

APPENDIX D

Lassen Volcanic National Park Wildlife List

TABLE D-1
Lassen Volcanic National Park Wildlife List
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Scientific Name	Common Name
Amphibians (10 species)	
<i>Taricha granulosa</i>	Rough-skinned newt
<i>Taricha torosa</i>	California newt
<i>Ambystoma macrodactylum</i>	Long-toed salamander
<i>Ensatina eschscholtzii</i>	Ensatina
<i>Bufo boreas</i>	Western toad
<i>Pseudacris regilla</i>	Pacific chorus frog
<i>Rana aurora</i>	Red-legged frog
<i>Rana boylei</i>	Foothill yellow-legged frog
<i>Rana cascadae</i>	Cascades frog
<i>Rana catesbeiana</i>	Bullfrog
Birds (195 species)	
<i>Gavia immer</i>	Common loon
<i>Aechmophorus occidentalis</i>	Western grebe
<i>Podiceps nigricollis</i>	Eared grebe
<i>Podilymbus podiceps</i>	Pied-billed grebe
<i>Pelecanus erythrorhynchos</i>	American white pelican
<i>Phalacrocorax auritus</i>	Double-crested cormorant
<i>Ardea herodias</i>	Great blue heron
<i>Botaurus lentiginosus</i>	American bittern
<i>Butorides striatus</i>	Green-backed heron
<i>Casmerodius albus</i>	Great egret
<i>Egretta thula</i>	Snowy egret
<i>Nycticorax nycticorax</i>	Black-crowned night-heron
<i>Aix sponsa</i>	Wood duck
<i>Anas acuta</i>	Northern pintail
<i>Anas americana</i>	American wigeon

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Scientific Name	Common Name
<i>Anas clypeata</i>	Northern shoveler
<i>Anas crecca</i>	Green-winged teal
<i>Anas platyrhynchos</i>	Mallard
<i>Aythya affinis</i>	Lesser scaup
<i>Aythya collaris</i>	Ring-necked duck
<i>Aythya valisineria</i>	Canvasback
<i>Branta canadensis</i>	Canada goose
<i>Bucephala albeola</i>	Bufflehead
<i>Bucephala clangula</i>	Common goldeneye
<i>Bucephala islandica</i>	Barrow's goldeneye
<i>Chen caerulescens</i>	Snow goose
<i>Cygnus columbianus</i>	Tundra swan
<i>Histrionicus histrionicus</i>	Harlequin duck
<i>Mergus merganser</i>	Common merganser
<i>Mergus serrator</i>	Red-breasted merganser
<i>Oxyura jamaicensis</i>	Ruddy duck
<i>Cathartes aura</i>	Turkey vulture
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Accipiter gentilis</i>	Northern goshawk
<i>Accipiter striatus</i>	Sharp-shinned hawk
<i>Aquila chrysaetos</i>	Golden eagle
<i>Buteo jamaicensis</i>	Red-tailed hawk
<i>Buteo lagopus</i>	Rough-legged hawk
<i>Buteo regalis</i>	Ferruginous hawk
<i>Circus cyaneus</i>	Northern harrier
<i>Haliaeetus leucocephalus</i>	Bald eagle
<i>Pandion haliaetus</i>	Osprey
<i>Falco columbarius</i>	Merlin
<i>Falco mexicanus</i>	Prairie falcon
<i>Falco peregrinus</i>	Peregrine falcon
<i>Falco sparverius</i>	American kestrel
<i>Bonasa umbellus</i>	Ruffed grouse

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Scientific Name	Common Name
<i>Callipepla californica</i>	California quail
<i>Dendragapus obscurus</i>	Blue grouse
<i>Meleagris gallopavo</i>	Wild turkey
<i>Oreortyx pictus</i>	Mountain quail
<i>Fulica americana</i>	American coot
<i>Porzana carolina</i>	Sora
<i>Rallus limicola</i>	Virginia rail
<i>Grus canadensis</i>	Sandhill crane
<i>Charadrius semipalmatus</i>	Semipalmated plover
<i>Charadrius vociferus</i>	Killdeer
<i>Actitis macularia</i>	Spotted sandpiper
<i>Calidris mauri</i>	Western sandpiper
<i>Calidris minutilla</i>	Least sandpiper
<i>Catoptrophorus semipalmatus</i>	Willet
<i>Gallinago gallinago</i>	Common snipe
<i>Phalaropus lobatus</i>	Red-necked phalarope
<i>Phalaropus tricolor</i>	Wilson's phalarope
<i>Tringa melanoleuca</i>	Greater yellowlegs
<i>Larus californicus</i>	California gull
<i>Larus delawarensis</i>	Ring-billed gull
<i>Sterna caspia</i>	Caspian tern
<i>Xema sabini</i>	Sabine's gull
<i>Columba fasciata</i>	Band-tailed pigeon
<i>Columba livia</i>	Rock dove
<i>Zenaidura macroura</i>	Mourning dove
<i>Geococcyx californianus</i>	Greater roadrunner
<i>Tyto alba</i>	Barn owl
<i>Aegolius acadicus</i>	Northern saw-whet owl
<i>Asio flammeus</i>	Short-eared owl
<i>Asio otus</i>	Long-eared owl
<i>Bubo virginianus</i>	Great horned owl
<i>Glaucidium gnoma</i>	Northern pygmy-owl

