

Appendix E5-1

**General list of terrestrial wildlife species that may occur within the
Upper American River Project area**

Appendix Table E5-1. General list of terrestrial wildlife species that may occur within the Project area.			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Invertebrates			
Beetles			
	<i>Order Coleoptera</i>		
Valley elderberry longhorn beetle	<i>Desmocerus californicus dimorphus</i>	FT	Elderberry plants in or near riparian areas, generally below 3,000 ft
Reptiles			
Box and Water Turtles			
	<i>Emydidae</i>		
Western pond turtle	<i>Clemmys marmorata</i>	FSC, CSC, FSS, CP	Streams, ponds, lakes; travels overland; up to about 6,000 ft
Spiny and Horned Lizards			
	<i>Iguanidae</i>		
Coast horned lizard	<i>Phrynosoma coronatum</i>	FSC, CSC, CP	Chaparral, open habitat; mostly foothills but up to 6,000 ft.
Sagebrush lizard	<i>Sceloporus graciosus</i>		Rock outcrops, open forest
Western fence lizard	<i>Sceloporus occidentalis</i>		Rock outcrops, open forest
Skinks			
	<i>Scincidae</i>		
Gilbert's skink	<i>Eumeces gilberti</i>		Chaparral, oak savannah
Western skink	<i>Eumeces skiltonianus</i>		Chaparral, open woodland, rocks
Whiptails			
	<i>Teiidae</i>		
Western whiptail	<i>Cnemidophorus tigris</i>		Annual grassland, chaparral
Alligator Lizards			
	<i>Anguidae</i>		
Northern alligator lizard	<i>Gerrhonotus coeruleus</i>		Oak woodland, ponderosa pine forest
Southern alligator lizard	<i>Gerrhonotus multicarinatus</i>		Foothill chaparral, riparian, grassland
Boas			
	<i>Boidae</i>		
Rubber boa	<i>Charina bottae</i>		Streams & meadows in conifer forests
Colubrids			
	<i>Colubridae</i>		
California mountain kingsnake	<i>Lampropeltis zonata</i>		Montane riparian, mixed conifer forest
California whipsnake	<i>Masticophis lateralis</i>		Chaparral to about 6,000 ft
Common garter snake	<i>Thamnophis sirtalis</i>		Streams, rivers, ponds, lakes
Common kingsnake	<i>Lampropeltis getulus</i>		All forests and successional stages
Gopher snake	<i>Pituophis melanoleucus</i>		Grassland and open brushland
Long-nosed snake	<i>Rhinocheilus lecontei</i>		Dry grassland, chaparral
Night snake	<i>Hypsiglena torquata</i>		Foothill chaparral, woodland
Racer	<i>Coluber constrictor</i>		Grassland up to forested areas
Ringneck snake	<i>Diadophis punctatus</i>		Moist soil with northerly aspect
Sharp-tailed snake	<i>Contia tenuis</i>		Leaf litter and other surface debris

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Western aquatic garter snake	<i>Thamnophis couchi</i>		Streams, rivers, ponds, lakes
Western terrestrial garter snake	<i>Thamnophis elegans</i>		Streams, rivers, ponds, lakes
Vipers	Viperiidae		
Western rattlesnake	<i>Crotalus viridis</i>	HA	Rock outcrops, burrows, caves
Birds			
Loons	Gaviidae		
Pacific loon	<i>Gavia pacifica</i>		Rare in fall on large lakes/reservoirs
Common loon	<i>Gavia immer</i>	CSC, MNBMC	Rare in fall on large lakes/reservoirs
Grebes	Podicipedidae		
Pied-billed grebe	<i>Podilymbus podiceps</i>		Marshes, ponds, lakes, reservoirs
Horned grebe	<i>Podiceps auritus</i>		Ponds, lakes, reservoirs in fall/winter
Eared grebe	<i>Podiceps nigricollis</i>		Ponds, lakes, reservoirs in fall/winter
Clark's grebe	<i>Aechmophorus clarkii</i>		Lakes and reservoirs
Western grebe	<i>Aechmophorus occidentalis</i>		Lakes and reservoirs
Pelicans	Pelicanidae		
American white pelican	<i>Pelecanus erythrorhynchos</i>	CSC (nesting colony)	Lakes, reservoirs, large wetlands
Cormorants	Phalacrocoracidae		
Double-crested cormorant	<i>Phalacrocorax auritus</i>	CSC (rookery sites)	Rivers, lakes, marshes, reservoirs
Hérons and Egrets	Ardeidae		
Great egret	<i>Ardea alba</i>		Riparian, grasslands, wetlands
Green heron	<i>Butorides virescens</i>		Riparian, wetlands
Snowy egret	<i>Egretta thula</i>		Riparian, grasslands, wetlands
Great blue heron	<i>Ardea herodias</i>		Ponds, lakes, streams
Vultures	Cathartidae		
Turkey vulture	<i>Cathartes aura</i>		Open areas, cliffs, woodlands
Ducks, Geese, and Swans	Anatidae		
Greater white-fronted goose	<i>Anser albifrons</i>	HA	Wetland, grassland/crops in fall/winter
Snow goose	<i>Chen caerulescens</i>	HA	Wetland, grassland/crops in fall/winter
Ross's goose	<i>Chen rossii</i>	HA	Wetland, grassland/crops in fall/winter
Canada goose	<i>Branta canadensis</i>	HA	Ponds, lakes, grassland, cropland
Tundra swan	<i>Cygnus columbianus</i>		Marshes, lakes, ponds, cropland
Wood duck	<i>Aix sponsa</i>	HA	Ponds, streams, adjacent woodland

