMA	<i>Polypogon maritimus</i> *	maritime beard-grass													70	5.8
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass			5	25	5			4		2	20		5.1	
RUAX	<i>Rumex acetosella</i> *	sheep sorrel	20	1		4									2.1	
RUCO	<i>Rumex crispus</i> *	curly dock					2					1		1	0.3	
SOOL	<i>Sonchus oleraceus</i> *	common sow-thistle		2	5	20								15	3.5	
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle			2	10				5					1.4	
VISA	<i>Vicia sativa</i>	spring vetch	5											1	0.5	
VUOC	<i>Vulpia octoflora</i> var. <i>octoflora</i>	slender fescue		1											0.1	
Total Vegetative (shrubs and perennials) Cover			71	88	69	90	99	81	80	75	67	62	87	94	80.3	
BG	Bare Ground		25	5	27	10	7	20	20	25	30	35	15	5	18.7	
DV	Dead Vegetation		4	10	5	0	0	0	0	0	3	5	5	5	3.1	
OW	Open Water		0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Total: Vegetative Cover, Bare Ground, Dead Vegetation and Open Water			100	103	101	100	106	101	100	100	100	102	107	104	102.0	

*Non-native species

**Table 14. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Waterbody 53
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common Name	Transect 2					Average Cover (%)	Transect 3					Average Cover (%)	Combined Average Cover (%)
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover		1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover		
AICA	<i>Aira caryophylla</i> *	silvery hair-grass						0.0						0.0	0.11
ANAR	<i>Anagallis arvensis</i> *	scarlet pimpernel		2				0.4						0.0	0.47
BRMI	<i>Briza minor</i> *	small quaking grass	5					1.0						0.0	0.92
BRHO	<i>Bromus hordeaceus</i> *	soft chess						0.0						0.0	0.06
COCA	<i>Conya canadensis</i>	horseweed	5	2	5			2.4						0.0	0.80
COBO	<i>Conyza bonariensis</i> *	South American conyza	6	2				1.6						0.0	1.37
COCO	<i>Cotula coronopifolia</i> *	brass buttons						0.0						0.0	3.92
DACA	<i>Danthonia californica</i>	California oatgrass						0.0						0.0	0.83
DISP	<i>Distichlis spicata</i>	saltgrass						0.0						0.0	0.92
ELMO	<i>Eleocharis montividentis</i>	Dombey's spike rush	15	10	25	40	50	28.0	20		35	35	30	24.0	19.53
EPBR	<i>Epilobium brachycarpum</i>	panicked willow-herb						0.0						0.0	0.06
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed						0.0	5	20				5.0	1.67
HECU	<i>Heliotropium curassavicum</i>	Chinese pusley						0.0						0.0	0.72
HOBR	<i>Hordeum b. brachyantherum</i>	meadow barley						0.0	15	40	5			12.0	4.28
GEDI	<i>Geranium dissectum</i> *	cut leaf geranium	5	2	5			2.4						0.0	0.97
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant						0.0						0.0	0.19
JUOC	<i>Juncus bufonis</i> var. <i>occidentalis</i>	round fruited toad rush						0.0						0.0	0.06
JUPA	<i>Juncus patens</i>	spreading rush						0.0						0.0	3.89
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush		25				5.0						0.0	1.67
LOMU	<i>Lolium multiflorum</i> *	Italian ryegrass						0.0						0.0	0.11
PHLE	<i>Phalaris lemmonii</i>	Lemmon's canary grass		3				0.6			5			1.0	0.53
PLCH	<i>Plagiobothrys chorisianus hickmanii</i>	Hickman's popcorn flower						0.0						0.0	4.58
PLCO	<i>Plantago coronopus</i> *	cut-leaved plantain						0.0						0.0	0.64
POMA	<i>Polypogon maritimus</i> *	maritime beard-grass						0.0						0.0	1.94
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass	30	35	40	25		26.0						0.0	10.36
RUAX	<i>Rumex acetosella</i> *	sheep sorrel						0.0						0.0	0.69
RUCO	<i>Rumex crispus</i> *	curly dock	2					0.4						0.0	0.24
SOOL	<i>Sonchus oleraceus</i> *	common sow-thistle	2					0.4						0.0	1.30
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle						0.0	40	5				9.0	3.47
VISA	<i>Vicra sativa</i>	spring vetch						0.0						0.0	0.17
VUOC	<i>Vulpia octoflora</i> var. <i>octoflora</i>	slender fescue						0.0						0.0	0.03
Total Vegetative (shrubs and perennials) Cover			70	81	75	65	50	68.2	80	65	45	35	30	51.0	66.48
BG	Bare Ground		20	5	5	30	50	22.0	5	5	5	0	0	3.0	14.56
DV	Dead Vegetation		10	15	20	5	0	10.0	15	30	50	65	70	46.0	19.69
OW	Open Water		0	0	0	0	0	0.0	0	0	0	0	0	0.0	0.00
Total: Vegetative Cover, Bare Ground, Dead Vegetation and Open Water			100	101	100	100	100	100.2	100	100	100	100	100	100.0	100.73