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Scientific Name	Common Name
<i>Otus asio</i>	Eastern screech-owl
<i>Otus flammeolus</i>	Flammulated owl
<i>Strix nebulosa</i>	Great gray owl
<i>Strix occidentalis</i>	Spotted owl
<i>Chordeiles minor</i>	Common nighthawk
<i>Phalaenoptilus nuttallii</i>	Common poorwill
<i>Aeronautes saxatalis</i>	White-throated swift
<i>Chaetura vauxi</i>	Vaux's swift
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus rufus</i>	Rufous hummingbird
<i>Stellula calliope</i>	Calliope hummingbird
<i>Ceryle alcyon</i>	Belted kingfisher
<i>Colaptes auratus</i>	Northern flicker
<i>Dryocopus pileatus</i>	Pileated woodpecker
<i>Melanerpes formicivorus</i>	Acorn woodpecker
<i>Melanerpes lewis</i>	Lewis' woodpecker
<i>Picoides albolarvatus</i>	White-headed woodpecker
<i>Picoides arcticus</i>	Black-backed woodpecker
<i>Picoides pubescens</i>	Downy woodpecker
<i>Picoides villosus</i>	Hairy woodpecker
<i>Sphyrapicus ruber</i>	Red-breasted sapsucker
<i>Sphyrapicus thyroideus</i>	Williamson's sapsucker
<i>Sphyrapicus varius</i>	Yellow-bellied sapsucker
<i>Contopus borealis</i>	Olive-sided flycatcher
<i>Contopus sordidulus</i>	Western wood-pewee
<i>Empidonax difficilis</i>	Pacific-slope flycatcher
<i>Empidonax hammondi</i>	Hammond's flycatcher
<i>Empidonax oberholseri</i>	Dusky flycatcher
<i>Empidonax traillii</i>	Willow flycatcher
<i>Myiarchus cinerascens</i>	Ash-throated flycatcher
<i>Sayornis nigricans</i>	Black phoebe
<i>Tyrannidae</i>	Tyrannus verticalis

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<i>Western Kingbird</i>	
<i>Eremophila alpestris</i>	Horned lark
<i>Hirundo pyrrhonota</i>	Cliff swallow
<i>Hirundo rustica</i>	Barn swallow
<i>Progne subis</i>	Purple martin
<i>Southern Rough-winged Swallow</i>	
<i>Tachycineta bicolor</i>	Tree swallow
<i>Tachycineta thalassina</i>	Violet-green swallow
<i>Aphelocoma coerulescens</i>	Scrub jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	Common raven
<i>Cyanocitta stelleri</i>	Steller's jay
<i>Nucifraga columbiana</i>	Clark's nutcracker
<i>Perisoreus canadensis</i>	Gray jay
<i>Parus gambeli</i>	Mountain chickadee
<i>Parus inornatus</i>	Plain titmouse
<i>Psaltriparus minimus</i>	Bushtit
<i>Sitta canadensis</i>	Red-breasted nuthatch
<i>Sitta carolinensis</i>	White-breasted nuthatch
<i>Sitta pygmaea</i>	Pygmy nuthatch
<i>Certhia americana</i>	Brown creeper
<i>Catherpes mexicanus</i>	Canyon wren
<i>Salpinctes obsoletus</i>	Rock wren
<i>Thryomanes bewickii</i>	Bewick's wren
<i>Troglodytes aedon</i>	House wren
<i>Troglodytes troglodytes</i>	Winter wren
<i>Cinclus mexicanus</i>	American dipper
<i>Catharus guttatus</i>	Hermit thrush
<i>Catharus ustulatus</i>	Swainson's thrush
<i>Chamaea fasciata</i>	Wrentit
<i>Ixoreus naevius</i>	Varied thrush
<i>Myadestes townsendi</i>	Townsend's solitaire

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<i>Regulus calendula</i>	Ruby-crowned kinglet
<i>Regulus satrapa</i>	Golden-crowned kinglet
<i>Sialia currucoides</i>	Mountain bluebird
<i>Sialia mexicana</i>	Western bluebird
<i>Turdus migratorius</i>	American robin
<i>Anthus rubescens</i>	American pipit
<i>Bombycilla cedrorum</i>	Cedar waxwing
<i>Sturnus vulgaris</i>	European starling
<i>Vireo gilvus</i>	Warbling vireo
<i>Vireo huttoni</i>	Hutton's vireo
<i>Vireo solitarius</i>	Solitary vireo
<i>Agelaius phoeniceus</i>	Red-winged blackbird
<i>Chondestes grammacus</i>	Lark sparrow
<i>Dendroica coronata</i>	Yellow-rumped warbler
<i>Dendroica nigrescens</i>	Black-throated gray warbler
<i>Dendroica occidentalis</i>	Hermit warbler
<i>Dendroica petechia</i>	Yellow warbler
<i>Dendroica townsendi</i>	Townsend's warbler
<i>Euphagus cyanocephalus</i>	Brewer's blackbird
<i>Geothlypis trichas</i>	Common yellowthroat
<i>Icterus galbula</i>	Northern oriole
<i>Junco hyemalis</i>	Dark-eyed junco
<i>Melospiza lincolnii</i>	Lincoln's sparrow
<i>Melospiza melodia</i>	Song sparrow
<i>Molothrus ater</i>	Brown-headed cowbird
<i>Oporornis tolmiei</i>	Macgillivray's warbler
<i>Passerculus sandwichensis</i>	Savannah sparrow
<i>Passerella iliaca</i>	Fox sparrow
<i>Passerina amoena</i>	Lazuli bunting
<i>Pheucticus melanocephalus</i>	Black-headed grosbeak
<i>Pipilo chlorurus</i>	Green-tailed towhee
<i>Pipilo fuscus</i>	Canyon towhee