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Gadwall	<i>Anas strepera</i>	HA	Ponds, lakes
American wigeon	<i>Anas americana</i>	HA	Ponds, lakes, streams, cropland
Mallard	<i>Anas platyrhynchos</i>	HA	Ponds, lakes, streams, cropland
Blue-winged teal	<i>Anas discors</i>	HA	Ponds, lakes, streams
Cinnamon teal	<i>Anas cyanoptera</i>	HA	Ponds, lakes, streams
Northern shoveler	<i>Anas clypeata</i>	HA	Ponds, lakes, streams
Northern pintail	<i>Anas acuta</i>	HA	Ponds, lakes, marshes
Green-winged teal	<i>Anas crecca</i>	HA	Ponds, lakes, marshes
Canvasback	<i>Aythya valisineria</i>	HA	Ponds, lakes, reservoirs
Redhead	<i>Aythya americana</i>	HA	Ponds, lakes, reservoirs
Ring-necked duck	<i>Aythya collaris</i>	HA	Ponds, lakes, reservoirs, streams
Greater scaup	<i>Aythya marila</i>	HA	Ponds, lakes, reservoirs
Lesser scaup	<i>Aythya affinis</i>	HA	Ponds, lakes, reservoirs
Harlequin duck	<i>Histrionicus histrionicus</i>	FSC, CSC (nesting)	Swift streams/rivers above 4,000 ft
Bufflehead	<i>Bucephala albeola</i>	HA	Ponds, lakes, slow-moving streams
Common goldeneye	<i>Bucephala clangula</i>	HA	Deep ponds, lakes, rivers
Barrow's goldeneye	<i>Bucephala islandica</i>	CSC, HA (nesting)	Deep ponds, lakes, rivers
Hooded merganser	<i>Mergus cucullatus</i>	HA	Ponds, slow-moving streams
Common merganser	<i>Mergus merganser</i>	HA	Ponds, lakes, slow-moving streams
Ruddy duck	<i>Oxyura jamaicensis</i>	HA	Ponds, lakes, reservoirs
Ospreys, Kites, Hawks, Eagles	<i>Accipitridae</i>		
Osprey	<i>Pandion haliaetus</i>	CSC (nesting)	Lakes and rivers w/ adjacent large trees; all elevations
White-tailed kite	<i>Elanus leucurus</i>	FP, MNBMC (nesting)	Grassland/agric., riparian, oak savanna; mostly valley and foothills
Bald eagle	<i>Haliaeetus leucocephalus</i>	FTPD, CE, MIS, FP (nesting and wintering)	Lakes/reservoirs, rivers, large trees; Winters throughout Project; nests at Union Valley Reservoir
Northern harrier	<i>Circus cyaneus</i>	CSC (nesting)	Grassland, agriculture, oak savannah
Sharp-shinned hawk	<i>Accipiter striatus</i>	CSC (nesting)	Mixed montane hardwood/conifer
Cooper's hawk	<i>Accipiter cooperi</i>	CSC (nesting)	Riparian/oak woodlands, conifer forests
Northern goshawk	<i>Accipiter gentilis</i>	FSC, CSC, FSS, MIS (nesting)	Coniferous forest, large trees; mostly from 2,500-10,000 ft.
Red-shouldered hawk	<i>Buteo lineatus</i>		Riparian, oak woodlands below 2500 ft.
Swainson's hawk	<i>Buteo swainsoni</i>	CT (nesting)	Riparian, agriculture,

