

APPENDIX F

WILDLIFE ACTION PLAN AQUATIC AND TERRESTRIAL SPECIES LISTS

Aquatic Species: Bivalves

Common Name	Scientific Name	SRank
California floater	<i>Anodonta californiensis</i>	S1

State Rank
(SRank) Key

Aquatic Species: Gastropods

Common Name	Scientific Name	SRank
Amargosa tryonia	<i>Tryonia variegata</i>	S2
Antelope Valley pyrg	<i>Pyrgulopsis pellita</i>	S1
Ash Meadows pebblesnail	<i>Pyrgulopsis erythropoma</i>	S1
bifid duct pyrg	<i>Pyrgulopsis peculiaris</i>	S1
Big Warm Spring pyrg	<i>Pyrgulopsis papillata</i>	S1
Blue Point pyrg	<i>Pyrgulopsis coloradensis</i>	S1
Butterfield pyrg	<i>Pyrgulopsis lata</i>	S1
Camp Valley pyrg	<i>Pyrgulopsis montana</i>	S1
Corn Creek pyrg	<i>Pyrgulopsis fausta</i>	S1
Crystal Spring pyrg	<i>Pyrgulopsis crystalis</i>	S1
Distal-gland pyrg	<i>Pyrgulopsis nanus</i>	S1
Dixie Valley pyrg	<i>Pyrgulopsis dixensis</i>	S1
Duckwater pyrg	<i>Pyrgulopsis aloba</i>	S1
Duckwater Warm Springs pyrg	<i>Pyrgulopsis villacampae</i>	S1
Elko pyrg	<i>Pyrgulopsis leporina</i>	S1
elongate Cain Spring pyrg	<i>Pyrgulopsis augustae</i>	S1
elongate Mud Meadows pyrg	<i>Pyrgulopsis notidicola</i>	S1
elongate-gland pyrg	<i>Pyrgulopsis isolata</i>	S1
Emigrant pyrg	<i>Pyrgulopsis gracilis</i>	S1
Fairbanks pyrg	<i>Pyrgulopsis fairbanksensis</i>	S1
Flag pyrg	<i>Pyrgulopsis breviloba</i>	S1
flat-topped Steptoe pyrg	<i>Pyrgulopsis planulata</i>	S1
Fly Ranch pyrg	<i>Pyrgulopsis bruesi</i>	S1
grated tryonia	<i>Tryonia clathrata</i>	S2
Hardy pyrg	<i>Pyrgulopsis marcida</i>	S1
Hubbs pyrg	<i>Pyrgulopsis hubbsi</i>	S1

S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
S2-Imperiled due to rarity and/or other demonstrable factors.
S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
S4-Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
S5-Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
S##- Range of uncertainty in numeric rank (i.e., S1S2)