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<i>Piranga ludoviciana</i>	Western tanager
<i>Poocetes gramineus</i>	Vesper sparrow
<i>Spizella breweri</i>	Brewer's sparrow
<i>Spizella passerina</i>	Chipping sparrow
<i>Sturnella neglecta</i>	Western meadowlark
<i>Vermivora celata</i>	Orange-crowned warbler
<i>Vermivora ruficapilla</i>	Nashville warbler
<i>Wilsonia pusilla</i>	Wilson's warbler
<i>Xanthocephalus xanthocephalus</i>	Yellow-headed blackbird
<i>Zonotrichia atricapilla</i>	Golden-crowned sparrow
<i>Zonotrichia leucophrys</i>	White-crowned sparrow
<i>Carduelis lawrencei</i>	Lawrence's goldfinch
<i>Carduelis pinus</i>	Pine siskin
<i>Carduelis psaltria</i>	Lesser goldfinch
<i>Carduelis tristis</i>	American goldfinch
<i>Carpodacus cassinii</i>	Cassin's finch
<i>Carpodacus mexicanus</i>	House finch
<i>Carpodacus purpureus</i>	Purple finch
<i>Coccothraustes vespertinus</i>	Evening grosbeak
<i>Loxia curvirostra</i>	Red crossbill
<i>Pinicola enucleator</i>	Pine grosbeak
Fish (12 species)	
<i>Gila bicolor</i>	Tui chub
<i>Notemigonus crysoleucas</i>	Golden shiner
<i>Rhinichthys osculus</i>	Speckled dace
<i>Richardsonius egregius</i>	Lahontan redbreast
<i>Catostomus microps</i>	Modoc sucker
<i>Catostomus tahoensis</i>	Tahoe sucker
<i>Ameiurus nebulosus</i>	Brown bullhead
<i>Oncorhynchus kisutch</i>	Coho salmon
<i>Oncorhynchus mykiss</i>	Rainbow trout

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Scientific Name	Common Name
<i>Salmo trutta</i>	Brown trout
<i>Salvelinus fontinalis</i>	Brook trout
<i>Cottus bairdi</i>	Mottled sculpin
Mammals (66 species)	
<i>Didelphis virginiana</i>	Virginia opossum
<i>Sorex palustris</i>	Northern water shrew
<i>Sorex trowbridgii</i>	Trowbridge's shrew
<i>Sorex vagrans</i>	Vagrant shrew
<i>Neurotrichus gibbsii</i>	Shrew-mole
<i>Scapanus latimanus</i>	Broad-footed mole
<i>Eptesicus fuscus</i>	Big brown bat
<i>Lasionycteris noctivagans</i>	Silver-haired bat
<i>Lasiurus cinereus</i>	Hoary bat
<i>Myotis californicus</i>	California myotis
<i>Myotis evotis</i>	Long-eared myotis
<i>Myotis lucifugus</i>	Little brown bat
<i>Myotis yumanensis</i>	Yuma myotis
<i>Canis latrans</i>	Coyote
<i>Canis lupus</i>	Gray wolf
Extinct	
<i>Urocyon cinereoargenteus</i>	Gray fox
<i>Vulpes vulpes</i>	Red fox
<i>Ursus americanus</i>	Black bear
<i>Bassariscus astutus</i>	Ringtail
<i>Procyon lotor</i>	Raccoon
<i>Lutra canadensis</i>	River otter
<i>Martes americana</i>	Marten
<i>Mephitis mephitis</i>	Striped skunk
<i>Mustela erminea</i>	Ermine
<i>Mustela frenata</i>	Long-tailed weasel
<i>Mustela vison</i>	Mink