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
			grassland
Red-tailed hawk	<i>Buteo jamaicensis</i>		Oak woodland, savanna, forests
Ferruginous hawk	<i>Buteo regalis</i>	FSC, CSC, MNBMC (wintering)	Grasslands and agriculture in winter
Rough-legged hawk	<i>Buteo lagopus</i>		Grasslands and agriculture in winter
Golden eagle	<i>Aquila chrysaetos</i>	CSC, FP (nesting and wintering)	Savannah, grassland, cliffs, snags
Falcons	Falconidae		
American kestrel	<i>Falco sparverius</i>		Shrubland, grasslands, agric., forests
Merlin	<i>Falco columbarius</i>	CSC (wintering)	Open terrain in winter, near water; Mostly below 3,900 feet
American peregrine falcon	<i>Falco peregrinus anatum</i>	CE, FP, MNBMC, MIS, FSS (nesting)	Cliffs, often near water
Prairie falcon	<i>Falco mexicanus</i>	CSC (nesting)	Open terrain for hunting, cliffs
Pheasants, Grouse, Turkeys	Phasianidae		
Ring-necked pheasant	<i>Phasianus colchicus</i>	HA, Introduced	Agriculture, grasslands
Blue grouse	<i>Dendragapus obscurus</i>	HA	Forests with brushy understory
Wild turkey	<i>Meleagris gallopavo</i>	HA, Introduced	Oak woodlands, nearby water
Quail	Odontophoridae		
Mountain quail	<i>Oreortyx pictus</i>	HA, MIS	Forests, brushy understory, water
California quail	<i>Callipepla californica</i>	HA	Broken brushland, riparian scrub
Rails, Gallinules, Coots	Rallidae		
Virginia rail	<i>Rallus limicola</i>		Marshes
Sora	<i>Porzana carolina</i>		Marshes
Common moorhen	<i>Gallinula chloropus</i>	HA	Marshes
American coot	<i>Fulica americana</i>	HA	Marshes/ponds w/ adjacent grassland
Cranes	Gruidae		
Greater sandhill crane	<i>Grus canadensis tabida</i>	CT, FP, FSS	Marshland, grassland, cropland
Plovers	Charadriidae		
Black-bellied plover	<i>Pluvialis squatarola</i>		Mudflats, wet fields in winter
Semipalmated plover	<i>Charadrius semipalmatus</i>		Mudflats, wet fields in winter
Killdeer	<i>Charadrius vociferus</i>		Open areas near ponds, lakes, rivers
Mountain plover	<i>Charadrius montanus</i>	FPT, CSC, MNBMC	Grasslands in winter
Stilts	Recurvirostridae		
Black-necked stilt	<i>Himantopus mexicanus</i>		Marshes, ponds, mudflats

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
American avocet	<i>Recurvirostris americana</i>		Marshes, ponds, mudflats
Sandpipers and Phalaropes	<i>Scolopacidae</i>		
Greater yellowlegs	<i>Tringa melanoleuca</i>		Marshes, wet fields, mudflats
Lesser yellowlegs	<i>Tringa flavipes</i>		Marshes, wet fields, mudflats
Spotted sandpiper	<i>Actitis macularia</i>		Gravelly margins of ponds, streams
Long-billed curlew	<i>Numenius americanus</i>	CSC, MNBMC (nesting)	Marshes, wet fields, mudflats
Western sandpiper	<i>Calidris mauri</i>		Marshes, ponds, mudflats
Least sandpiper	<i>Calidris minutilla</i>		Marshes, ponds, mudflats
Baird's sandpiper	<i>Calidris bairdii</i>		Marshes, ponds, mudflats
Dunlin	<i>Calidris alpina</i>		Marshes, ponds, mudflats
Short-billed dowitcher	<i>Limnodromus griseus</i>		Marshes, ponds, mudflats
Long-billed dowitcher	<i>Limnodromus scolopaceus</i>		Marshes, ponds, mudflats
Common snipe	<i>Gallinago gallinago</i>	HA	Wet margins of ponds, lakes
Wilson's phalarope	<i>Phalaropus tricolor</i>		Marshes, ponds, lakes
Red-necked phalarope	<i>Phalaropus lobatus</i>		Marshes, ponds, lakes
Gulls and Terns	<i>Laridae</i>		
Bonaparte's gull	<i>Larus philadelphia</i>		Lakes, reservoirs
Ring-billed gull	<i>Larus delawarensis</i>		Lakes, rivers, grassland, agriculture
California gull	<i>Larus californicus</i>	CSC (nesting colony)	Lakes, rivers, grassland, agriculture
Herring gull	<i>Larus argentatus</i>		Lakes, rivers, grassland, agriculture
Thayer's gull	<i>Larus thayeri</i>		Lakes, rivers, grassland, agriculture
Glaucus-winged gull	<i>Larus glaucescens</i>		Lakes, rivers, grassland, agriculture
Caspian tern	<i>Sterna caspia</i>		Lakes, reservoirs, rivers
Common tern	<i>Sterna hirundo</i>		Lakes, reservoirs, rivers
Forster's tern	<i>Sterna forsteri</i>	FSV	Lakes, reservoirs, rivers
Black tern	<i>Chlidonias niger</i>	FSC, CSC, MNBMC (nesting colony)	Lakes, ponds, marshes
Pigeons and Doves	<i>Columbidae</i>		
Rock dove	<i>Columba livia</i>	Introduced	Urban/suburban areas
Band-tailed pigeon	<i>Columba fasciata</i>	HA, FSV	Forests, Oak woodland, water
Mourning dove	<i>Zenaida macroura</i>	HA	Woodland, grassland, agric., w/ water
Cuckoos	<i>Cuculidae</i>		
Western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	CE, MNBMC	Riparian forests
Greater roadrunner	<i>Geococcyx californianus</i>		Arid open areas, chaparral, fields