Common Name	Scientific Name	SRank
Humboldt pyrg	<i>Pyrgulopsis humboldtensis</i>	S1
Kings River pyrg	<i>Pyrgulopsis imperialis</i>	S1
Lake Valley pyrg	<i>Pyrgulopsis sublata</i>	S1
Landyes pyrg	<i>Pyrgulopsis landyei</i>	S1
large gland Carico pyrg	<i>Pyrgulopsis basiglans</i>	S1
Lockes pyrg	<i>Pyrgulopsis lockensis</i>	S1
longitudinal gland pyrg	<i>Pyrgulopsis anguina</i>	S1
median-gland Nevada pyrg	<i>Pyrgulopsis pisteri</i>	S1
minute tryonia	<i>Tryonia ericae</i>	S1
Moapa pebblesnail	<i>Pyrgulopsis avernalis</i>	S1S2
Moapa Valley pyrg	<i>Pyrgulopsis carinifera</i>	S1
monitor tryonia	<i>Tryonia monitorae</i>	S1
neritiform Steptoe Ranch pyrg	<i>Pyrgulopsis neritella</i>	S1
northern Soldier Meadow pyrg	<i>Pyrgulopsis militaris</i>	S1
northern Steptoe pyrg	<i>Pyrgulopsis serrata</i>	S1
northwest Bonneville pyrg	<i>Pyrgulopsis variegata</i>	S1
Oasis Valley pyrg	<i>Pyrgulopsis micrococcus</i>	S2
ovate Cain Spring pyrg	<i>Pyrgulopsis pictilis</i>	S1
Pahrnagat pebblesnail	<i>Pyrgulopsis merriami</i>	S1
Pleasant Valley pyrg	<i>Pyrgulopsis aurata</i>	S1
Point of Rocks tryonia	<i>Tryonia elata</i>	S1
Pyramid Lake pebblesnail	<i>Fluminicola dalli</i>	SNR
Sadas pyrg	<i>Pyrgulopsis sadai</i>	S1S2
small gland Carico pyrg	<i>Pyrgulopsis bifurcata</i>	S1
smooth juga	<i>Juga interioris</i>	S1
southeast Nevada pyrg	<i>Pyrgulopsis turbatrix</i>	S2
southern Duckwater pyrg	<i>Pyrgulopsis anatina</i>	S1
southern Soldier Meadow pyrg	<i>Pyrgulopsis umbilicata</i>	S1
southern Steptoe pyrg	<i>Pyrgulopsis sulcata</i>	S1
sportinggoods tryonia	<i>Tryonia angulata</i>	S1
Spring Mountains pyrg	<i>Pyrgulopsis deaconi</i>	S1
squat Mud Meadows pyrg	<i>Pyrgulopsis limaria</i>	S1
Steptoe hydrobe	<i>Eremopyrgus eganensis</i>	S1
sterile basin pyrg	<i>Pyrgulopsis sterilis</i>	S1
sub-globose Steptoe Ranch pyrg	<i>Pyrgulopsis orbiculata</i>	S1
transverse gland pyrg	<i>Pyrgulopsis cruciglans</i>	S1
turban pebblesnail	<i>Fluminicola turbiniformis</i>	SNR
Twentyone Mile pyrg	<i>Pyrgulopsis millenaria</i>	S1
Upper Thousand Spring pyrg	<i>Pyrgulopsis hovinghi</i>	S1

State Rank
(SRank) Key

- S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
S2-Imperiled due to rarity and/or other demonstrable factors.
S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
S4 - Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
S5 - Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
S#S#- Range of uncertainty in numeric rank (i.e., S1S2)

Common Name	Scientific Name	SRank
Vinyards pyrg	<i>Pyrgulopsis vinyardi</i>	S1
Virginia Mountains pebblesnail	<i>Fluminicola virginius</i>	S1
White River Valley pyrg	<i>Pyrgulopsis sathos</i>	S1
Wongs pyrg	<i>Pyrgulopsis wongi</i>	S1

State Rank
(SRank) Key

S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
S2-Imperiled due to rarity and/or other demonstrable factors.
S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
S4-Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
S5-Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
S#S#- Range of uncertainty in numeric rank (i.e., S1S2)