*Non-native species

**Table 15. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Machine Gun Flats
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common Name	Transect 1									Average Cover (%)	Transect 2									Average Cover (%)
			1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %		1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	
AICA	<i>Aira caryophylla</i> *	silvery hair-grass	15								1.7										0.0	
ANAR	<i>Anagallis arvensis</i> *	scarlet pimpernel	1								0.1										0.0	
BRMI	<i>Briza minor</i> *	small quaking grass		2							0.2	1									0.1	
BRRG	<i>Bromus diandrus</i> *	rip gut									0.0										0.0	
BRHO	<i>Bromus hordeaceus</i> *	soft chess									0.0										0.0	
CEDA	<i>Centaureum davyi</i>	Davy's centaury		2							0.2										0.0	
COMA	<i>Conium maculatum</i> *	poison hemlock									0.0										0.0	
COCA	<i>Conyza canadensis</i>	horseweed			10			5			1.7										0.0	
COBO	<i>Conyza bonariensis</i> *	South American conyza		11							1.2										0.0	
COCO	<i>Cotula coronopifolia</i> *	brass buttons									0.0										0.0	
COSP	<i>Conyza spp</i>	horseweed			20	15	25	20	15		10.6										0.0	
DISP	<i>Distichlis spicata</i>	saltgrass		5					5	15	3.3									5	0.6	
ELAC	<i>Eleocharis a. acicularis</i>	needle spike-rush		10		15				5	3.3			5	10						2.2	
ELMA	<i>Eleocharis macrostachya</i>	pale spike-rush			5	15	35	10	30	15	13.3								70	20	10.0	
ELGL	<i>Elymus glaucus</i> ssp. <i>glaucus</i>	blue wildrye									0.0										0.0	
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed									0.0		3				1				0.4	
ERBO	<i>Erodium botrys</i> *	long-beaked filaree									0.0										0.0	
ERCI	<i>Erodium cicutarium</i> *	red steamed filaree									0.0						5				0.6	
ERAR	<i>Eryngium armatum</i>	coast eryngo									0.0		2								0.2	
GAAP	<i>Galium aparine</i>	goose grass									0.0										0.0	
GEDI	<i>Geranium dissectum</i> *	cut leaf geranium	1	2							0.3										0.0	
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant		5		5	5	5			2.2										0.0	
GNLA	<i>Gnaphalium luteo-album</i> *	common cudweed									0.0										0.0	
HECO	<i>Hemizonia corymbosa</i>	coast tarweed									0.0										0.0	
HYGL	<i>Hypochaeris glabra</i>	smooth cat's ear									0.0										0.0	
JUBA	<i>Juncus balticus</i>	wire rush/Baltic rush									0.0										0.0	
JULE	<i>Juncus lesueurii</i>	salt rush									0.0	25	65	75	40	10			10		25.0	
JUPA	<i>Juncus patens</i>	spreading rush		2						15	1.9										0.0	
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush									1.1			20							2.2	
LETR	<i>Leymus triticoides</i>	beardless ryegrass	15	20							4.4	1									0.1	
LOMU	<i>Lolium multiflorum</i> *	Italian ryegrass									0.0										0.0	
LYHY	<i>Lythrum hyssopifolium</i> *	grass poly									0.0										0.0	
MAGR	<i>Madia gracilis</i>	slender tarweed									0.0										0.0	
MALE	<i>Malvella leprosa</i>	alkali mallow									0.0			5	20	1	5				3.4	
PHLE	<i>Phalaris lemmonii</i>	Lemmon's canary grass									0.0										0.0	
PLCO	<i>Plantago coronopus</i> *	cut-leaved plantain	20	2							2.4								5		0.6	
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass				10	5		5	5	5.6						45	25		40	12.2	
PONO	<i>Potamogeton nodosus</i>	long-leaved pondweed									0.0										0.0	
QAAG	<i>Quercus agrifolia</i>	coast live oak									0.0		5								0.6	
RUCO	<i>Rumex crispus</i> *	curly dock									0.0										0.0	
SOAS	<i>Sonchus asper</i>	prickly sow thistle									0.0										0.0	
SOOL	<i>Sonchus oleraceus</i> *	common sow-thistle									0.0										0.0	
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle								5	1.7	2						5		10	1.9	
VUBR	<i>Vulpia bromoides</i>	six-weeks fescue									0.0										0.0	
VUMY	<i>Vulpia m. myuros</i> *	rat-tail fescue									0.0										0.0	
UNKN	Unknown Species	Unknown species	2	5							0.8										0.0	
Total Vegetative Cover			54	66	50	45	75	35	55	55	70	56.1	29	75	80	70	40	52	50	70	75	60.1
BG	--	Bare Ground	2	40	0	5	5	10	0	45	5	12.4	1	1	0	0	0	0	0	10	10	2.4
DV	--	Dead Vegetation	50	0	50	50	20	55	45	0	25	32.8	70	25	20	30	60	50	50	20	15	37.8
OW	--	Open Water	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0.0
Total: Vegetation Cover, Bare Ground, Dead Vegetation and Open Water			106	106	100	100	100	100	100	100	100	101.3	100	101	100	100	100	102	100	100	100	100.3