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Scientific Name	Common Name
<i>Spilogale putorius</i>	Spotted skunk
<i>Taxidea taxus</i>	Badger
<i>Felis concolor</i>	Mountain lion
<i>Lynx rufus</i>	Bobcat
<i>Cervus elaphus</i>	Elk (Wapiti or red deer)
<i>Odocoileus hemionus</i>	Mule deer
<i>Antilocapra americana</i>	Pronghorn
<i>Bos taurus</i>	Domestic cattle
<i>Aplodontia rufa</i>	Mountain beaver
<i>Glaucomys sabrinus</i>	Northern flying squirrel
<i>Marmota flaviventris</i>	Yellow-bellied marmot
<i>Sciurus griseus</i>	Western gray squirrel
<i>Spermophilus beecheyi</i>	California ground squirrel
<i>Spermophilus beldingi</i>	Belding's ground squirrel
<i>Spermophilus lateralis</i>	Golden-mantled ground squirrel
<i>Tamias amoenus</i>	Yellow-pine chipmunk
<i>Tamias merriami</i>	Merriam's chipmunk
<i>Tamias minimus</i>	Least chipmunk
<i>Tamias quadrimaculatus</i>	Long-eared chipmunk
<i>Tamias speciosus</i>	Lodgepole chipmunk
<i>Tamias townsendii</i>	Townsend's chipmunk
<i>Tamiasciurus douglasii</i>	Douglas' squirrel
<i>Thomomys monticola</i>	Mountain pocket gopher
<i>Dipodomys heermanni</i>	Heermann's kangaroo rat
<i>Perognathus californicus</i>	California pocket mouse
<i>Castor canadensis</i>	Beaver
<i>Clethrionomys californicus</i>	Western red-backed vole
<i>Clethrionomys gapperi</i>	Southern red-backed vole
<i>Microtus longicaudus</i>	Long-tailed vole
<i>Microtus montanus</i>	Montane vole
<i>Neotoma cinerea</i>	Bushy-tailed woodrat
<i>Ondatra zibethicus</i>	Muskrat

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Scientific Name	Common Name
<i>Peromyscus maniculatus</i>	Deer mouse
<i>Phenacomys intermedius</i>	Heather vole
<i>Zapus princeps</i>	Western jumping mouse
<i>Erethizon dorsatum</i>	Porcupine
<i>Ochotona princeps</i>	Pika
<i>Lepus americanus</i>	Snowshoe hare
<i>Lepus californicus</i>	Black-tailed jack rabbit
<i>Sylvilagus nuttallii</i>	Nuttall's cottontail
Reptiles (18 species)	
<i>Clemmys marmorata</i>	Western pond turtle
<i>Sceloporus graciosus</i>	Sagebrush lizard
<i>Sceloporus occidentalis</i>	Western fence lizard
<i>Cnemidophorus tigris</i>	Western whiptail
<i>Eumeces skiltonianus</i>	Western skink
<i>Elgaria coerulea</i>	Northern alligator lizard
<i>Elgaria multicarinata</i>	Southern alligator lizard
<i>Charina bottae</i>	Rubber boa
<i>Coluber constrictor</i>	Racer
<i>Contia tenuis</i>	Sharp-tailed snake
<i>Diadophis punctatus</i>	Ring-necked snake
<i>Lampropeltis getula</i>	Common kingsnake
<i>Lampropeltis zonata</i>	California mountain kingsnake
<i>Pituophis melanoleucus</i>	Pine snake
<i>Thamnophis couchii</i>	Couch's garter snake
<i>Thamnophis elegans</i>	Western terrestrial garter snake
<i>Thamnophis sirtalis</i>	Common garter snake
<i>Crotalus viridis</i>	Western rattlesnake

APPENDIX E

Special-status Animal Species Occurring or Potentially Occurring in the Lake Almanor Watershed

TABLE E-1
 Special-status Animal Species Occurring or Potentially Occurring in the Lake Almanor Watershed
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Common name/ Scientific name	Federal	State of California	US Forest Service	Habitat
Amphibians				
California red-legged frog <i>Rana aurora drayonii</i>	FT	CSC		Require aquatic habitat for breeding; but also use riparian and upland areas. Adults utilize dense, shrubby, emergent vegetation associated with pools with cattails and willows.
Cascades frog <i>Rana cascadae</i>	SC	CSC	FS-S	Eggs deposited in montane aquatic habitats with silty, sandy or gravelly substrates; associated with patchy aquatic vegetation cover
Foothills yellow-legged frog <i>Rana boylei</i>	-	CSC	FS-S	Rocky streams in a variety of habitats; bask on rocks surfaces near streams, seek refuge under submerged rocks or sediments.
Mountain yellow-legged frog <i>Rana muscosa</i>	-	CSC	FS-S	Montane lakes and ponds, riparian and other habitats; eggs laid in shallow water attached to gravel or rocks;
Northern Leopard Frog <i>Rana pipiens</i>	-	-	FS-S	Preferred summer habitat is vegetation 15 to 30 cm tall relatively close to water; breeding ponds located in an open area, with abundant emergent vegetation, with no fish
Birds				
American peregrine falcon <i>Falco peregrinus anatum</i>	FD	CE		Requires protected cliffs and ledges for cover; breeds near wetlands, lakes, rivers, or other water on high cliffs or banks or ledges at open sites; occasionally uses tree or snag cavities.