Aquatic Species: Fishes

Common Name	Scientific Name	SRank
Alvord chub	<i>Gila alvordensis</i>	S2
Ash Meadows Amargosa pupfish	<i>Cyprinodon nevadensis mionectes</i>	S2
Ash Meadows speckled dace	<i>Rhinichthys osculus nevadensis</i>	S1
Big Smoky Valley speckled dace	<i>Rhinichthys osculus lariversi</i>	S1
Big Smoky Valley tui chub	<i>Gila bicolor ssp. 8</i>	S1
Big Spring spinedace	<i>Lepidomeda mollispinis pratensis</i>	S1
bonytail chub	<i>Gila elegans</i>	S1
bull trout (Jarbidge River basin pop)	<i>Salvelinus confluentus pop. 4</i>	S1
Clover Valley speckled dace	<i>Rhinichthys osculus oligoporus</i>	S1
Cui-ui	<i>Chasmistes cujus</i>	S1
desert dace	<i>Eremichthys acros</i>	S1
Devils Hole pupfish	<i>Cyprinodon diabolis</i>	S1
Diamond Valley speckled dace	<i>Rhinichthys osculus ssp. 10</i>	SH
Fish Lake Valley tui chub	<i>Gila bicolor ssp. 4</i>	S1
flannelmouth sucker	<i>Catostomus latipinnis</i>	S1
Hiko White River springfish	<i>Crenichthys baileyi grandis</i>	S1
Independence Valley speckled dace	<i>Rhinichthys osculus lethoporus</i>	S1
Independence Valley tui chub	<i>Gila bicolor isolata</i>	S1
Lahontan cutthroat trout	<i>Oncorhynchus clarkii henshawi</i>	S3
Little Fish Lake Valley tui chub	<i>Gila bicolor ssp. 6</i>	S1
Meadow Valley speckled dace	<i>Rhinichthys osculus ssp. 11</i>	S2
Meadow Valley Wash desert sucker	<i>Catostomus clarkii ssp. 2</i>	S2
Moapa dace	<i>Moapa coriacea</i>	S1
Moapa speckled dace	<i>Rhinichthys osculus moapae</i>	S1
Moapa White River springfish	<i>Crenichthys baileyi moapae</i>	S2
Monitor Valley speckled dace	<i>Rhinichthys osculus ssp. 5</i>	S1
Moorman White River springfish	<i>Crenichthys baileyi thermophilus</i>	S1
mountain whitefish	<i>Prosopium williamsoni</i>	S3
Oasis Valley speckled dace	<i>Rhinichthys osculus ssp. 6</i>	S1
Pahranagat roundtail chub	<i>Gila robusta jordani</i>	S1
Pahranagat speckled dace	<i>Rhinichthys osculus velifer</i>	S1

Common Name	Scientific Name	SRank
Pahrump poolfish	<i>Empetrichthys latos latos</i>	S1
Preston White River springfish	<i>Crenichthys baileyi albivallis</i>	S1
Railroad Valley springfish	<i>Crenichthys nevadae</i>	S2
Railroad Valley tui chub	<i>Gila bicolor ssp. 7</i>	S1
razorback sucker	<i>Xyrauchen texanus</i>	S1
Sheldon tui chub	<i>Gila bicolor eurysoma</i>	S1
Virgin River chub	<i>Gila seminuda</i>	S1
Virgin River chub (Muddy River pop.)	<i>Gila seminuda pop. 2</i>	S1
Virgin River spinedace	<i>Lepidomeda mollispinis mollispinis</i>	S1
Wall Canyon sucker	<i>Catostomus sp. 1</i>	S1
Warm Springs Amargosa pupfish	<i>Cyprinodon nevadensis pectoralis</i>	S1
Warner Valley redband trout	<i>Oncorhynchus mykiss pop. 4</i>	S1
White River desert sucker	<i>Catostomus clarkii intermedius</i>	S1S2
White River speckled dace	<i>Rhinichthys osculus ssp. 7</i>	S2S3
White River spinedace	<i>Lepidomeda albivallis</i>	S1
White River springfish	<i>Crenichthys baileyi baileyi</i>	S1
woundfin	<i>Plagopterus argentissimus</i>	S1
Yellowstone cutthroat trout	<i>Oncorhynchus clarkii bouvieri</i>	S1

State Rank (SRank) Key

S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
S2-Imperiled due to rarity and/or other demonstrable factors.
S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
S4- Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
S5- Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
SH- Range of uncertainty in numeric rank (i.e., S1S2)

