

Appendix C: Wildlife Survey Results

Table C-1 includes species for which there are verified observations. It is not intended to be a complete list of Site 300 species

Table C-1. Site 300 wildlife species list

Common Name	Scientific Name	Regulatory Status(a)	Source
Mammals			
Pallid bat	<i>Antrozous pallidus</i>	CASSC	Rainey 2003
Western red bat	<i>Lasiurus blossevillii</i>		Rainey 2003
Hoary bat	<i>Lasiurus cinereus</i>		Rainey 2003
California myotis	<i>Myotis californicus</i>		Rainey 2003
Western pipistrelle	<i>Pipistrellus hesperus</i>		Rainey 2003
Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>		Rainey 2003
Desert cottontail	<i>Sylvilagus audubonii</i>		LLNL 2002 Clark et al. 2002
Black-tailed jackrabbit	<i>Lepus californicus</i>		LLNL 2002 Clark et al. 2002
Heermann's kangaroo rat	<i>Dipodomys heermanni</i>		LLNL 2002 West 2002
California pocket mouse	<i>Chaetodipus californicus</i>		LLNL 2002 West 2002
San Joaquin pocket mouse	<i>Perognathus inornatus</i>	FSC	Clark et al. 2002
California ground squirrel	<i>Spermophilus beecheyi</i>		LLNL 2002
Valley pocket gopher	<i>Thomomys bottae</i>		LLNL 2002 West 2002
California vole	<i>Microtus californicus</i>		LLNL 2002 West 2002
House mouse	<i>Mus musculus</i>		LLNL 2002 West 2002
Dusky-footed woodrat	<i>Neotoma fuscipes</i>		LLNL 2002 West 2002
Brush mouse	<i>Peromyscus boylii</i>		LLNL 2002 West 2002
Deer mouse	<i>Peromyscus maniculatus</i>		LLNL 2002 West 2002
Western harvest mouse	<i>Reithrodontomys megalotis</i>		LLNL 2002 West 2002
Coyote	<i>Canis latrans</i>		LLNL 2002 Clark et al. 2002
Raccoon	<i>Procyon lotor</i>		LLNL 2002 Orloff 1986

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Table C-1. Site 300 wildlife species list (continued)

Common Name	Scientific Name	Regulatory Status ^(a)	Source
Long-tailed weasel	<i>Mustela frenata</i>		LLNL 2002 Orloff 1986
Striped skunk	<i>Mephitis mephitis</i>		LLNL 2002 Orloff 1986
Western spotted skunk	<i>Spilogale gracilis</i>		LLNL 2002 Orloff 1986
American badger	<i>Taxidea taxus</i>		LLNL 2002 Clark et al. 2002
Bobcat	<i>Lynx rufus</i>		LLNL 2002 Clark et al. 2002
Mountain Lion	<i>Felis concolor</i>		LLNL 2002
Mule deer	<i>Odocoileus hemionus</i>		LLNL 2002 Clark et al. 2002
Wild pig	<i>Sus scrofa</i>		LLNL 2002 Clark et al. 2002
Herpetofauna			
California red-legged frog	<i>Rana aurora draytonii</i>	FT	LLNL 2002
Pacific tree frog	<i>Hyla regilla</i>		LLNL 2002
California tiger salamander	<i>Ambystoma californiense</i>	FT, CASSC	LLNL 2002
Western spadefoot toad	<i>Spea hammondi</i>	FSC, CASSC	LLNL 2002
Western toad	<i>Bufo boreas</i>		LLNL 2002
Alameda whipsnake	<i>Masticophis lateralis euryxanthus</i>	FT, ST	Swaim 2002
San Joaquin coachwhip	<i>Masticophis flagellum</i>	FSC, CASSC	LLNL 2002
Coast horned lizard	<i>Phrynosoma coronatum</i>	FSC, CASSC	LLNL 2002
California legless lizard	<i>Anniella pulchra</i>	FSC	Swaim 2002
Side-blotched lizard	<i>Uta stansburiana</i>		LLNL 2002 Swaim 2002
Western whiptail	<i>Cnemidophorus tigris</i>		LLNL 2002 Swaim 2002
Western fence lizard	<i>Sceloporus occidentalis</i>		LLN 2002 Swaim 2002
Western skink	<i>Eumeces skiltonianus</i>		LLN 2002 Swaim 2002
Gilbert skink	<i>Eumeces gilberti</i>		LLN 2002 Swaim 2002
Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>		LLN 2002 Swaim 2002
Western yellow bellied racer	<i>Coluber constrictor</i>		LLN 2002 Swaim 2002
Pacific gopher snake	<i>Pituophis melanoleucus</i>		LLN 2002 Swaim 2002
Common kingsnake	<i>Lampropeltis getulus</i>		LLN 2002 Swaim 2002