*Non-native species

**Table 15. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Machine Gun Flats
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common Name	Transect 3						Average Cover (%)	Transect 4											Average Cover (%)		
			1 %	2 %	3 %	4 %	5 %	6 %		1 %	2 %	3 %	4 %	5 %	6 %	7 %	8 %	9 %	10 %	11 %			
AICA	<i>Aira caryophylla</i> *	silvery hair-grass	20						3.3														0.0
ANAR	<i>Anagallis arvensis</i> *	scarlet pimpernel							0.0														0.0
BRMI	<i>Briza minor</i> *	small quaking grass	2	5					1.2	5	5	5	5	1	5	5	5			2	2		3.6
BRRG	<i>Bromus diandrus</i> *	rip gut							0.0														0.0
BRHO	<i>Bromus hordeaceus</i> *	soft chess		5					0.8														0.0
CEDA	<i>Centaureum davyi</i>	Davy's centaury							0.0														0.0
COMA	<i>Conium maculatum</i> *	poison hemlock							0.0														0.0
COCA	<i>Conyza canadensis</i>	horseweed							0.0														0.0
COBO	<i>Conyza bonariensis</i> *	South American conyza							0.0														0.0
COCO	<i>Cotula coronopifolia</i> *	brass buttons							0.0														0.0
COSP	<i>Conyza spp</i>	horseweed	5						0.8														0.0
DISP	<i>Distichlis spicata</i>	saltgrass			10	5	5	35	9.2			10	10							5			2.3
ELAC	<i>Eleocharis a. acicularis</i>	needle spike-rush						5	1.7					5	10	10	10	10	15	10			5.5
ELMA	<i>Eleocharis macrostachya</i>	pale spike-rush				15	20	15	8.3														0.0
ELGL	<i>Elymus glaucus</i> ssp. <i>glaucus</i>	blue wildrye	15						2.5														0.0
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed							0.0														0.0
ERBO	<i>Erodium botrys</i> *	long-beaked filaree							0.0			5	5		5	5							1.8
ERCI	<i>Erodium cicutarium</i> *	red steamed filaree							0.0			10											0.9
ERAR	<i>Eryngium armatum</i>	coast eryngo	5						0.8	30	25	10	20	15	30	30	40	40	40	40	45		29.5
GAAP	<i>Galium aparine</i>	goose grass							0.0														0.0
GEDI	<i>Geranium dissectum</i> *	cut leaf geranium							0.0														0.0
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant							0.0														0.0
GNLA	<i>Gnaphalium luteo-album</i> *	common cudweed	2			3	10		2.5					5									0.5
HECO	<i>Hemizonia corymbosa</i>	coast tarweed							0.0	5	15			10		5	5						3.6
HYGL	<i>Hypochaeris glabra</i>	smooth cat's ear	2						0.3														0.0
JUBA	<i>Juncus balticus</i>	wire rush/Baltic rush			10				1.7														0.0
JULE	<i>Juncus lesueurii</i>	salt rush							0.0														0.0
JUPA	<i>Juncus patens</i>	spreading rush							0.0														0.0
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush			5		15	25	7.5														0.0
LETR	<i>Leymus triticoides</i>	beardless ryegrass							0.0														0.0
LOMU	<i>Lolium multiflorum</i> *	Italian ryegrass							0.0														0.0
LYHY	<i>Lythrum hyssopifolium</i> *	grass poly							0.0														0.0
MAGR	<i>Madia gracilis</i>	slender tarweed	5						0.8														0.0
MALE	<i>Malvella leprosa</i>	alkali mallow				5	5	5	2.5	5	5	5	10	5									2.7
PHLE	<i>Phalaris lemmonii</i>	Lemmon's canary grass				5	10		2.5	5		10		25						10			4.5
PLCO	<i>Plantago coronopus</i> *	cut-leaved plantain	10		5				2.5														0.0
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass			10	2	5		2.8							5		5					0.9
PONO	<i>Potamogeton nodosus</i>	long-leaved pondweed							0.0														0.0
QAAG	<i>Quercus agrifolia</i>	coast live oak							0.0														0.0
RUCO	<i>Rumex crispus</i> *	curly dock					5		0.8														0.0
SOAS	<i>Sonchus asper</i>	prickly sow thistle		5					0.8	5	5	5		5	5	5	5	5	5	5			3.6
SOOL	<i>Sonchus oleraceus</i> *	common sow-thistle							0.0														0.0
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle		20	20	5			7.5	5		5	5	15	5								3.2
VUBR	<i>Vulpia bromoides</i>	six-weeks fescue		20					3.3														0.0
VUMY	<i>Vulpia m. myuros</i> *	rat-tail fescue							0.0														0.0
UNKN	Unknown Species	Unknown species							0.0														0.0
Total Vegetative Cover			66	55	60	40	80	85	64.3	60	55	50	65	56	75	65	70	60	77	57			62.7
BG	--	Bare Ground	5	5	0	5	0	0	2.5	5	40	0	0	5	5	20	0	0	0	5			7.3
DV	--	Dead Vegetation	35	40	40	55	20	15	34.2	35	5	50	35	40	20	15	30	40	25	40			30.5
OW	--	Open Water	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0			0.0
Total: Vegetation Cover, Bare Ground, Dead Vegetation and Open Water			106	100	100	100	100	100	101.0	100	100	100	100	101	100	100	100	100	102	102			100.5

