

# Appendix B: Wildlife Survey Results

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

**Table B-1. Site 300 wildlife species list**

Common Name	Scientific Name	Regulatory Status <sup>(a)</sup>	Source
<b>Mammals</b>			
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

**Appendix B: Wildlife and Plant Survey Results**

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

Common Name	Scientific Name	Regulatory Status <sup>(a)</sup>	Source
Long-tailed weasel	<i>Mustela frenata</i>		LLNL 2002 Orloff
Striped skunk	<i>Mephitis mephitis</i>		LLNL 2002 Orloff
Western spotted skunk	<i>Spilogale gracilis</i>		LLNL 2002 Orloff
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

**Appendix B: Wildlife and Plant Survey Results**

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

Common Name	Scientific Name	Regulatory Status <sup>(a)</sup>	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
<b>Birds</b>			
Cooper's Hawk	<i>Accipiter cooperii</i>	CASSC, MBTA	LLNL 2003
Sharp-shinned Hawk	<i>Accipiter striatus</i>	CASSC, MBTA	LLNL 2003
Golden Eagle	<i>Aquila chrysaetos</i>	CASSC, MBTA	LLNL 2003
Red-tailed Hawk	<i>Buteo jamaicensis</i>	MBTA	LLNL 2003
Rough-legged Hawk	<i>Buteo lagopus</i>	MBTA	LLNL 2003
Red-shouldered Hawk	<i>Buteo lineatus</i>	MBTA	LLNL 2003
Ferruginous Hawk	<i>Buteo regalis</i>	FSC, CASSC, MBTA	LLNL 2003
Swainson's Hawk	<i>Buteo swainsoni</i>	ST, MBTA	LLNL 2003
Northern Harrier	<i>Circus cyaneus</i>	CASSC, MBTA	LLNL 2003
White-tailed Kite	<i>Elanus leucurus</i>	CAFPS, MBTA	LLNL 2003
Osprey	<i>Pandion haliaetus</i>	CASSC, MBTA	LLNL 2003
Bushtit	<i>Psaltriparus minimus</i>	MBTA	LLNL 2003
Horned Lark	<i>Eremophila alpestris</i>	CASSC, MBTA	LLNL 2003
Northern Shoveler	<i>Anas clypeata</i>	MBTA	LLNL 2003
Cinnamon Teal	<i>Anas cuampfera</i>	MBTA	LLNL 2003
Mallard	<i>Anas platyrhynchos</i>	MBTA	LLNL 2003
Bufflehead	<i>Bucephala albeola</i>	MBTA	LLNL 2003
Common Goldeneye	<i>Bucephala clangula</i>	MBTA	LLNL 2003
White-throated Swift	<i>Aeronautes saxatalis</i>	MBTA	LLNL 2003
Great Egret	<i>Ardea alba</i>	MBTA	LLNL 2003
Virginia Rail	<i>Rallus limicola</i>	MBTA	DOE 1992
Cedar Waxwing	<i>Bombycilla garrulus</i>	MBTA	LLNL 2003
Common Poorwill	<i>Phalaenoptilus nuttallii</i>	MBTA	LLNL 2003
Blue-grosbeak	<i>Guiraca caerulea</i>	MBTA	LLNL 2003
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	MBTA	DOE 1992
Lazuli Bunting	<i>Passerina amoena</i>	MBTA	LLNL 2003
Turkey Vulture	<i>Cathartes aura</i>	MBTA	LLNL 2003
Killdeer	<i>Charadrius vociferus</i>	MBTA	LLNL 2003
Rock Dove	<i>Columba livia</i>		DOE 1992
Mourning Dove	<i>Zenaida macroura</i>	MBTA	LLNL 2003

**Appendix B: Wildlife and Plant Survey Results**

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

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

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

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

## Appendix B: Wildlife and Plant Survey Results

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

Common Name	Scientific Name	Regulatory Status <sup>(a)</sup>	Source
Western Kingbird	<i>Tyrannus verticalis</i>	MBTA	LLNL 2003
Cassin's Kingbird	<i>Tyrannus vociferans</i>	MBTA	LLNL 2003
Barn Owl	<i>Tyto alba</i>	MBTA	LLNL 2003
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

<sup>a</sup> 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).