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Table C-1. Site 300 wildlife species list (continued)

Common Name	Scientific Name	Regulatory Status ^(a)	Source
Western rattlesnake	<i>Crotalus viridis</i>		LLN 2002 Swaim 2002
Night snake	<i>Hypsiglena torquata</i>		LLN 2002 Swaim 2002
Glossy snake	<i>Arizona elegans</i>		LLN 2002 Swaim 2002
Long-nosed snake	<i>Rhinocheilus lecontei</i>		LLN 2002 Swaim 2002
California black-headed snake	<i>Tantilla planiceps</i>		Swaim 2002
Birds			
Cooper's Hawk	<i>Accipiter cooperii</i>	CASSC, MBTA	LLNL 2003b
Sharp-shinned Hawk	<i>Accipiter striatus</i>	CASSC, MBTA	LLNL 2003b
Golden Eagle	<i>Aquila chrysaetos</i>	CASSC, MBTA	LLNL 2003b
Red-tailed Hawk	<i>Buteo jamaicensis</i>	MBTA	LLNL 2003
Rough-legged Hawk	<i>Buteo lagopus</i>	MBTA	LLNL 2003b
Red-shouldered Hawk	<i>Buteo lineatus</i>	MBTA	LLNL 2003b
Ferruginous Hawk	<i>Buteo regalis</i>	FSC, CASSC, MBTA	LLNL 2003b
Swainson's Hawk	<i>Buteo swainsoni</i>	ST, MBTA	LLNL 2003b
Northern Harrier	<i>Circus cyaneus</i>	CASSC, MBTA	LLNL 2003b
White-tailed Kite	<i>Elanus leucurus</i>	CAFPS, MBTA	LLNL 2003b
Osprey	<i>Pandion haliaetus</i>	CASSC, MBTA	LLNL 2003b
Bushy-tit	<i>Psaltriparus minimus</i>	MBTA	LLNL 2003b
Horned Lark	<i>Eremophila alpestris</i>	CASSC, MBTA	LLNL 2003b
Northern Shoveler	<i>Anas clypeata</i>	MBTA	LLNL 2003b
Cinnamon Teal	<i>Anas cuampdera</i>	MBTA	LLNL 2003b
Mallard	<i>Anas platyrhynchos</i>	MBTA	LLNL 2003b
Bufflehead	<i>Bucephala albeola</i>	MBTA	LLNL 2003b
Common Goldeneye	<i>Bucephala clangula</i>	MBTA	LLNL 2003b
White-throated Swift	<i>Aeronautes saxatalis</i>	MBTA	LLNL 2003b
Great Egret	<i>Ardea alba</i>	MBTA	LLNL 2003b
Virginia Rail	<i>Rallus limicola</i>	MBTA	U.S. DOE and UC 1992
Cedar Waxwing	<i>Bombycilla garrulus</i>	MBTA	LLNL 2003b
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	MBTA	LLNL 2003b
Blue-grosbeak	<i>Guiraca caerulea</i>	MBTA	LLNL 2003b
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	MBTA	U.S. DOE and UC 1992
Lazuli Bunting	<i>Passerina amoena</i>	MBTA	LLNL 2003b
Turkey Vulture	<i>Cathartes aura</i>	MBTA	LLNL 2003b
Killdeer	<i>Charadrius vociferus</i>	MBTA	LLNL 2003b
Rock Dove	<i>Columba livia</i>		U.S. DOE and UC 1992
Mourning Dove	<i>Zenaida macroura</i>	MBTA	LLNL 2003b

Appendix C: Wildlife and Plant Survey Results

Table C-1. Site 300 wildlife species list (continued)