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Barn Owls		<i>Tytonidae</i>	
Barn owl	<i>Tyto alba</i>		Open grasslands, buildings, cliffs
All Other Owls		<i>Strigidae</i>	
Flammulated owl	<i>Otus flammeolus</i>		Mixed montane hardwood/conifer
Western screech owl	<i>Otus kennicottii</i>		Riparian/oak woodlands, conifer forests
Great horned owl	<i>Bubo virginianus</i>		Forests, meadows, woodlands
Northern pygmy-owl	<i>Glaucidium gnoma</i>		Mixed montane hardwood/conifer
Burrowing owl	<i>Athene cunicularia</i>	FSC, CSC, MNBMC (burrow sites)	Grassland, agriculture, w/ loose soil; generally below 5,300 ft in Sierra Nevada
California spotted owl	<i>Strix occidentalis occidentalis</i>	FSC, CSC, FSS, MIS	Older forests, nearby water; mostly from 3,000-7,000 ft
Great gray owl	<i>Strix nebulosa</i>	CE, FSS (nesting)	Large meadows adjacent to forest, large snags; mostly from 4,500-7,500 ft
Long-eared owl	<i>Asio otus</i>	CSC, FSV (nesting)	Riparian thickets
Short-eared owl	<i>Asio flammeus</i>	CSC, MNBMC (nesting)	Grassland, agriculture
Northern saw-whet owl	<i>Aegolius acadicus</i>		Mixed montane hardwood/conifer
Goatsuckers		<i>Caprimulgidae</i>	
Common nighthawk	<i>Chordeiles minor</i>		Open habitat, abundant insects
Common poorwill	<i>Phalaenoptilus nuttallii</i>		Shrubland, forest openings
Swifts		<i>Apodidae</i>	
Black swift	<i>Cypseloides niger</i>	CSC, MNBMC (nesting)	Cliffs
Vaux's swift	<i>Chaetura vauxi</i>	CSC, MNBMC (nesting)	Large hollow snags
White-throated swift	<i>Aeronautes saxatalis</i>		Cliffs
Hummingbirds		<i>Trochilidae</i>	
Black-chinned hummingbird	<i>Archilochus alexandri</i>		Woodlands, nectar source, water
Anna's hummingbird	<i>Calypte anna</i>		Nectar source, water
Calliope hummingbird	<i>Stellula calliope</i>		Nectar source, water
Rufous hummingbird	<i>Selasphorus rufus</i>	MNBMC (nesting)	Nectar source
Allen's hummingbird	<i>Selasphorus sasin</i>		Nectar source
Kingfishers		<i>Alcedinidae</i>	
Belted kingfisher	<i>Ceryle alcyon</i>		Streams, lakes, shoreline perches
Woodpeckers		<i>Picidae</i>	
Lewis's woodpecker	<i>Melanerpes lewis</i>		Oak woodland, snags
Acorn woodpecker	<i>Melanerpes formicivorus</i>		Oak woodland, savanna, snags

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Williamson's sapsucker	<i>Sphyrapicus thyroideus</i>		Forests, snags
Red-breasted sapsucker	<i>Sphyrapicus ruber</i>		Riparian woodland, forests, snags
Nuttall's woodpecker	<i>Picoides nuttallii</i>		Oak woodland, snags
Downy woodpecker	<i>Picoides pubescens</i>		Oak woodland, forests, snags
Hairy woodpecker	<i>Picoides villosus</i>		Woodland, forests, snags
White-headed woodpecker	<i>Picoides albolarvatus</i>		Semi-open mature forests
Black-backed woodpecker	<i>Picoides arcticus</i>		Mature forests, snags
Northern flicker	<i>Colaptes auratus</i>		Forests, snags
Pileated woodpecker	<i>Dryocopus pileatus</i>	MIS	Dense forests, snags
Tyrant Flycatchers	<i>Tyrannidae</i>		
Olive-sided flycatcher	<i>Contopus cooperi</i>	MNBMC, FSV (nesting)	Forest, woodland; generally below 9,000 ft
Western wood-pewee	<i>Contopus sordidulus</i>		Forest edges, meadows, near water
Little willow flycatcher	<i>Empidonax traillii brewsteri</i>	FSC, CE, FSS, MIS (nesting)	Meadows, riparian, willow thickets; most nesting from 4,000-8,000 ft.
Hammond's flycatcher	<i>Empidonax hammondii</i>		Mature forests
Dusky flycatcher	<i>Empidonax oberholseri</i>		Forest, woodland, brush understory
Pacific-slope flycatcher	<i>Empidonax difficilis</i>		Moist woodland near water
Black phoebe	<i>Sayornis nigricans</i>		Water source, cliffs, buildings
Say's phoebe	<i>Sayornis saya</i>		Arid, open areas
Ash-throated flycatcher	<i>Myiarchus cinerascens</i>		Woodland, riparian, tree cavities
Western kingbird	<i>Tyrannus verticalis</i>		Open areas, grasslands, agriculture
Shrikes	<i>Laniidae</i>		
Loggerhead shrike	<i>Lanius ludovicianus</i>	FSC, CSC	Open areas, grasslands, agriculture
Vireos	<i>Vireonidae</i>		
Cassin's vireo	<i>Vireo cassinii</i>		Forests, woodlands, shrub layer
Hutton's vireo	<i>Vireo huttoni</i>		Oak woodland, mixed conifer forest
Warbling vireo	<i>Vireo gilvus</i>		Riparian, oak woodland, shrubs
Jays, Magpies, Crows	<i>Corvidae</i>		
Steller's jay	<i>Cyanocitta stelleri</i>		Mature forest, intermediate canopy
Western scrub-jay	<i>Aphelocoma californica</i>		Oak woodland, riparian, shrubland
Clark's nutcracker	<i>Nucifraga columbiana</i>		Higher elevation conifer forests
Yellow-billed magpie	<i>Pica nuttalli</i>		Valley/foothill grassland & agriculture
American crow	<i>Corvus brachyrhynchos</i>	HA	All habitats with trees for roosts

