

TABLES

**Table 1. Special Status Species Found at the Former Fort Ord
Multispecies Habitat Management Plan
2004 Annual Monitoring Report
Former Fort Ord, Monterey California**

Scientific Name	Common Name	Status	CNPS R-E-D Code	Habitat
Plants				
<i>Arctostaphylos h. hookeri</i>	Hooker's manzanita	--/--/1B	2-2-3	Sand Hill and Aromas Formations, maritime chaparral 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>Chorizanthe pungens</i> var. <i>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>Chorizanthe robusta</i> var. <i>robusta</i>	robust spineflower	FE/--/1B	3-3-3	Sandy soils in coastal dune and scrub habitat.
<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>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>Gilia tenuiflora</i> ssp. <i>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 four 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
Invertebrates				
<i>Euphilotes enoptes smithi</i>	Smith's blue butterfly	FE/--	NA	Coastal dunes supporting seacliff buckwheat (<i>Erigoynium parvifolium</i>) or coastal buckwheat (<i>Erigoynium latifolium</i>)
<i>Linderiella occidentalis</i>	California linderiella	--/--/--	NA	Low lying areas. Temporary water sources, vernal pools, and ponds
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

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Reptiles				
<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
<i>Emys [Clemmys] marmorata palida</i>	Southwestern pond turtle	FSC/CSC	NA	Associated with permanent or nearly permanent water in a wide variety of habitats. Requires partially submerged logs, rocks, mats of vegetation for basking.
Birds				
<i>Agelaius tricolor</i>	tricolored blackbird	FSC/CSC	NA	Requires open water and grasslands for foraging. Nests in dense vegetation (i.e. cattails and tules)
<i>Charadrius alexandrinus nivosus</i>	Western snowy plover	FT/CSC	NA	Shoreline habitat above high tide line

Footnotes

STATUS CODES

FEDERAL

- FE - Listed as endangered under the Federal Endangered Species Act
- FT - Listed as threatened under the Federal Endangered Species Act
- FC - Federal Candidate for listing by the Federal Government
- FSC - U.S. Fish and Wildlife Service designated "Species of Concern"

CNPS

- List 1B - Rare or Endangered in California and elsewhere
- List 4 - Plants with limited distributions

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

STATE

- SE - Listed as endangered under the California Endangered Species Act
- ST - Listed as threatened under the California Endangered Species Act
- CSC - California Species of Special Concern

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**Table 2. Habitat Monitoring Sites 1994-2004
2004 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Site Monitored	1998 Monitoring Activity	1999 Monitoring	2000 Monitoring	2001 Monitoring	2002 Monitoring	2003 Monitoring	2004 Monitoring Activity
Range 43-48	Baseline: Chap, HMPA						FU1:HMPA
UC/NRS-FONR		BL: HMPA	FU1: HMPA	FU2: HMPA	FU3: HMPA	FU4: HMPA	FU5: HMPA
Range 30A						BL: Chap, Herb,	
Waterbody 54							Baseline: Veg, CRLF, CL, CTS, SWPT, TCBB

* Monitoring Activities

BL	Baseline Survey
Chap	Chaparral Monitoring
FU#	Follow-up Monitoring (Year)
Herb	Herbaceous Species Surveys
HMPA	HMP Annual Species
Veg	Vegetative Surveys
	No monitoring occurred

Species Surveyed


CTS	California tiger salamander
CL	California linderiella
CRLF	California red-legged frog
SWPT	Southwestern pond turtle
TCBB	tri-colored blackbird

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**Table 3. Summary of Wetland Survey Dates
2004 Annual Monitoring Report
Former Fort Ord, Monterey, California**

Waterbody	Survey Type	Survey Dates				
		Jan 27	Mar 3	Mar 24	April	May
54	Baseline	X	X	X	NW	NW


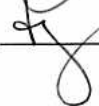
NW - No Water

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**Table 4. Summary of Wetland Monitoring Transects
2004 Annual Monitoring Report
Former Fort Ord, Monterey County, California**

Site	Transect Number	Transect Length (ft)	Number of Quadrats	Total Area Sampled (m ²)
Waterbody 54	1	52.51	6	1.50
	2	50.23	6	1.50

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**Table 5. Flora Observed During Wetland Monitoring
2004 Annual Monitoring Report
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Scientific Name	Common Name	Wetland Indicator Status
<i>Agoseris</i> spp.	agoseris	NI
<i>Briza minor</i> *	small quaking grass	FACW
<i>Bromus hordeaceus</i> *	soft chess	FACU
<i>Eryngium armatum</i>	coast eryngo	FACW
<i>Geranium carolinianum</i>	Carolina geranium	NI
<i>Lythrum hyssopifolia</i>	grass poly	FACW
<i>Malvella parviflora</i> *	cheeseweed	NI
<i>Satureja douglassii</i>	yerba buena	NI
<i>Silene gallica</i> *	campion	NI
<i>Trifolium</i> spp.	clover	NI
<i>Stachys a. ajugoides</i>	bugle hedge-nettle	OBL
<i>Vulpia m. myuros</i> *	rat-tail fescue	FACU