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Common name/ Scientific name	Federal	State of California	US Forest Service	Habitat
Bald eagle <i>Haliaeetus leucocephalus</i>	FPD	CE		Breeding in coastal areas, river, lakes, and reservoirs with conifer forested shorelines or cliffs; roost trees are open and accessible; winter in coastal estuaries and river systems.
Bank swallow <i>Riparia riparia</i>	-	CT		Forages over open riparian areas, brushland, grassland, wetlands, water, and cropland. Uses holes dug in cliffs and river banks for cover; roosts on logs, shoreline vegetation, and telephone wires.
Black swift <i>Cupseloides niger</i>	-	CSC		Nests and rests on steep, rocky, moist, cliffs near water; Nest must kept moist; forages over any terrain but avoids arid regions.
California spotted owl <i>Strix occidentalis occidentalis</i>	-	CSC	FS-S	Dense, old-growth, multi-layered mixed conifer, habitats, from sea level to approximately 7,600 ft.; during winter, roosts in oak habitats, daytime roosts close to water
Flammulated owl <i>Otus flammeolus</i>	SC	-		Mountain forests, preferring ponderosa pine intermixed with oaks or aspens and shrubby undergrowth; Nests in tree cavities excavated by woodpeckers.
Great grey owl <i>Strix nebulosa</i>			FS-S	Breed in mixed conifer and red fir forests; Nesting in islands of aspens within conifer stands; foraging in open areas of marshes, bogs, and forest clearings with trees and shrubs for perches.
Greater sandhill crane <i>Grus canadensis tabida</i>	-	CT	FS-S	Wet meadows interspersed with emergent marsh; nest in open habitat, or in dense cover of bulrush; Wintering in communal roost sites within open areas of shallow water.
Lawrence's goldfinch <i>Carduelis lawrencei</i>	SC	-		Nests in arid, open woodlands near chaparral, weed fields, and small bodies of water.
Lewis' woodpecker <i>Melanerpes lewis</i>	SC	-		Associated with open-canopy forests including ponderosa pine, riparian woodlands dominated by cottonwood, and burned pine forests. Nests in cavities of large dead or decaying trees.
Little willow flycatcher <i>Empidonax trailii brewsteri</i>	-	CE		Nests near edges of vegetation clumps and near perennial streams in meadows; uses riparian deciduous shrubs or trees, including willow or alder trees for singing, foraging perches.
Loggerhead shrike <i>Lanius ludovicianus</i>	-	CSC		Nests on stable branch in densely-foliaged shrub or tree in open habitats with scattered shrubs, trees, or other perches. Frequents open habitats

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Common name/ Scientific name	Federal	State of California	US Forest Service	Habitat
Long billed curlew <i>Numerius americanus</i>	-	CSC		with sparse shrubs and trees. Nests on the ground in the open, usually on dry prairie or native grasslands; also found in farm fields, grasslands, coastal marshes and mudflats during migration and wintering grounds.
Northern Goshawk <i>Accipiter gentilis</i>	-	CSC	FS-S	Mature and old-growth conifer and deciduous habitats for cover; nests near water, in dense stands, near openings; hunts wooded areas, with snags and dead trees
Osprey <i>Pandion haliaetus</i>	-	CSC		Uses large trees, snags, and dead-topped trees in open forest habitats near large bodies of water for cover and nesting; Requires open, clear waters for foraging
Prairie falcon <i>Falco mexicanus</i>	-	CSC		Grasslands to alpine meadows, but associated primarily with perennial grasslands, savannahs, rangeland, some agricultural fields, and desert scrub areas
Rufous hummingbird <i>Selasphorus rufus</i>	SC	-		Inhabits secondary and mature forests, montane meadows and disturbed areas; winters oak forests with pines and junipers, shrubby habitats, roadsides, and disturbed areas.
Swainson's Hawk <i>Buteo swainsoni</i>			FS-S	Grassland, shrubland, and agricultural areas with open areas for forage and with roost sites available; In breeding season requires nesting trees, usually bordering agricultural fields, wetland borders, or abandoned farms.
Tri-colored blackbird <i>Agelaius tricolor</i>	-	CSC		Breeds near fresh water, preferably in emergent wetland with tall, dense cattails or tules
Vaux's swift <i>Chaetura vauxi</i>	-	CSC		Nests in redwood, Douglas-fir, and occasionally other coniferous forests with nest-sites in large hollow trees and snags, especially tall, burned-out stumps
Western burrowing owl <i>Athene cunicularia hypugaea</i>	SC	CSC		Gesident of open, dry grassland and desert habitats, and in grass, forb and open shrub stages of pinyon-juniper and ponderosa pine habitats.
White headed woodpecker <i>Picoides albolarvatus</i>	SC	-		Found only in the montane coniferous forests with pine trees that have large cones and seeds for feeding and snags for nesting cavities
Willow flycatcher <i>Empidonax trailii</i>	-	CE	FS-S	See <i>little willow flycatcher</i> above

TABLE E-1

Special-status Animal Species Occurring or Potentially Occurring in the Lake Almanor Watershed
Lake Almanor Watershed Assessment Report

Common name/ Scientific name	Federal	State of California	US Forest Service	Habitat
Invertebrates				
Amphibious caddisfly <i>Desmona bethula</i>	SC	-		Found in first-order streams in open, wet-meadow areas; occasionally found in beaver ponds on second-order streams.
Conservancy fairyshrimp <i>Branchinecta conservatio</i>	FE	-	-	Inhabit rather large, cool-water vernal pools with moderately turbid water
Great Basin rams-horn snail <i>Helisoma newberri newberri</i>	-	-	FS-S	
Kings Creek ecclisomyian caddisfly <i>Ecclisomyia bilera</i>	SC	-	-	
Kings Creek parapsyche caddisfly <i>Parapsyche extensa</i>	SC	-	-	
Montane peaclam <i>Pisidium (Cyclocalyx) ultramontanum</i>	-	-	FS-S	
Scalloped Juga snail <i>Juga (Calibasis) acutifilosa</i>	-	-	FS-S	
Shasta crayfish <i>Pacifastacus fortis</i>	FE	CE	-	Live in cool, spring-fed headwater streams characterized by clean, volcanic cobbles and boulders overlying sand or gravel substrates,
Topaz Juga snail <i>Juga (Calibasis) occata</i>	-	-	FS-S	
Reptiles				
Northwestern pond turtle <i>Clemmys marmorata marmorata</i>	Sc	-	FS-S	Lives along streams, rivers, lakes and ponds where it eats invertebrates and small fish; Nests have been observed in many soil types from sandy to very hard.
Mammals				
American (pine) martin <i>Martes americana</i>	SC	-	FS-S	Habitat is the coniferous forests. They den in hollow trees, crevices, or vacant ground burrows.
American Badger <i>Taxidea taxus</i>		CSC		Herbaceous, shrub, and open stages of most habitats with dry, friable soils.