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Common raven	<i>Corvus corax</i>		All habitats w/ cliffs or trees for roosts
Larks	<i>Alaudidae</i>		
California horned lark	<i>Eremophila alpestris actia</i>	CSC	Open areas, grasslands
Swallows	<i>Hirundinidae</i>		
Purple martin	<i>Progne subis</i>	CSC, FSV (nesting)	Snags in forest/woodland openings
Tree swallow	<i>Tachycineta bicolor</i>		Riparian, tree cavities, water source
Violet-green swallow	<i>Tachycineta thalassina</i>		Riparian, meadows, cavities
No. rough-winged swallow	<i>Stelgidopteryx serripennis</i>		Forest, woodlands, earthen banks
Bank swallow	<i>Riparia riparia</i>	CT, FSV (nesting)	Earthen banks along streams
Cliff swallow	<i>Petrochelidon pyrrhonota</i>		Cliffs, buildings, bridges, water
Barn swallow	<i>Hirundo rustica</i>		Cliffs, buildings, bridges, water
Chicadees and Titmice	<i>Paridae</i>		
Mountain chickadee	<i>Poecile gambeli</i>		Forests, nest cavities
Chestnut-backed chickadee	<i>Poecile rufescens</i>		Conifer forests, riparian, cavities
Oak titmouse	<i>Baeolophus inornatus</i>		Oak woodland, riparian, cavities
Bushtits	<i>Aegithalidae</i>		
Bushtit	<i>Psaltriparus minimus</i>		Open woodland, shrubs
Nuthatches	<i>Sittidae</i>		
Red-breasted nuthatch	<i>Sitta canadensis</i>		Coniferous forest, snags
White-breasted nuthatch	<i>Sitta carolinensis</i>		Oak woodland, snags
Pygmy nuthatch	<i>Sitta pygmaea</i>		Conifer forest
Creepers	<i>Certhiidae</i>		
Brown creeper	<i>Certhia americana</i>		Dense conifer forests, large trees
Wrens	<i>Troglodytidae</i>		
Rock wren	<i>Salpinctes obsoletus</i>		Rock outcrops, talus slopes
Canyon wren	<i>Catherpes mexicanus</i>		Shaded canyons, rock outcrops
Bewick's wren	<i>Thryomanes bewickii</i>		Oak woodland, riparian, cavities
House wren	<i>Troglodytes aedon</i>		Mixed woodlands, nest cavities
Winter wren	<i>Troglodytes troglodytes</i>		Conifer forest with damp understory
Marsh wren	<i>Cistothorus palustris</i>		Marshes
Dippers	<i>Cinclidae</i>		
American dipper	<i>Cinclus mexicanus</i>		Swift streams, rivers, rock walls
Kinglets	<i>Regulidae</i>		
Golden-crowned kinglet	<i>Regulus satrapa</i>		Dense forests

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Ruby-crowned kinglet	<i>Regulus calendula</i>		Open forests, riparian edges
Gnatcatchers	<i>Sylviidae</i>		
Blue-gray gnatcatcher	<i>Polioptila caerulea</i>		Woodlands
Thrushes, Solitaires, Bluebirds	<i>Turdidae</i>		
Western bluebird	<i>Sialia mexicana</i>		Open woodlands, nest cavities
Mountain bluebird	<i>Sialia currucoides</i>		Open forests, nest cavities
Townsend's solitaire	<i>Myadestes townsendi</i>		Open forests, berries
Swainson's thrush	<i>Catharus ustulatus</i>	FSV	Dense thickets near water
Hermit thrush	<i>Catharus guttatus</i>		Forests, intermediate - high canopy
American robin	<i>Turdus migratorius</i>		Forest/woodland openings, water
Varied thrush	<i>Ixoreus naevius</i>		Cool canyons, berries, water
Wrentits	<i>Timaliidae</i>		
Wrentit	<i>Chamaea fasciata</i>		Dense chaparral
Mockingbirds and Thrashers	<i>Mimidae</i>		
Northern mockingbird	<i>Mimus polyglottos</i>		Residential areas, edges
California thrasher	<i>Toxostoma redivivum</i>		Dense chaparral
Starlings	<i>Sturnidae</i>		
European starling	<i>Sturnus vulgaris</i>	HA, Introduced	Open woodlands, nest cavities
Pipits	<i>Motacillidae</i>		
American pipit	<i>Anthus rubescens</i>		Grasslands, wet fields
Waxwings	<i>Bombycillidae</i>		
Cedar waxwing	<i>Bombycilla cedrorum</i>		Woodlands, forests, berries
Silky Flycatchers	<i>Ptilonotidae</i>		
Phainopepla	<i>Phainopepla nitens</i>		Riparia, open oak woodland, mistletoe
Wood Warblers	<i>Parulidae</i>		
Orange-crowned warbler	<i>Vermivora celata</i>		Chaparral, woodland, riparian
Nashville warbler	<i>Vermivora ruficapilla</i>		Open forests, brush understory
Yellow warbler	<i>Dendroica petechia brewsteri</i>	CSC (nesting)	Riparian forest, brush understory
Yellow-rumped warbler	<i>Dendroica coronata</i>		Open forest, woodlands
Black-throated gray warbler	<i>Dendroica nigrescens</i>		Oak woodland, low elev. forests
Townsend's warbler	<i>Dendroica townsendi</i>		Riparian, low woodlands
Hermit warbler	<i>Dendroica occidentalis</i>		Forests, large trees
Macgillivray's warbler	<i>Oporornis tolmiei</i>		Dense riparian scrub
Common yellowthroat	<i>Geothlypis trichas</i>		Marshes, ponds, riparian
Wilson's warbler	<i>Wilsonia pusilla</i>		Riparian, wet meadows
Yellow-breasted chat	<i>Icteria virens</i>	CSC, MNBMC, FSV (nesting)	Dense riparian thickets; generally from about