*Non-native species

**Table 15. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Machine Gun Flats
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Code	Scientific Name	Common Name	Transect 8						Average Cover (%)	Transect 9					Average Cover (%)	Combined Average Cover (%)
			1 %	2 %	3 %	4 %	5 %	6 %		1 %	2 %	3 %	4 %	5 %		
AICA	<i>Aira caryophylla</i> *	silvery hair-grass							0.0						0.0	0.83
ANAR	<i>Anagallis arvensis</i> *	scarlet pimpernel	2						0.3						0.0	0.05
BRMI	<i>Briza minor</i> *	small quaking grass							0.0						0.0	0.61
BRRG	<i>Bromus diandrus</i> *	rip gut							0.0						0.0	0.02
BRHO	<i>Bromus hordeaceus</i> *	soft chess							0.0						0.0	0.20
CEDA	<i>Centaureum davyi</i>	Davy's centaury							0.0						0.0	0.02
COMA	<i>Conium maculatum</i> *	poison hemlock							0.0	20					4.0	0.72
COCA	<i>Conyza canadensis</i>	horseweed							0.0						0.0	0.19
COBO	<i>Conyza bonariensis</i> *	South American conyza	8	5	15				4.7						0.0	1.12
COCO	<i>Cotula coronopifolia</i> *	brass buttons							0.0						0.0	0.06
COSP	<i>Conyza spp</i>	horseweed							0.0						0.0	1.27
DISP	<i>Distichlis spicata</i>	saltgrass		5	6		5	30	7.7			5	10	5	4.0	4.41
ELAC	<i>Eleocharis a. acicularis</i>	needle spike-rush			30	30	40		16.7						0.0	3.65
ELMA	<i>Eleocharis macrostachya</i>	pale spike-rush							0.0	10	15	20	30	15.0	11.80	
ELGL	<i>Elymus glaucus ssp. glaucus</i>	blue wildrye	25	20					7.5						0.0	1.11
ERGL	<i>Erechtites glomerata</i> *	cut-leaved fireweed							0.0						0.0	0.23
ERBO	<i>Erodium botrys</i> *	long-beaked filaree							0.0						0.0	0.20
ERCI	<i>Erodium cicutarium</i> *	red steamed filaree							0.0						0.0	0.83
ERAR	<i>Eryngium armatum</i>	coast eryngo							0.0						0.0	4.23
GAAP	<i>Galium aparine</i>	goose grass							0.0						0.0	0.09
GEDI	<i>Geranium dissectum</i> *	cut leaf geranium	2	3					0.8						0.0	0.22
GEST	<i>Gnaphalium stramineum</i>	cotton batting plant							0.0						0.0	0.25
GNLA	<i>Gnaphalium luteo-album</i> *	common cudweed							0.0						0.0	0.71