*Non-native species

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

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**Table 6. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Waterbody 54
2004 Annual Monitoring Report
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Code	Scientific Name	Common Name	Transect 1						Average Cover (%)
			1 % Cover	2 % Cover	3 % Cover	4 % Cover	5 % Cover	6 % Cover	
AGOSE	<i>Agoseris</i> spp.	Agoseris	20	30	10	20	5	10	15.8
BRMI2	<i>Briza minor</i> *	small quaking grass		40			30	15	14.2
BRHO2	<i>Bromus hordeaceus</i> *	soft chess	80	10					15.0
ERAR12	<i>Eryngium armatum</i>	coast eryngo					5		0.8
GECA5	<i>Geranium carolinianum</i> *	Carolina geranium						20	3.3
LYHY2	<i>Lythrum hyssopifolia</i> *	grass poly				10			1.7
MAPA5	<i>Malva parviflora</i> *	cheeseweed							0.0
SADO5	<i>Satureja douglasii</i>	yerba buena							0.0
SIGA	<i>Silene gallica</i> *	campion							0.0
STAJ	<i>Stachys ajugoides</i>	bugle-hedge nettle							0.0
TRIFO	<i>Trifolium</i> spp.	clover		20	5				4.2
VUMY	<i>Vulpia m. myuros</i> *	rat-tail fescue			85	70	60	30	40.8
	Total Vegetative Cover		100	100	100	100	100	75	95.8
	Bare Ground		0	0	0	0	0	25	4.2
	Total Cover		100	100	100	100	100	100	100.0

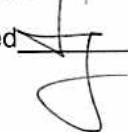
*Non-native species

**Table 6. Percent Vegetative Cover by Species in Seasonal Wetland Habitat - Waterbody 54
2004 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		
AGOSE	<i>Agoseris</i> spp.	Agoseris							0.0	7.92
BRMI2	<i>Briza minor</i> *	small quaking grass				10			1.7	7.92
BRHO2	<i>Bromus hordeaceus</i> *	soft chess							0.0	7.50
ERAR12	<i>Eryngium armatum</i>	coast eryngo							0.0	0.42
GECA5	<i>Geranium carolinianum</i> *	Carolina geranium							0.0	1.67
LYHY2	<i>Lythrum hyssopifolia</i> *	grass poly							0.0	0.83
MAPA5	<i>Malva parviflora</i> *	cheeseweed		10	5			5	4.2	2.08
SADO5	<i>Satureja douglasii</i>	yerba buena	85	10	5	20		5	20.8	10.42
SIGA	<i>Silene gallica</i> *	campion	5			10		5	3.3	1.67
STAJ	<i>Stachys ajugoides</i>	bugle-hedge nettle		80					13.3	6.67
TRIFO	<i>Trifolium</i> spp.	clover				5		5	1.7	2.92
VUMY	<i>Vulpia m. myuros</i> *	rat-tail fescue	5		90	55		90	54.2	47.50
	Total Vegetative Cover		95	100	100	100	100	100	99.2	97.5
	Bare Ground		5	0	0	0	0	0	0.8	2.5
	Total Cover		100	100	100	100	100	100	100.0	100.0

*Non-native species

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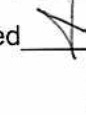
**Table 7. Special-Status Vertebrate Species Observed
2004 Annual Monitoring Report
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Waterbody	Special-Status Vertebrate Species Observed																			
	January				February				March				May							
	CRLF	CTS	SWPT	TCBB	CRLF	CTS	SWPT	TCBB	CRLF	CTS	SWPT	TCBB	CRLF	CTS	SWPT	TCBB				
54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NS	NS	NS	NS

NS Not Surveyed



Special-status species surveyed include:

- CTS California tiger salamander
- CRLF California red-legged frog
- SWPT Southwestern pond turtle
- TCBB Tricolored blackbird
- None observed

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**Table 8. Observed Vertebrate Fauna at Wetland Monitoring Sites
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Scientific Name	Common Name
Amphibians	
<i>Hyla regilla</i>	Pacific treefrog
<i>Thamnophis sirtalis infernalis</i>	California red-sided garter snake
Reptiles	
<i>Sceloporus occidentalis</i>	Western fence lizard
Birds	
<i>Agelaius phoeniceus</i>	red-winged blackbird
<i>Aphelocoma coerulescens</i>	scrub jay
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Callipepla californica</i>	California quail
<i>Hirundo rustica</i>	barn swallow
<i>Tachycineta bicolor</i>	tree swallow
Mammals	
<i>Odocoileus hemionus</i>	black-tailed deer
<i>Spermophilus beecheyi</i>	California ground squirrel
<i>Sylvilagus bachmani</i>	brush rabbit



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**Table 9. Summary of California Linderiella Monitoring Results
2004 Annual Monitoring Report
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Waterbody	California Linderiella Abundance ¹				
	January	February	March	April	May
54	--	--	--	NS	NS

Abundance is defined as follows:

- 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
- IM Immature only observed, not identifiable to species
- NS Not surveyed
- NR Survey not required
- None observed

Checked:  _____
 Approved:  _____

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 throughout the waterbody.

**Table 10. Summary of Physical Parameters of Wetland Monitoring Sites
2004 Annual Monitoring Report
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Waterbody	Maximum depth (inches)					Area (acres)					Turbidity (ntu)					pH				
	Jan.	Feb.	Mar.	Apr.	May	Jan.	Feb.	Mar.	Apr.	May	Jan.	Feb.	Mar.	Apr.	May	Jan.	Feb.	Mar.	Apr.	May
54	5	9	6	NW	NS	0.001	1.37	0.003	NW	NS	120	143.7	1,000	NW	NS	7.12	7.42	6.83	NW	NS

NM Not Measured
NS Not Surveyed
NW No Water

Checked  _____
Approved  _____