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
			1,000-4,800 ft
Tanagers	<i>Thraupidae</i>		
Western tanager	<i>Piranga ludoviciana</i>		Mature forest, intermediate canopy
Towhees and Sparrows	<i>Emberizidae</i>		
Green-tailed towhee	<i>Pipilo chlorurus</i>		Open brushland
Spotted towhee	<i>Pipilo maculatus</i>		Dense riparian shrub, chaparral
California towhee	<i>Pipilo crissalis</i>		Dense shrubs, grass-forbs
Rufous-crowned sparrow	<i>Aimophila ruficeps</i>		Steep slopes, scattered brush
Chipping sparrow	<i>Spizella passerina</i>		Chaparral to lodgepole pine forests
Vesper sparrow	<i>Pooecetes gramineus</i>		Grassland, open fields
Lark sparrow	<i>Chondestes grammacus</i>		Grassland, open fields
Savannah sparrow	<i>Passerculus sandwichensis</i>		Grassland, open fields
Fox sparrow	<i>Passerella iliaca</i>		Dense brush with deep litter
Song sparrow	<i>Melospiza melodia</i>		Riparian thickets, brush
Lincoln's sparrow	<i>Melospiza lincolni</i>		Wet meadows, grass
White-throated sparrow	<i>Zonotrichia albicollis</i>		Brushy fields, woodland edges
Mt. white-crowned sparrow	<i>Zonotrichia leucophrys oriantha</i>	FSV	Forest edges, shrubs, near water
Golden-crowned sparrow	<i>Zonotrichia atricapilla</i>		Riparian thickets, open chaparral
Dark-eyed junco	<i>Junco hyemalis</i>		Forest/brushland edges
Grosbeaks and Buntings	<i>Cardinalidae</i>		
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>		Woodlands, open canopy, riparian
Lazuli bunting	<i>Passerina amoena</i>		Riparian shrub, woodland
Blackbirds and Orioles	<i>Icteridae</i>		
Red-winged blackbird	<i>Agelaius phoeniceus</i>		Marshes or shrubs near water
Tricolored blackbird	<i>Agelaius tricolor</i>	FSC, CSC, MNBMC (nesting colony)	Marshes
Western meadowlark	<i>Sturnella neglecta</i>		Open fields, grasslands, agriculture
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>		Marshes
Brewer's blackbird	<i>Euphagus cyanocephalus</i>		Open areas, grasslands, agriculture
Brown-headed cowbird	<i>Molothrus ater</i>	Invasive	Forest/woodland openings
Bullock's oriole	<i>Icterus bullockii</i>		Riparian deciduous
Finches, Crossbills, Siskins	<i>Fringillidae</i>		
Gray-crowned rosy finch	<i>Leucosticte tephrocotis</i>		Open areas at high elevation
Pine grosbeak	<i>Pinicola enucleator</i>		Conifer forests
Purple finch	<i>Carpodacus purpureus</i>		Mature mixed-conifer