HECO	<i>Hemizonia corymbosa</i>	coast tarweed							0.0						0.0	0.40
HYGL	<i>Hypochaeris glabra</i>	smooth cat's ear							0.0						0.0	0.04
JUBA	<i>Juncus balticus</i>	wire rush/Baltic rush							0.0						0.0	0.19
JULE	<i>Juncus lesueurii</i>	salt rush			25	20	10	10	10.8						0.0	4.35
JUPA	<i>Juncus patens</i>	spreading rush	20	15					5.8						0.0	0.86
JUPH	<i>Juncus phaeocephalus</i>	brown-headed rush		5					0.8	25	5	15	15	12.0	6.31	
LETR	<i>Leymus triticoides</i>	beardless ryegrass							0.0						0.0	4.21
LOMU	<i>Lolium multiflorum</i> *	Italian ryegrass							0.0						0.0	0.14
LYHY	<i>Lythrum hyssopifolium</i> *	grass poly							0.0		5			5	2.0	0.22
MAGR	<i>Madia gracilis</i>	slender tarweed							0.0						0.0	0.09
MALE	<i>Malvella leprosa</i>	alkali mallow							0.0	2		5	15	4.4	1.86	
PHLE	<i>Phalaris lemmonii</i>	Lemmon's canary grass							0.0						0.0	0.78
PLCO	<i>Plantago coronopus</i> *	cut-leaved plantain		2					0.3						0.0	1.00
POMO	<i>Polypogon monspeliensis</i> *	rabbit foot grass		5	7	5	5	5	4.5						0.0	3.57
PONO	<i>Potamogeton nodosus</i>	long-leaved pondweed							0.0						0.0	0.33
QAAG	<i>Quercus agrifolia</i>	coast live oak		2					0.3						0.0	0.10
RUCO	<i>Rumex crispus</i> *	curly dock	2	1	5		5		2.2						0.0	0.37
SOAS	<i>Sonchus asper</i>	prickly sow thistle							0.0						0.0	0.83
SOOL	<i>Sonchus oleraceus</i> *	common sow-thistle	2	4					1.0						0.0	0.57
STAJ	<i>Stachys a. ajugoides</i>	bugle-hedge nettle			2				0.3						0.0	1.62
VUBR	<i>Vulpia bromoides</i>	six-weeks fescue							0.0						0.0	0.37
VUMY	<i>Vulpia m. myuros</i> *	rat-tail fescue							0.0						0.0	0.58
UNKN	Unknown Species	Unknown species							0.0						0.0	0.09
Total Vegetative Cover			61	67	90	55	65	45	63.8	45	22	35	50	55	41.4	61.72
BG	--	Bare Ground	0	0	0	5	10	5	3.3	50	15	5	10	10	18.0	5.87
DV	--	Dead Vegetation	40	35	10	40	25	50	33.3	5	65	60	40	35	41.0	33.00
OW	--	Open Water	0	0	0	0	0	0	0.0	0	0	0	0	0	0.0	0.33
Total: Vegetation Cover, Bare Ground, Dead Vegetation and Open Water			101	102	100	100	100	100	100.5	100	102	100	100	100	100.4	100.92