Common Name	Scientific Name	Regulatory Status ^(a)	Source
Western Scrub Jay	<i>Aphelocoma californica</i>	MBTA	LLNL 2003b
American Crow	<i>Corvus brachyrhynchos</i>	MBTA	LLNL 2003b
Common Raven	<i>Corvus corax</i>	MBTA	LLNL 2003b
Greater Roadrunner	<i>Geococcyx californianus</i>	MBTA	LLNL 2003b
Bell's Sage Sparrow	<i>Amphispiza belli</i>	FSC, MBTA	LLNL 2003b
Black-throated Sparrow	<i>Amphispiza bilineata</i>	MBTA	LLNL 2003b
Rufous Crowned Sparrow	<i>Aimophila ruficeps</i>	MBTA	LLNL 2003b
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	FSC, MBTA	LLNL 2003b
Lark Sparrow	<i>Chondestes grammacus</i>	MBTA	LLNL 2003b
California Towhee	<i>Carpodacus mexicanus</i>	MBTA	LLNL 2003b
Oregon Junco	<i>Junco hyemalis</i>	MBTA	LLNL 2003b
Lincoln's Sparrow	<i>Melospiza lincolni</i>	MBTA	LLNL 2003b
Song Sparrow	<i>Melospiza melodia</i>	MBTA	LLNL 2003b
Vesper Sparrow	<i>Poocetes gramineus</i>	MBTA	U.S. DOE and UC 1992
Fox Sparrow	<i>Passerella iliaca</i>	MBTA	LLNL 2003b
Savannah Sparrow	<i>Passerculus sandwichensis</i>	MBTA	LLNL 2003b
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	MBTA	LLNL 2003b
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	MBTA	LLNL 2003b
American Kestrel	<i>Falco columbarius</i>	MBTA	LLNL 2003b
Prairie Falcon	<i>Falca mexicanus</i>	CASSC, MBTA	LLNL 2003b
House Finch	<i>Carpodacus mexicanus</i>	MBTA	LLNL 2003b
Lesser Goldfinch	<i>Carduelis psaltia</i>	MBTA	LLNL 2003b
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	MBTA	LLNL 2003b
Northern Rough Winged Swallow	<i>Stelgidopteryx serripennis</i>	MBTA	LLNL 2003b
Tree Swallow	<i>Tachycineta bicolor</i>	MBTA	LLNL 2003b
Western Wood-pewee	<i>Contopus sordidulus</i>	MBTA	U.S. DOE and UC 1992
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	MBTA	LLNL 2003b
Tricolored Blackbird	<i>Agelaius tricolor</i>	FSC, CASSC, MBTA	LLNL 2003b
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	MBTA	LLNL 2003b
Bullock's Oriole	<i>Icterus bullockii</i>	MBTA	LLNL 2003b
Brown-headed Cowbird	<i>Molothrus ater</i>	MBTA	LLNL 2003b
Western Meadowlark	<i>Sturnella magna</i>	MBTA	LLNL 2003b
Loggerhead Shrike	<i>Lanius ludovicianus</i>	FSC, CASSC, MBTA	LLNL 2003b
Northern Mockingbird	<i>Mimus polyglottos</i>	MBTA	LLNL 2003b
California Thrasher	<i>Toxostoma redivivum</i>	FSC, MBTA	LLNL 2003b
California Quail	<i>Callipepla californica</i>		LLNL 2003b
Oak Titmouse	<i>Baeolophus inornatus</i>	FSC, MBTA	LLNL 2003b
Yellow-rumped Warbler	<i>Dendroica coronata</i>	MBTA	LLNL 2003b
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	MBTA	LLNL 2003b

Table C-1. Site 300 wildlife species list (continued)

