

APPENDIX B

Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Invertebrates	Valley Elderberry Longhorn Beetle	<i>Desmocerus californicus dimorphus</i>	FT	Arnold 2002
	California Linderiella	<i>Linderiella occidentalis</i>		Weber 2002
	California Clam Shrimp	<i>Cyzicus californicus</i>		Weber 2002
Amphibians	Arboreal Salamander	<i>Aneides lugubris</i>		Woollett 2005
	California Tiger Salamander	<i>Ambystoma californiense</i>	FT, ST	LLNL 2002
	California Slender Salamander	<i>Batrachoseps attenuatus</i>		Burkholder 2008
	California Newt	<i>Taricha torosa</i>		Woollett 2005
	California Red-legged Frog	<i>Rana draytonii</i>	FT, CDFW:SSC	LLNL 2002
	Sierran Treefrog	<i>Pseudacris sierra</i>		LLNL 2002
	Western Spadefoot	<i>Spea hammondi</i>	CDFW:SSC	LLNL 2002
	California Toad	<i>Anaxyrus boreas halophilus</i>		LLNL 2002
Reptiles	PWestern Pond Turtle	<i>Actinemys marmorata</i>	CDFW:SSC	Woollett 2005
	Alameda Whipsnake	<i>Masticophis lateralis euryxanthus</i>	FT, ST	Swaim 2002
	San Joaquin Coachwhip	<i>Masticophis flagellum ruddocki</i>	CDFW:SSC	LLNL 2002
	Blainville's (Coast) Horned Lizard	<i>Phrynosoma blainvillii</i>	CDFW:SSC	LLNL 2002
	California Legless Lizard	<i>Anniella pulchra</i>	CDFW:SSC	Swaim 2002
	Common Side-blotched Lizard	<i>Uta stansburiana</i>		LLNL 2002; Swaim 2002
	California Whiptail	<i>Aspidoscelis tigris munda</i>		LLNL 2002; Swaim 2002
	Northwestern Fence Lizard	<i>Sceloporus occidentalis occidentalis</i>		LLNL 2002; Swaim 2002
	Western Skink	<i>Plestiodon skiltonianus</i>		LLNL 2002; Swaim 2002
	Gilbert's Skink	<i>Plestiodon gilberti</i>		LLNL 2002; Swaim 2002
	Forest Alligator Lizard	<i>Elgaria multicarinata multicarinata</i>		LLNL 2002; Swaim 2002
	Western Yellow-Bellied Racer	<i>Coluber constrictor mormon</i>		LLNL 2002; Swaim 2002
	Pacific Gophersnake	<i>Pituophis catenifer catenifer</i>		LLNL 2002; Swaim 2002
	California Kingsnake	<i>Lampropeltis californiae</i>		LLNL 2002; Swaim 2002
	California Nightsnake	<i>Hypsiglena ochrorhyncha nuchalata</i>		LLNL 2002; Swaim 2002
California Glossy Snake	<i>Arizona elegans occidentalis</i>	CDFW:SSC	LLNL 2002; Swaim 2002	
Long-nosed Snake	<i>Rhinocheilus lecontei</i>		LLNL 2002; Swaim 2002	

B. Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Reptiles (cont.)	Western Black-headed Snake	<i>Tantilla planiceps</i>		Swaim 2002
	Pacific Ring-necked Snake	<i>Diadophis punctatus amabilis</i>		Woollett 2005
	California Striped Racer	<i>Coluber lateralis lateralis</i>		LLNL 2002; Swaim 2002
	Northern Pacific Rattlesnake	<i>Crotalus oreganus oreganus</i>		LLNL 2002; Swaim 2002
Birds	Pied-billed Grebe	<i>Podilymbus podiceps</i>	MBTA	LLNL 2003
	Double-crested Cormorant	<i>Phalacrocorax auritus</i>	MBTA, CDFW:WL	LLNL 2003
	Great Egret	<i>Ardea alba</i>	MBTA	LLNL 2003
	Bufflehead	<i>Bucephala albeola</i>	MBTA	LLNL 2003
	Common Goldeneye	<i>Bucephala clangula</i>	MBTA	LLNL 2003
	Mallard	<i>Anas platyrhynchos</i>	MBTA	LLNL 2003
	Northern Shoveler	<i>Anas clypeata</i>	MBTA	LLNL 2003
	Cinnamon Teal	<i>Anas cyanoptera</i>	MBTA	LLNL 2003
	American White Pelican	<i>Pelecanus erythrorhynchos</i>	MBTA	GANDA 2016
	Turkey Vulture	<i>Cathartes aura</i>	MBTA	LLNL 2003
	Golden Eagle	<i>Aquila chrysaetos</i>	BGEPA, MBTA, CDFW:FP, CDFW:WL, BCC	LLNL 2003
	Red-shouldered Hawk	<i>Buteo lineatus</i>	MBTA	LLNL 2003
	Rough-legged Hawk	<i>Buteo lagopus</i>	MBTA	LLNL 2003
	Ferruginous Hawk	<i>Buteo regalis</i>	MBTA, CDFW:WL, BCC	LLNL 2003
	Red-tailed Hawk	<i>Buteo jamaicensis</i>	MBTA	LLNL 2003
	Swainson's Hawk	<i>Buteo swainsoni</i>	MBTA, ST, BCC	LLNL 2003
	White-tailed Kite	<i>Elanus leucurus</i>	MBTA, CDFW:FP	LLNL 2003
	Osprey	<i>Pandion haliaetus</i>	MBTA, CDFW:WL	LLNL 2003
	Cooper's Hawk	<i>Accipiter cooperii</i>	MBTA, CDFW:WL	LLNL 2003
	Sharp-shinned Hawk	<i>Accipiter striatus</i>	MBTA, CDFW:WL	LLNL 2003
	Northern Harrier	<i>Circus cyaneus</i>	MBTA, CDFW:SSC	LLNL 2003
	Prairie Falcon	<i>Falco mexicanus</i>	MBTA, CDFW:WL, BCC	LLNL 2003
	Peregrine Falcon	<i>Falco peregrinus</i>	MBTA, CDFW:FP	GANDA 2016
	American Kestrel	<i>Falco sparverius</i>	MBTA	LLNL 2003
	Wild Turkey	<i>Meleagris gallopavo</i>		LLNL 2003

B. Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Birds (cont.)	California Quail	<i>Callipepla californica</i>		LLNL 2003
	Virginia Rail	<i>Rallus limicola</i>	MBTA	U.S. DOE and UC 1992
	Sora	<i>Porzana carolina</i>	MBTA	Woollett 2009
	Killdeer	<i>Charadrius vociferus</i>	MBTA	LLNL 2003
	American Avocet	<i>Recurvirostra americana</i>	MBTA	Scott 2002
	Greater Yellowlegs	<i>Tringa melanoleuca</i>	MBTA	LLNL 2003
	Wilson's Snipe	<i>Gallinago delicata</i>	MBTA	LLNL 2003
	Mourning Dove	<i>Zenaida macroura</i>	MBTA	LLNL 2003
	Eurasian Collared-dove	<i>Streptopelia decaocto</i>		Woollett 2017
	Rock Pigeon	<i>Columba livia</i>		U.S. DOE and UC 1992
	Greater Roadrunner	<i>Geococcyx californianus</i>	MBTA	LLNL 2003
	Barn Owl	<i>Tyto alba</i>	MBTA	LLNL 2003
	Long-billed curlew	<i>Numenius americanus</i>	MBTA, CDFW:SSC , BCC	Woollett 2014
	Short-eared Owl	<i>Asio flammeus</i>	MBTA, CDFW:SSC	LLNL 2003
	Long-eared Owl	<i>Asio otus</i>	MBTA, CDFW:SSC	LLNL 2003
	Great Horned Owl	<i>Bubo virginianus</i>	MBTA	LLNL 2003
	Burrowing Owl	<i>Athene cunicularia</i>	MBTA, CDFW:SSC, BCC	LLNL 2003
	Western Screech Owl	<i>Megascops kennicottii</i>	MBTA	LLNL 2003
	Common Poorwill	<i>Phalaenoptilus nuttallii</i>	MBTA	LLNL 2003
	White-throated Swift	<i>Aeronautes saxatalis</i>	MBTA	LLNL 2003
	Allen's Hummingbird	<i>Selasphorus sasin</i>	MBTA, BCC	U.S. DOE and UC 1992
	Rufous Hummingbird	<i>Selasphorus rufus</i>	MBTA, BCC	LLNL 2003
	Costa's Hummingbird	<i>Calypte costae</i>	MBTA, BCC	LLNL 2003
	Anna's Hummingbird	<i>Calypte anna</i>	MBTA	LLNL 2003
	Northern Flicker	<i>Colaptes auratus</i>	MBTA	LLNL 2003
	Nuttall's Woodpecker	<i>Picoides nuttallii</i>	MBTA, BCC	LLNL 2003
	Acorn Woodpecker	<i>Melanerpes formicivorus</i>	MBTA	U.S. DOE and UC 1992
	Lewis's Woodpecker	<i>Melanerpes lewis</i>	MBTA	LLNL 2018
	Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	MBTA	LLNL 2003
	Cassin's Kingbird	<i>Tyrannus vociferans</i>	MBTA	LLNL 2003
	Western Kingbird	<i>Tyrannus verticalis</i>	MBTA	LLNL 2003
	Western Wood-pewee	<i>Contopus sordidulus</i>	MBTA	U.S. DOE and UC 1992
Willow Flycatcher	<i>Empidonax traillii</i>	SE, MBTA, BCC,	van Hatten 2005	
Pacific-slope Flycatcher	<i>Empidonax difficilis</i>	MBTA	LLNL 2003	

B. Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Birds (cont.)	Black Phoebe	<i>Sayornis nigricans</i>	MBTA	LLNL 2003
	Say's Phoebe	<i>Sayornis saya</i>	MBTA	LLNL 2003
	Loggerhead Shrike	<i>Lanius ludovicianus</i>	MBTA, CDFW:SSC, BCC	LLNL 2003
	California (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
	Horned Lark	<i>Eremophila alpestris</i>	MBTA	LLNL 2003
	Tree Swallow	<i>Tachycineta bicolor</i>	MBTA	LLNL 2003
	Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	MBTA	LLNL 2003
	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	MBTA	LLNL 2003
	Oak Titmouse	<i>Baeolophus inornatus</i>	MBTA, BCC	LLNL 2003
	Bushtit	<i>Psaltriparus minimus</i>	MBTA	LLNL 2003
	House Wren	<i>Troglodytes aedon</i>	MBTA	LLNL 2003
	Rock Wren	<i>Salpinctes obsoletus</i>	MBTA	LLNL 2003
	Bewick's Wren	<i>Thryomanes bewickii</i>	MBTA	LLNL 2003
	Ruby-crowned Kinglet	<i>Regulus calendula</i>	MBTA	LLNL 2003
	Hermit Thrush	<i>Catharus guttatus</i>	MBTA	LLNL 2003
	Swainson's Thrush	<i>Catharus ustulatus</i>	MBTA	LLNL 2003
	Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	MBTA	LLNL 2019
	Western Buebird	<i>Sialia mexicana</i>	MBTA	LLNL 2003
	Mountain Bluebird	<i>Sialia currucoides</i>	MBTA	LLNL 2003
	American Robin	<i>Turdus migratorius</i>	MBTA	LLNL 2003
	Varied Thrush	<i>Ixoreus naevius</i>	MBTA	LLNL 2003
	California Thrasher	<i>Toxostoma redivivum</i>	MBTA	LLNL 2003
	Northern Mockingbird	<i>Mimus polyglottos</i>	MBTA	LLNL 2003
	European Starling	<i>Sturnus vulgaris</i>		LLNL 2003
	Cedar Waxwing	<i>Bombycilla cedrorum</i>	MBTA	LLNL 2003
	Phainopepla	<i>Phainopepla nitens</i>	MBTA	LLNL 2003
	MacGillivray's Warbler	<i>Geothlypis tolmiei</i>	MBTA	LLNL 2003
	Common Yellowthroat	<i>Geothlypis trichas</i>	MBTA	LLNL 2003
Wilson's Warbler	<i>Cardellina pusilla</i>	MBTA	LLNL 2003	
Orange-crowned Warbler	<i>Oreothlypis celata</i>	MBTA	LLNL 2003	

B. Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Birds (cont.)	Yellow Warbler	<i>Setophaga petechia</i>	MBTA, CDFW:SSC, BCC	LLNL 2003
	Yellow-rumped Warbler	<i>Setophaga coronata</i>	MBTA	LLNL 2003
	Black-throated Gray Warbler	<i>Setophaga nigrescens</i>	MBTA	LLNL 2003
	Western Tanager	<i>Piranga ludoviciana</i>	MBTA	LLNL 2003
	Song Sparrow	<i>Melospiza melodia</i>	MBTA	LLNL 2003
	Lincoln's Sparrow	<i>Melospiza lincolni</i>	MBTA	LLNL 2003
	Fox Sparrow	<i>Passerella iliaca</i>	MBTA	LLNL 2003
	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	MBTA	LLNL 2003
	Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	MBTA	LLNL 2003
	Dark-eyed Junco	<i>Junco hyemalis</i>	MBTA	LLNL 2003
	Black-throated Sparrow	<i>Amphispiza bilineata</i>	MBTA	LLNL 2003
	California Towhee	<i>Melospiza crissalis</i>	MBTA	LLNL 2003
	Vesper Sparrow	<i>Pooecetes gramineus</i>	MBTA	U.S. DOE and UC 1992
	Lark Sparrow	<i>Chondestes grammacus</i>	MBTA	LLNL 2003
	Bell's Sparrow	<i>Artemisiospiza belli</i>	MBTA	LLNL 2003
	Savannah Sparrow	<i>Passerculus sandwichensis</i>	MBTA	LLNL 2003
	Grasshopper Sparrow	<i>Ammodramus saviannarum</i>	MBTA, CDFW:SSC	LLNL 2003
	Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	MBTA	LLNL 2003
	Lazuli Bunting	<i>Passerina amoena</i>	MBTA	LLNL 2003
	Blue Grosbeak	<i>Passerina caerulea</i>	MBTA	LLNL 2003
	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	MBTA	U.S. DOE and UC 1992
	Bullock's Oriole	<i>Icterus bullockii</i>	MBTA	LLNL 2003
	Brown-headed Cowbird	<i>Molothrus ater</i>	MBTA	LLNL 2003
	Red-winged Blackbird	<i>Agelaius phoeniceus</i>	MBTA	LLNL 2003
	Tricolored Blackbird	<i>Agelaius tricolor</i>	BCC, MBTA, , ST	LLNL 2003
	Western Meadowlark	<i>Sturnella neglecta</i>	MBTA	LLNL 2003
	Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	MBTA	LLNL 2003
	Lesser Goldfinch	<i>Spinus psaltria</i>	MBTA	LLNL 2003
	House Finch	<i>Haemorhous mexicanus</i>	MBTA	LLNL 2003
	Merlin	<i>Falco columbarius</i>	MBTA	Woollett 2011
Mammals	Broad-footed Mole	<i>Scapanus latimanus</i>		Woollett 2011

B. Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Mammals (cont.)	Pallid Bat	<i>Antrozous pallidus</i>	CDFW:SSC, WBWGH	Rainey 2003
	Western Red Bat	<i>Lasiurus blossevillei</i>	CDFW:SSC, WBWGH	Rainey 2003
	Hoary Bat	<i>Lasiurus cinereus</i>		Rainey 2003
	California Myotis	<i>Myotis californicus</i>		Rainey 2003
	Yuma Myotis	<i>Myotis yumanensis</i>		Rainey 2003
	Canyon Bat	<i>Parastrellus hesperus</i>		Rainey 2003
	Brazilian Free-tailed Bat	<i>Tadarida brasiliensis</i>		Rainey 2003
	Audubon's (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
	California Ground Squirrel	<i>Ostospermophilus beecheyi</i>		LLNL 2002
	Botta's Pocket Gopher	<i>Thomomys bottae</i>		LLNL 2002; West 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>		Clark et al. 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
	Red Fox	<i>Vulpes vulpes</i>		Woollett 2005
	Gray Fox	<i>Urocyon cinereoargenteus</i>		Woollett 2005
	Coyote	<i>Canis latrans</i>		LLNL 2002; Clark et al. 2002
	Raccoon	<i>Procyon lotor</i>		LLNL 2002; Orloff 1986
	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>	CDFW:SSC	LLNL 2002; Clark et al. 2002

B. Wildlife Survey Results

Table B-1. Site 300 wildlife species list. Includes species for which there are verified observations; it is not intended to be a complete list of Site 300 species.

Taxa	Common Name	Scientific Name	Regulatory Status ^(a)	Source
Mammals (cont.)	Bobcat	<i>Lynx rufus</i>		LLNL 2002; Clark et al. 2002
	Mountain Lion	<i>Puma 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

- (a) BCC = U.S. Fish and Wildlife Service Birds of Conservation Concern (US Fish and Wildlife Service 2008)
 BGEPA = Bald and Golden Eagle Protection Act
 CDFW:FP = California Department of Fish and Wildlife Fully Protected Species (CA Fish and Game Code Section 3511)
 CDFW:SSC = California Species of Special Concern (CA Dept. of Fish and Wildlife, Special Animals List, April 2021)
 Candidate CESA = Candidate for listing under the California Endangered Species Act
 CDFW:WL = California Department of Fish and Wildlife – Watch List
 FT = Threatened under the Federal Endangered Species Act
 MBTA = Migratory Bird Treaty Act
 SE = Endangered under the State Endangered Species Act
 ST = Threatened under the State Endangered Species Act
 WBWGH = Western Bat Working Group High Priority

This page is intentionally left blank.