TABLE E-1

Special-status Animal Species Occurring or Potentially Occurring in the Lake Almanor Watershed
Lake Almanor Watershed Assessment Report

Common name/ Scientific name	Federal	State of California	US Forest Service	Habitat
California wolverine <i>Gulo gulo</i>	-	CT	FS-S	Mixed conifer, red fir, and lodgepole habitats, and probably subalpine conifer, alpine dwarf-shrub, wet meadow, and montane riparian habitats; use caves, hollows in cliffs, logs, rock outcrops and burrows for cover.
Fisher <i>Martes pennanti</i>	FC	-		Heavy stands of mixed species of mature timber, but they range widely in forested regions; frequently encountered in second-growth forests, and sometimes in forest openings
Fringed myotis bat <i>Myotis thysanodes</i>	SC	-		Roost in caves, mine tunnels, rock crevices, and old buildings in colonies; habitats ranges from mountainous pine, oak, and pinyon-juniper to desert scrub but may prefer grassland areas.
Long-eared myotis bat <i>Myotis evotis</i>	SC	-		Occurs in a wide variety of habitats to 9,000 feet elevation, but prefers coniferous woodlands and forests
Long-legged myotis bat <i>Myotis volans</i>	SC	-		Forest habitats, prefer open woods and mountainous terrain. Colonies form in summer in buildings, cliff crevices, and hollow trees. Do not use caves as day roosts, may use such sites at night.
Pacific fisher <i>Martes pennanti pacifica</i>	FC	-	FS-S	large-tree stages of coniferous forests and deciduous-riparian habitats with a high percent canopy closure; use cavities in trees, snags, logs, rock areas, or shelters provided by slash or brush piles
Pale Townsends' big-eared bat <i>Corynorhinus townsendii pallescens</i>	SC	CSC	FS-S	found in all but subalpine and alpine habitats; Requires caves, mines, tunnels, buildings, or other human-made structures for roosting
Pallid bat <i>Antrozous pallidus</i>			FS-S	In rocky, mountainous areas and near water; Found over open, sparsely vegetated grasslands, preferring to forage in the open
Pygmy rabbit <i>Brachylagus idahoensis</i>	-	CSC		found in sagebrush, bitterbrush, and pinyon-juniper habitats; Associated with tall, dense, large-shrub stages of big sagebrush, greasewood, and rabbitbrush
Sierra Nevada red fox <i>Vulpes vulpes necator</i>	-	CT	FS-S	Preferred habitat is red fir and lodgepole pine forests in the subalpine zone and alpine fell-fields; known to inhabit vegetation types similar to those used by the marten and wolverine
Sierra Nevada snowshoe hare <i>Lepus americanus tahoensis</i>	-	CSC		Found in boreal zones, inhabiting riparian communities with thickets of deciduous trees and shrubs; frequent dense thickets of young conifers and chaparral composed of Ceanothus and Arctostaphylos.

TABLE E-1

Special-status Animal Species Occurring or Potentially Occurring in the Lake Almanor Watershed
Lake Almanor Watershed Assessment Report

Common name/ Scientific name	Federal	State of California	US Forest Service	Habitat
Small-footed myotis bat <i>Myotis ciliolabrum</i>	SC	-		deserts, semideserts, and desert mountain; daytime roosts in crevices and cracks in canyon walls, caves, mine tunnels, loose tree bark, or abandoned houses; hibernate in caves or mine tunnels in summer range.
Spotted bat <i>Euderma maculatum</i>	SC	CSC		forage in various habitats, including Ponderosa Pine forests, with diurnal roosts, with cracks within rocky cliffs; may seasonably migrate from Ponderosa Pine/high elevation habitats to lower elevations in later summer.
Yuma myotis bat <i>Myotis yumanensis</i>	SC	-		Optimal habitats are open forests and woodlands with sources of water over which to feed; roosts in buildings, mines, caves, or crevices.
Western red bat <i>Lasiurus blossevillii</i>			FS-S	Prefer riparian areas dominated by cottonwoods, willows or oaks where they roost in tree foliage

APPENDIX F

U.S. Forest Service Sensitive Animal Species in the Lassen and Plumas National Forests

TABLE F-1

U.S. Forest Service Sensitive Animal Species in the Lassen and Plumas National Forests
Lake Almanor Watershed Assessment Report