*Non-native species

**Table 16. Flora Observed During Wetland Monitoring
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Scientific Name	Common Name	Wetland Indicator Status
<i>Aira caryophylla</i> *	silvery hair-grass	NI
<i>Anagallis arvensis</i> *	scarlet pimpernel	FAC
<i>Aphanes occidentalis</i>	western lady's mantle	NI
<i>Avena barbata</i>	slender wild oat	NI
<i>Bloomeria crocea</i>	golden stars	NI
<i>Briza minor</i> *	small quaking grass	FACW
<i>Brodiaea terrestris</i>	ground brodiaea	NI
<i>Bromus diandrus</i> *	ripgut grass	NI
<i>Bromus hordeaceus</i> *	soft chess	FACU
<i>Centaurea melitenis</i> *	totalot	NI
<i>Centurium davyi</i>	Davy's centuary	FAC
<i>Conium maculatum</i> *	poison hemlock	FACW
<i>Conyza canadensis</i>	horseweed	FAC
<i>Conyza bonariensis</i> *	South American conyza	NI
<i>Cotula coronopifolia</i> *	brass buttons	FACW
<i>Danthonia californica</i>	California oatgrass	FACU
<i>Deschampsia danthonioides</i>	annual hair-grass	FACU
<i>Distichlis spicata</i>	saltgrass	FACW
<i>Eleocharis a. acicularis</i>	needle spike-rush	OBL
<i>Eleocharis macrostachya</i>	pale spike marsh	OBL
<i>Elecharis montividentis</i>	Dombey's spike rush	FACW
<i>Elymus g. glaucus</i>	blue wildrye	FACU
<i>Epilobium brachycarpum</i>	panicked willow-herb	UPL
<i>Erechtites glomerata</i> *	cut-leaved fireweed	NI
<i>Erodium botrys</i> *	broadleaf filaree	NI
<i>Erodium cicutarium</i>	red stemmed filaree	NI
<i>Eryngium armatum</i>	coast eryngo	FACW
<i>Filago gallica</i> *	narrow-leaved filago	NI
<i>Galium aparine</i>	goose grass	FACU
<i>Gastridium ventricosum</i>	nit-grass	FACU
<i>Geranium carolinianum</i>	Carolina geranium	NI
<i>Geranium dissectum</i>	cut-leafed geranium	NI
<i>Gnaphalium luteo-album</i> *	common cudweed	FACW
<i>Gnaphalium stramineum</i>	cotton battling plant	NI
<i>Heliotropium curassavicum</i>	Chinese pusley	OBL
<i>Hemizonia c. ssp. corymbosa</i>	coast tarweed	NI
<i>Hordeum b. brachyantherum</i>	meadow barley	FACW
<i>Hypochaeris glabra</i> *	smooth cats' ear	NI
<i>Juncus balticus</i>	wire rush/Baltic rush	FACW
<i>Juncas bufonius</i> var. <i>occidentalis</i>	round fruited toad rush	OBL
<i>Juncus lesueurii</i>	salt rush	FACW
<i>Juncus patens</i>	spreading rush	FAC
<i>Juncus phaeocephalus</i>	brown-headed rush	FACW
<i>Leymus triticoides</i>	beardless ryegrass	NI
<i>Lolium multiflorum</i> *	Italian ryegrass	NI
<i>Lythrum hyssopifolium</i> *	grass poly	FACW
<i>Madia gracillis</i>	slender tarweed	NI
<i>Malvella leprosa</i>	alkali mallow	FAC
<i>Phalaris lemmonii</i>	Lemmon's canary grass	FACU