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
			forest
Cassin's finch	<i>Carpodacus cassinii</i>		Open forest stands, edges
House finch	<i>Carpodacus mexicanus</i>		Open habitats, water, elev. perches
Red crossbill	<i>Loxia curvirostra</i>		Abundant cone crop
Pine siskin	<i>Carduelis pinus</i>		Conifer forests, edges
Lesser goldfinch	<i>Carduelis psaltria</i>		Drier brushlands, woodlands
Lawrence's goldfinch	<i>Carduelis lawrencei</i>	MNBMC (nesting)	Oaks, water
American goldfinch	<i>Carduelis tristis</i>		Grassland, shrublands
Evening grosbeak	<i>Coccothraustes coccothraustes</i>		Mixed conifer forests
Weaver Finches	Passeridae		
House sparrow	<i>Passer domesticus</i>	HA, Introduced	Urban/suburban areas
Mammals			
New World Opossums	Didelphidae		
Virginia opossum	<i>Didelphis virginiana</i>	HA, Introduced	Urban/suburban areas
Shrews	Soricidae		
Vagrant shrew	<i>Sorex vagrans</i>		Moist soil, rotted logs
Ornate shrew	<i>Sorex ornatus</i>		Moist soil, stumps, logs, litter
Dusky shrew	<i>Sorex monitcolus</i>		Moist soil, stumps, logs, litter, forests
Trowbridge's shrew	<i>Sorex trowbridgii</i>		Stumps, logs, litter
Water shrew	<i>Sorex palustris</i>		Clear, cold streams w/ logs, litter
Moles	Talpidae		
Broad-footed mole	<i>Scapanus latimanus</i>	HA	Moist, friable soil
Mouse-Eared Bats	Vespertilionidae		
Fringed myotis	<i>Myotis thysanodes</i>	FSC, WBWG, FSV	Caves or rock crevices, water; mostly from 4,000-7,000 ft
Little brown myotis	<i>Myotis lucifugus</i>		Snags, caves, permanent water
Yuma myotis	<i>Myotis yumaensis</i>	FSC, CSC	Caves, crevices, snags, water
California myotis	<i>Myotis californicus</i>		Crevices in trees, snags, rocks
Long-eared myotis	<i>Myotis evotis</i>	FSC, FSV	Caves, snags, trees
Long-legged myotis	<i>Myotis volans</i>	FSC, WBWG, FSV	Cliffs, forests, above 4,000 ft,
Western small-footed myotis	<i>Myotis ciliolabrum</i>	FSC, FSV	Open woodland/forest, caves; mostly below 8,900 ft
Hoary bat	<i>Lasiurus cinereus</i>	FSV	Trees with dense foliage, water
Western red bat	<i>Lasiurus blossevillii</i>	FSV, FSS	Open woodland/forests
Spotted bat	<i>Euderma maculatum</i>	FSC, CSC, WBWG, FSV	Caves, crevices, snags, water; records up to 9,600 ft

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Silver-haired bat	<i>Lasiorycteris noctivagans</i>	FSV	Hardwood forest with water; generally below 9,000 ft
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	FSC, CSC, FSS, WBWG	Caves, crevices, water; generally below 6,000 ft.
Pallid bat	<i>Antrozous pallidus</i>	CSC, FSS	Caves, crevices, buildings, water; mostly below 6,000 ft
Big brown bat	<i>Eptesicus fuscus</i>		Snags, trees, caves, crevices, water
Western pipistrelle	<i>Pipistrellus hesperus</i>		Crevices, water
Free-Tailed Bats	<i>Molossidae</i>		
Western mastiff bat	<i>Eumops perotis</i>	FSC, CSC, FSV, WBWG	Trees, old buildings; roosts up to 4,620 ft; foraging up to 8,910 ft
Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>		Crevices, hollow trees, water
Pikas	<i>Ochotonidae</i>		
Pika	<i>Ochotona princeps</i>		Talus slopes with nearby vegetation
Rabbits and Hares	<i>Leporidae</i>		
Brush rabbit	<i>Sylvilagus bachmani</i>	HA	Dense brush, riparian thickets
Desert cottontail	<i>Sylvilagus nuttallii</i>	HA	Open areas with escape cover
Sierra Nevada snowshoe hare	<i>Lepus americanus tahoensis</i>	FSC, CSC, FSS, HA	Riparian thickets, forest meadows; mostly from 4,000-8,000 ft
Black-tailed hare	<i>Lepus californicus</i>	HA	Scattered shrubs in open areas
Mountain Beavers	<i>Aplodontidae</i>		
Sierra Nevada mountain beaver	<i>Aplodontia rufa californica</i>	FSC, CSC	Thick vegetation near water
Chipmunks and Squirrels	<i>Sciuridae</i>		
Lodgepole chipmunk	<i>Tamias speciosus</i>	FSC	Trees, shrubs, logs, snags, rocks; generally from 6,000-10,350 ft
Yellow-bellied marmot	<i>Marmota flaviventris</i>		High elevation talus/rocky slopes
Yellow-pine chipmunk	<i>Tamias amoenus</i>		Open conifer forest, chaparral
Long-eared chipmunk	<i>Tamias quadrimaculatus</i>		Forest and brush thickets
Belding's ground squirrel	<i>Spermophilus beldingi</i>		Meadows, edges of fields
California ground squirrel	<i>Spermophilus beecheyi</i>		Forest openings, friable soil
Golden-mantled ground squirrel	<i>Spermophilus lateralis</i>		Open conifer forest, chaparral, rocks
Western gray squirrel	<i>Sciurus griseus</i>	HA	Mature trees and snags, cavities
Douglas' squirrel	<i>Tamiasciurus douglasii</i>	HA	Snags or trees with cavities
Northern flying squirrel	<i>Glaucomys sabrinus</i>		Snags or trees with cavities