Common Name	Scientific Name	Lassen National Forest	Plumas National Forest
Birds			
Northern goshawk	<i>Accipiter gentilis</i>	X	X
Swainson's hawk	<i>Buteo swainsoni</i>	X	X
Willow flycatcher	<i>Empidonax traillii</i>	X	X
Greater sandhill crane	<i>Grus canadensis tabida</i>	X	X
Great gray owl	<i>Strix nebulosa</i>	X	X
California spotted owl	<i>Strix occidentalis occidentalis</i>	X	X
Mammals			
Pallid bat	<i>Antrozous pallidus</i>	X	X
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	X	X
California wolverine	<i>Gulo gulo luteus</i>	X	X
Western red bat	<i>Lasiurus blossevillii</i>	X	X
American marten	<i>Martes americana</i>	X	X
Pacific fisher	<i>Martes pennanti pacifica</i>	X	X
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	X	X
Amphibians			
Foothill yellow-legged frog	<i>Rana boylei</i>	X	X
Mountain yellow-legged frog	<i>Rana muscosa</i>	X	X
Cascade frog	<i>Rana cascade</i>	X	
Northern leopard frog	<i>Rana pipiens</i>		X
Reptiles			
Northwestern pond turtle	<i>Clemmys marmorata marmorata</i>	X	X
Aquatic Invertebrates			
Great Basin rams-horn (snail)	<i>Helisoma newberryi newberryi</i>	X	
Scalloped Juga (snail)	<i>Juga (Calibasis) acutifilosa</i>	X	
Topaz Juga (snail)	<i>Juga (Calibasis) occata</i>	X	
Montane peaclam	<i>Pisidium (Cyclocalyx) ultramontanum</i>	X	
Inland and Anadromous Fishes			
Hardhead	<i>Mylopharodon conocephalus</i>		X
Eagle Lake rainbow trout	<i>Oncorhynchus mykiss aquilarum</i>	X	
Cent. Valley spring run chinook ESU	<i>Oncorhynchus tshawytscha</i>	X	
Central Valley fall run chinook ESU	<i>Oncorhynchus tshawytscha</i>	X	
Number of Sensitive Animals		24	18

APPENDIX G

Special-status Plant Species Occurring or Potentially Occurring in the Lake Almanor Watershed

TABLE G-1

Special Status Plant Species Occurring or Potentially Occurring in the Lake Almanor Watershed
Lake Almanor Watershed Assessment Report

Common Name/Scientific Name	Federal	State of California	U.S. Forest Service	California Native Plant Society
American scheuchzeria <i>Scheuchzeria palustris</i> var. <i>americana</i>	-	-	FS-S	2
Barron's buckwheat <i>Eriogonum spectabile</i>	-	-	-	1B
Bolander's bruchia <i>Bruchia bolanderi</i>	-	-	-	2
Butte County catchfly (=long-stiped campion) <i>Silene occidentalis</i> ssp. <i>longistipata</i>	SC	-	-	1B
Cascade alpine campion <i>Silene suksdorfii</i>	-	-	-	2
Constance's rock cress <i>Arabis constancei</i>	SC	-	FS-S	1B
Cream-flowered bladderwort <i>Utricularia ochroleuca</i>	-	-	-	2
English sundew <i>Drosera anglica</i>	-	-	-	2
Feather River stonecrop <i>Sedum albomarginatum</i>	SC	-	FS-S	1B
Flat-leaved bladderwort <i>Utricularia intermedia</i>	-	-	-	2
Golden draba <i>Drada aureola</i>	-	-	-	1B
Lassen Peak copper-moss Mielichhoferia tehamensis	-	-	-	1B
Lassen Peak smelowskia <i>Smelowskia ovalis</i> var. <i>congesta</i>	SC	-	-	1B
Little hulsea <i>Hulsea nana</i>	-	-	-	2
Marsh scullcap <i>Scutellaria galericulata</i>	-	-	-	2
Marsh willowhearb <i>Epilobium palustre</i>	-	-	-	2

TABLE G-1
 Special Status Plant Species Occurring or Potentially Occurring in the Lake Almanor Watershed
Lake Almanor Watershed Assessment Report

Common Name/Scientific Name	Federal	State of California	U.S. Forest Service	California Native Plant Society
Mingan moonwort <i>Botrychium minganense</i>	-	-	FS-S	2
Moss phlox <i>Phlox muscoides</i>	-	-	-	2
Northern daisy <i>Trimorpha acris</i> var. <i>pyrolifolium</i>	-	-	-	2
Pyrola-leaved buckwheat <i>Erigonum pyrolifolium</i> var. <i>pyrolifolium</i>	-	-	-	2
Quincy lupine <i>Lupinus dalesiae</i>	SC	-	FS-S	1B
Rayless mountain ragwort <i>Senecio indecorus</i>	-	-	-	2
Resin birch <i>Betula pumila</i> var. <i>glanduifera</i>	-	-	-	2
Scalloped moonwort <i>Botrychium crenulatum</i>	SC	-	FS-S	2
Shore sedge <i>Carex tenuis</i>	-	-	-	2
Slender Orcutt grass <i>Orcuttia tenuis</i>	FT	CSE	FS-S	1B
Slender sedge <i>Carex lasiocarpa</i>	-	-	-	2
Suksdorf's milk-vetch <i>Astragalus pulsiferae</i> var. <i>suksdorfii</i>	SC	-	FS-S	1B
Tall alpine-aster <i>Oreostemma elatum</i>	SLC	-	-	1B
Three-ranked hump-moss <i>Messia triquetra</i>	-	-	-	2
Upswept moonwort <i>Botrychium ascendens</i>	-	-	FS-S	2
Water bulrush <i>Scirpus subterminalis</i>	-	-	-	2
White beaked-rush <i>Rhynchospora alba</i>	-	-	-	2
White-stemmed pondweed <i>Potamogeton praelongus</i>	-	-	-	2
Wilkin's harebell <i>Campanula wilkinsiana</i>	SC	-	FS-S	1B