**Table 16. Flora Observed During Wetland Monitoring
2001 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Scientific Name	Common Name	Wetland Indicator Status
<i>Plagiobothrys chorisianus hickmanii</i>	Hickman's popcornflower	OBL
<i>Plantago coronopus*</i>	cutleaved plantain	FAC
<i>Poa secunda</i>	Pacific bluegrass	NI
<i>Polypogon maritimus*</i>	maritime beard-grass	OBL
<i>Polypogon monspeliensis*</i>	rabbitfoot grass	FACW
<i>Potamogeton nodosus</i>	long-leaved pondweed	OBL
<i>Rumex acetosella*</i>	sheep sorrel	FAC
<i>Rumex crispus*</i>	curly dock	FACW
<i>Quercus a. agrifolia</i>	coast live oak	NI
<i>Sisyrinchium bellum</i>	blue-eyed grass	FAC
<i>Sonchus asper</i>	prickly sow-thistle	FAC
<i>Sonchus oleraceus*</i>	common sow-thistle	NI
<i>Stachys a. ajugoidies</i>	bugle hedge-nettle	OBL
<i>Vicia sativa</i>	spring vetch	FACU
<i>Vulpia bromoides</i>	six-week fescue	FACW
<i>Vulpia m. myuros*</i>	rat-tail fescue	FACU
<i>Vulpia o. var. octoflora</i>	slender vescue	

*Not Native to California

Wetland indicator definitions:

OBL-obligate >99% probability of occurrence in wetlands

FACW-facultative wetland >67% probability of occurrence in wetlands

FAC- facultative .33% to 67% probability of occurrence in wetlands

FACU-facultative upland 1% to 33% probability of occurrence in wetlands

UPL- upland <1% probability of occurrence in wetlands

NI- no indicator status assigned

**Table 17. Summary of California Linderiella Monitoring Results
2001 Annual Monitoring Report
Former Fort Ord, Monterey, California**

Waterbody	California Linderiella Abundance ¹				
	January	February	March	April	May
42	Low 3	--	--	--	NW
53	NS	Moderate 100	Moderate 12	NS	NW
MGF	NS	Very High 740	Low 3	--	--

MGF Machine Gun Flats

¹ A qualitative estimate of abundance is based on the total number of California linderiella observed from 10 to 20 random samples (depending on size and complexity of each waterbody) collected with a dipnet from throughout each pool.

Abundance is defined as follows:

"--" : None observed.

Low: 1 to 10 linderiella observed.

Moderate: 11 to 100 linderiella observed.

High: 101 to 300 linderiella observed.

Very high: more than 300 linderiella observed.

NS : Not surveyed.

NW: No water

**Table 18. Special Status Vertebrate Species Observed
2001 Annual Monitoring Report
Former Fort Ord, Monterey County California**

Special Status Vertebrate Species Observed ^a																				
Waterbody	January				February				March				April				May			
	CARLF	CATS	SWPT	TCBB	CARLF	CATS	SWPT	TCBB	CARLF	CATS	SWPT	TCBB	CARLF	CATS	SWPT	TCBB	CARLF	CATS	SWPT	TCBB
42	-- ^b	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	--	--
53	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	--	--	NS	NS	--	--
MGF	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MGF Machine Gun Flats
NS Not Surveyed

^a Special-status species surveyed include:
CATS : California tiger salamander.
CARLF : California red-legged frog.
SWPT : Southwestern pond turtle.
TCBB : Tricolored blackbird.