Common Name	Scientific Name	Regulatory Status ^(a)	Source
Yellow Warbler	<i>Dendroica petechia</i>	CASSC, MBTA	LLNL 2003b
Common Yellowthroat	<i>Geothlypis trichas</i>	CASSC, MBTA	LLNL 2003b
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	MBTA	LLNL 2003b
Orange-crowned Warbler	<i>Vermivora bachmanii</i>	MBTA	LLNL 2003b
Wilson's Warbler	<i>Wilsonia pusilla</i>	MBTA	LLNL 2003b
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	CASSC, MBTA	LLNL 2003b
Wild Turkey	<i>Meleagris gallopavo</i>		LLNL 2003b
Northern Flicker	<i>Colaptes auratus</i>	MBTA	LLNL 2003b
Nuttall's Woodpecker	<i>Picoides nuttallii</i>	FSC, MBTA	LLNL 2003b
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	MBTA	U.S. DOE and UC 1992
Pied-billed Grebe	<i>Podilymbus podiceps</i>	MBTA	LLNL 2003b
Phainopepla	<i>Phainopepla nitens</i>	MBTA	LLNL 2003b
Ruby-crowned Kinglet	<i>Regulus calendula</i>	MBTA	LLNL 2003b
Common Snipe	<i>Gallinago gallinago</i>	MBTA	LLNL 2003b
Greater Yellowlegs	<i>Tringa melanoleuca</i>	MBTA	LLNL 2003b
Burrowing Owl	<i>Athene cunicularia</i>	FSC, CASSC, MBTA	LLNL 2003b
Short-eared Owl	<i>Asio flammeus</i>	FSC, CASSC, MBTA	LLNL 2003b
Great horned Owl	<i>Bubo virginianus</i>	MBTA	LLNL 2003b
Western Screech Owl	<i>Otus kennicottii</i>	MBTA	LLNL 2003b
European Starling	<i>Sturnus vulgaris</i>		LLNL 2003b
Western Tanager	<i>Piranga ludoviciana</i>	MBTA	LLNL 2003b
Anna's Hummingbird	<i>Calypte anna</i>	MBTA	LLNL 2003b
Costa's Hummingbird	<i>Calypte costae</i>	FSC, MBTA	LLNL 2003b
Rufous Hummingbird	<i>Selasphorus rufus</i>	FSC, MBTA	LLNL 2003b
Allen's Hummingbird	<i>Selasphorus sasin</i>	MBTA	U.S. DOE and UC 1992
Rock Wren	<i>Salpinctes obsoletus</i>	MBTA	LLNL 2003b
Bewick's Wren	<i>Thyothorus ludovicianus</i>	MBTA	LLNL 2003b
House Wren	<i>Troglodytes aedon</i>	MBTA	LLNL 2003b
Hermit Thrush	<i>Catharus guttatus</i>	MBTA	LLNL 2003b
Swainson's Thrush	<i>Catharus ustulatus</i>	MBTA	LLNL 2003b
Varied Thrush	<i>Ixoreus naevius</i>	MBTA	LLNL 2003b
Mountain Bluebird	<i>Sialia currucoides</i>	MBTA	LLNL 2003b
Western Buebird	<i>Sialia mexicana</i>	MBTA	LLNL 2003b
American Robin	<i>Turdus migratorius</i>	MBTA	LLNL 2003b
Pacific-slope Flycatcher	<i>Empidonax difficillis</i>	MBTA	LLNL 2003b
Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	MBTA	LLNL 2003b
Western Wood-pewee	<i>Contopus sordidulus</i>	MBTA	U.S. DOE and UC 1992
Black Phoebe	<i>Sayornis nigricans</i>	MBTA	LLNL 2003b
Say's Phoebe	<i>Sayornis saya</i>	MBTA	LLNL 2003b

Appendix C: Wildlife and Plant Survey Results

Table C-1. Site 300 wildlife species list (continued)

Common Name	Scientific Name	Regulatory Status ^(a)	Source
Western Kingbird	<i>Tyrannus verticalis</i>	MBTA	LLNL 2003b
Cassin's Kingbird	<i>Tyrannus vociferans</i>	MBTA	LLNL 2003b
Barn Owl	<i>Tyto alba</i>	MBTA	LLNL 2003b
Invertebrates			
Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	Arnold 2002
California fairy shrimp	<i>Linderiella occidentalis</i>	FSC	Weber 2002
California clam shrimp	<i>Cyzicus californicus</i>		Weber 2002

^a CAFPS = California Department of Fish and Game Fully Protected Species (CA Dept. of Fish and Game 2001)

CASSC = California Species of Special Concern (CA Dept. of Fish and Game 2001)

FE = Endangered under the Federal Endangered Species Act

FT = Threatened under the Federal Endangered Species Act

PT = Proposed as threatened under the Federal Endangered Species Act

MBTA = Migratory Bird Treaty Act

ST = Threatened under the State Endangered Species Act

FSC = Federal Species of Concern for Alameda and San Joaquin Counties. May be endangered or threatened. Not enough biological information has been gathered to support listing at this time (U.S. Fish and Wildlife Service 1-1-03-SP-0162).