APPENDIX H

U.S. Forest Service Sensitive Plant Species for the Lassen and Plumas National Forests

TABLE H-1

U.S. Forest Service Sensitive Plant Species for the Lassen and Plumas National Forests
Lake Almanor Watershed Assessment Report

Scientific Name	Common Name	Lassen	Plumas
<i>Allium jepsonii</i>	Jepson's onion		X
<i>Arabis constancei</i>	Constance's rockcress	X	X
<i>Astragalus lentiformis</i>	Lens-pod milkvetch		X
<i>Astragalus pulsiferae</i> var. <i>pulsiferae</i>	Ames' milkvetch		X
<i>Astragalus pulsiferae</i> var. <i>suksdorfii</i>	Suksdorf's milkvetch	X	X
<i>Astragalus webberi</i>	Webber's milkvetch		X
<i>Botrychium ascendens</i>	Trianglelobe moonwort	X	
<i>Botrychium crenulatum</i>	Scalloped moonwort	X	
<i>Botrychium minganense</i>	Mingan moonwort	X	
<i>Botrychium montanum</i>	Mountain moonwort	X	
<i>Calystegia atriplicifolia</i> ssp. <i>buttensis</i>	Nightblooming false bindweed	X	X
<i>Calochortus longebarbatus</i> var. <i>longebarbatus</i>	Long-haired star tulip	X	
<i>Calycadenia oppositifolia</i>	Butte County western rosinweed		X
<i>Campanula wilkinsiana</i>	Wilkins' bellflower	X	
<i>Clarkia biloba</i> ssp. <i>Brandegeae</i>	Brandegee's fairyfan		X
<i>Clarkia gracilis</i> ssp. <i>Albicaulis</i>	White-stemmed clarkia	X	X
<i>Clarkia mosquinii</i> E. Small	Mosquin's fairyfan		X
<i>Clarkia stellata</i> Mosq.	Lake Almanor fairyfan	X	X
<i>Cypripedium fasciculatum</i> Wats.	Clustered lady's slipper	X	X
<i>Cypripedium montanum</i> Lindl.	Mountain lady's slipper	X	X
<i>Fritillaria eastwoodiae</i>	Butte County missionbells	X	X
<i>Iliamna bakeri</i>	Baker's globe mallow	X	
<i>Ivesia aperta</i> var. <i>canina</i>	Sierra Valley mousetail		X
<i>Ivesia aperta</i> var. <i>canina</i>	Sierra Valley mousetail		X
<i>Ivesia sericoleuca</i>	Plumas mousetail		X
<i>Ivesia webberi</i>	Webber's ivesia		X
<i>Juncus leiospermus</i> var. <i>leiospermus</i>	Dwarf rush	X	
<i>Lewisia cantelovii</i>	Cantelow's lewisia	X	X

TABLE H-1
 U.S. Forest Service Sensitive Plant Species for the Lassen and Plumas National Forests
Lake Almanor Watershed Assessment Report

Scientific Name	Common Name	Lassen	Plumas
<i>Limnanthes floccosa</i> ssp. <i>bellingermana</i>	Woolly meadowfoam	X	
<i>Lupinus dalesiae</i>	Quincy lupine	X	X
<i>Mimulus evanescens</i>		X	
<i>Monardella follettii</i>	Follett's mountainbalm		X
<i>Monardella stebbinsii</i>	Stebbins' monardella		X
<i>Oreostemma elatum</i>		X	X
<i>Orcuttia tenuis</i>	Slender orcutt grass	X	
<i>Penstemon personatus</i>	Close-throated beardtongue	X	X
<i>Phacelia inundata</i>	Playa phacelia	X	
<i>Pogogyne floribunda</i>	Profuse-flowered pogogyne	X	
<i>Ptilidium californicum</i>	Pacific fuzzwort	X	
<i>Pyrocoma lucida</i>	Sticky goldenweed		X
<i>Rorippa columbiae</i>	Columbia yellow cress	X	
<i>Rupertia hallii</i>	Hall's scurf-pea	X	X
<i>Scheuchzeria palustris</i> ssp. <i>americana</i>	American Scheuchzeria	X	X
<i>Sedum albomarginatum</i>	Feather River stonecrop	X	X
<i>Senecio eurycephalus</i> var. <i>lewisrosei</i>	Lewis' groundsel	X	X
<i>Senecio layneae</i>	Layne's ragwort		X
<i>Silene occidentalis</i> ssp. <i>longistipitata</i>	Western campion	X	X
<i>Tuctoria greenei</i>	Greene's tuctoria	X	
<i>Vaccinium coccineum</i>	Thinleaf huckleberry		X
Total Species by Forest		33	33