^b "--" : none observed during the survey activity.

**Table 19. Observed Vertebrate Fauna at Wetland Monitoring Sites
2001 Annual Monitoring Report
Former Fort Ord, Monterey, California**

Scientific Name	Common Name
Amphibians	
<i>Hyla regilla</i>	Pacific treefrog
<i>Rana catesbiana</i>	bullfrog
<i>Batrachoseps major</i>	slender salamander
Reptiles	
<i>Gerrhonotus multicarinatus</i>	Southern alligator lizard
<i>Masticophis lateralis</i>	California whipsnake
<i>Pituophis m. catenifer</i>	Pacific gopher snake
<i>Sceloporus occidentalis</i>	Western fence lizard
<i>Thamnophis</i> sp.	California red sided garter snake
<i>Thamnophis</i> sp.	Santa Cruz garter snake
Birds	
<i>Agelaius phoeniceus</i>	red-winged blackbird
<i>Anas platyrhynchos</i>	mallard
<i>Aphelocoma coerulescens</i>	scrub jay
<i>Branta canadensis</i>	Canada goose
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Callipepla californica</i>	California quail
<i>Calypte anna</i>	Anna's hummingbird
<i>Cathartes aura</i>	turkey vulture
<i>Charadrius vociferus</i>	killdeer
<i>Circus cyaneus</i>	Northern harrier
<i>Euphagus cyanocephalus</i>	Brewer's blackbird
<i>Hirundo rustica</i>	barn swallow
<i>Junco hyemalis</i>	dark-eyed junco
<i>Meleagris gallopavo</i>	wild turkey
<i>Mimus polyglottos</i>	Northern mockingbird
<i>Sayornis nigricans</i>	black phoebe
<i>Sturnella neglecta</i>	Western meadowlark
<i>Tachycineta bicolor</i>	tree swallow
<i>Troglodytes aedon</i>	house wren
<i>Turdus migratorius</i>	American robin
<i>Zenaida macroura</i>	mourning dove
<i>Geococcyx californianus</i>	road runner
<i>Tringa flavipes</i>	lesser yellowlegs

**Table 19. Observed Vertebrate Fauna at Wetland Monitoring Sites
2001 Annual Monitoring Report
Former Fort Ord, Monterey, California**

Scientific Name	Common Name
Mammals	
<i>Canis latrans</i>	coyote
<i>Canis lupus familiaris</i>	domestic dog
<i>Neotoma fuscipes luciana</i>	Monterey dusky-footed woodrat
<i>Odocoileus hemionus</i>	black-tailed deer
<i>Peromyscus californicus</i>	California mouse
<i>Spermophilus beecheyi</i>	California ground squirrel
<i>Sylvilagus bachmani</i>	brush rabbit

**Table 20. Summary of Physical Parameters of Wetland Monitoring Sites
2001 Annual Monitoring Report
Former Fort Ord, Monterey, California**

Pool	Maximum depth (inches)					Area (acres)					pH				
	Jan.	Feb.	Mar.	Apr.	May	Jan.	Feb.	Mar.	Apr.	May	Jan.	Feb.	Mar.	Apr.	May
42	16	NM	18	6	NW	0.34	NM	0.11	NM	NW	NM	NM	6.3	7.4	NW
53	NM	14	>18	>2	NM ¹	NM	1.61	1.47	0.36	0.24	NM	NM	6.3	6.81	NM ¹
MGF	NM	15	>18	12	>30	NM	6.4	6.85	6.01	0.093	NM	NM	6.7	7.5	7.86

NM Not Measured
 NW No Water
 MGF Machine Gun Flats

Footnote

1 - Unable to obtain meaningful measurement