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Pocket Gophers		Geomyidae	
Southwestern pocket gopher	<i>Thomomys bottae</i>		Deep, friable soils
Mountain pocket gopher	<i>Thomomys monticola</i>		Forest openings, friable soils
Pocket Mice & Kangaroo Mice		Heteromyidae	
California pocket mouse	<i>Chaetodipus californicus</i>		Chaparral, live-oaks
Heermann's kangaroo rat	<i>Dipodomys heermanni</i>		Dry open grasslands, sparse, chaparral
Beaver		Castoridae	
Beaver	<i>Castor canadensis</i>	HA, Introduced	Permanent water, adjacent woods
New World Mice and Rats		Cricetidae	
Brush mouse	<i>Peromyscus boylii</i>		Forests, shrubs, logs, litter, rocks
Deer mouse	<i>Peromyscus maniculatus</i>		All habitats
Pinyon mouse	<i>Peromyscus truei</i>		Brush thickets, small trees or rocks
Western harvest mouse	<i>Reithrodontomys megalotis</i>		Grasslands, open areas
Bushy-tailed woodrat	<i>Neotoma cinerea</i>		Talus slopes, rocky areas
Dusky-footed woodrat	<i>Neotoma fuscipes</i>		Forest, woodland, chaparral
Voles		Arvicolidae	
Montane vole	<i>Microtus montanus</i>		Mountain valleys
Heather vole	<i>Phenacomys intermedius</i>		High elevation grassy areas, forests
Long-tailed vole	<i>Microtus longicaudus</i>		Meadows, near water
California vole	<i>Microtus californicus</i>		Meadows, grasslands, friable soil
Muskrat	<i>Ondatra zibethicus</i>	HA, Introduced	Permanent water, will move overland
Old World Mice and Rats		Muridae	
House mouse	<i>Mus musculus</i>	Introduced	Urban/suburban areas, buildings
Norway (brown) rat	<i>Rattus norvegicus</i>	Introduced	Urban/suburban areas, buildings
Black rat	<i>Rattus rattus</i>	Introduced	Urban/suburban areas, buildings
Jumping Mice		Zapodidae	
Western jumping mouse	<i>Zapus princeps</i>		Riparian thickets, grasses
Porcupine		Erethizontidae	
Porcupine	<i>Erethizon dorsatum</i>		Conifer forest edges
Coyotes and Foxes		Canidae	
Coyote	<i>Canis latrans</i>	HA	Open habitats, free water, den sites
Sierra Nevada red fox	<i>Vulpes vulpes</i>	CT, FSC, FSS	Forest openings/meadows, dens; mostly above 7,000 ft.
Gray fox	<i>Urocyon cinereoargenteus</i>	HA	Dense shrubs, den sites

Appendix Table E5-1 (Continued)			
Common Name	Scientific Name	Status¹	Habitat, Distribution & Comments
Bears	<i>Ursidae</i>		
Black bear	<i>Ursus americanus</i>	HA, MIS	Forests, shrubs, caves, log piles
Ringtails and Raccoons	<i>Procyonidae</i>		
Ringtail	<i>Bassariscus astutus</i>	FP	Many habitats, often near water
Raccoon	<i>Procyon lotor</i>	HA	Hollow trees, snags, water
Weasels and Relatives	<i>Mustelidae</i>		
River otter	<i>Lutra canadensis</i>		Large streams, lakes, or rivers
California wolverine	<i>Gulo gulo luteus</i>	CT, FSC, FSS, FP	Minimal disturbance, den sites
American marten	<i>Martes americana</i>	FSS	Forests, snags, rock outcrops; mostly above 7,200 ft
Pacific fisher	<i>Martes pennanti</i>	FSC, CSC, FSS	Dense forests, snags, logs
Ermine (short-tailed weasel)	<i>Mustela erminea</i>	HA	Brushlands/woodlands near water
Long-tailed weasel	<i>Mustela frenata</i>	HA	Open forests, ground cover
American mink	<i>Mustela vison</i>	HA	Streams, lakes, riparian
Badger	<i>Taxidea taxus</i>	HA	Open grasslands, friable soils
Skunks	<i>Mephitidae</i>		
Western spotted skunk	<i>Spilogale gracilis</i>	HA	Sparse woodlands, logs, brush piles
Striped skunk	<i>Mephitis mephitis</i>	HA	Rock piles, logs, snags, burrows
Cats	<i>Felidae</i>		
Mountain lion	<i>Felis concolor</i>		Forest, woodland, chaparral, caves
Bobcat	<i>Felis rufus</i>	HA	Rocky areas, caves, logs
Feral cat	<i>Felis sylvestris</i>	Introduced	Urban/suburban areas
Wild Pigs	<i>Suidae</i>		
Wild pig	<i>Sus scrofa</i>	HA, Introduced	Woodlands, water, shrubs
Deer	<i>Cervidae</i>		
Mule deer	<i>Odocoileus hemionus</i>	HA, MIS	Forest, woodland, chaparral
Bovids	<i>Bovidae</i>		
Feral goat	<i>Capra hircus</i>	HA, Introduced	Chaparral, woodlands

- ¹Notes: CE = Endangered on the California ESA
 CP = Reptiles protected under CDFG sport fishing regulations
 CSC = California Species of Concern
 CT = Threatened on the California ESA
 FE = Endangered on the Federal ESA
 FP = Fully protected species under the California Fish and Game Code
 FSC = Federal Species of Special Concern
 FSS = United States Forest Service Sensitive Species
 FSV = Sierra Nevada Framework species of moderate-high vulnerability and species of concern
 FT = Threatened on Federal ESA

FTPD = Threatened on Federal ESA but proposed for de-listing
HA = Commercially or Recreationally Harvested Species
MIS = Management Indicator Species
MNBMC = Bird Species designated by the USFWS as a migratory bird of management concern
WBWG = Western Bat Working Group designation for high priority bat species