Aquatic & Terrestrial: Amphibians

Common Name	Scientific Name	SRank
Amargosa toad	<i>Bufo nelsoni</i>	S2
Arizona toad	<i>Bufo microscaphus</i>	S2
Columbia spotted frog (Great Basin pop)	<i>Rana luteiventris pop. 3</i>	S2S3
Great Basin spadefoot	<i>Spea intermontana</i>	S4
Great Plains toad	<i>Bufo cognatus</i>	S2
northern leopard frog	<i>Rana pipiens</i>	S2S3
relict leopard frog	<i>Rana onca</i>	S1
Sierra Nevada yellow-legged frog	<i>Rana sierrae</i>	SH
western toad	<i>Bufo boreas</i>	S4

Terrestrial: Reptiles

Common Name	Scientific Name	SRank
banded Gila monster	<i>Heloderma suspectum cinctum</i>	S2
common chuckwalla	<i>Sauromalus ater</i>	S3
common night lizard	<i>Xantusia vigilis vigilis</i>	S4

Common Name	Scientific Name	SRank
desert horned lizard	<i>Phrynosoma platyrhinos</i>	S4
desert iguana	<i>Dipsosaurus dorsalis</i>	S3
desert tortoise (Mojave Desert pop.)	<i>Gopherus agassizii</i>	S2S3
Great Basin collared lizard	<i>Crotaphytus bicinctores</i>	S4
greater short-horned lizard	<i>Phrynosoma hernandesi</i>	S3S4
long-nosed leopard lizard	<i>Gambelia wislizenii</i>	S4
long-tailed brush lizard	<i>Urosaurus graciosus</i>	S4
northwestern pond turtle	<i>Actinemys marmorata marmorata</i>	S3
Panamint alligator lizard	<i>Elgaria panamintina</i>	SNA
pygmy short-horned lizard	<i>Phrynosoma douglasii</i>	SNR
ringneck snake	<i>Diadophis punctatus</i>	S3
rosy boa	<i>Lichanura trivirgata</i>	SNR
rubber boa	<i>Charina bottae</i>	S3S4
Shasta alligator lizard	<i>Elgaria coerulea shastensis</i>	S1
sidewinder	<i>Crotalus cerastes</i>	S4
Sierra alligator lizard	<i>Elgaria coerulea palmeri</i>	S2S3
Sonoran mountain kingsnake	<i>Lampropeltis pyromelana</i>	S2
southwestern black-headed snake	<i>Tantilla hobartsmithi</i>	S4
spotted leaf-nosed snake	<i>Phyllorhynchus decurtatus</i>	S4
western banded gecko	<i>Coleonyx variegatus</i>	S4
western blind snake	<i>Leptotyphlops humilis</i>	S4
western redbelt skink	<i>Plestiodon gilberti rubricaudatus</i>	S2S3
western shovel-nosed snake	<i>Chionactis occipitalis</i>	S4

State Rank
(SRank) Key

S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
S2-Imperiled due to rarity and/or other demonstrable factors.
S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
S4-Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
S5-Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
S#S#- Range of uncertainty in numeric rank (i.e., S1S2)

Terrestrial: Birds

Common Name	Scientific Name	SRank
American Avocet	<i>Recurvirostra americana</i>	S4B
American Bittern	<i>Botaurus lentiginosus</i>	S3B
American White Pelican	<i>Pelecanus erythrorhynchos</i>	S2B
Bell's Vireo	<i>Vireo bellii</i>	S2B
Bald Eagle (Contiguous US Pop)	<i>Haliaeetus leucocephalus</i>	S1B,S3N
Bank Swallow	<i>Riparia riparia</i>	S3B
Bendire's Thrasher	<i>Toxostoma bendirei</i>	S1
Black Rosy-Finch	<i>Leucosticte atrata</i>	S3
Black Tern	<i>Chlidonias niger</i>	S2S3B
Black-chinned Sparrow	<i>Spizella atrogularis</i>	S3B
Bobolink	<i>Dolichonyx oryzivorus</i>	S3B
Brewer's Sparrow	<i>Spizella breweri</i>	S4B

Common Name	Scientific Name	SRank
California Spotted Owl	<i>Strix occidentalis occidentalis</i>	S1N
Canvasback	<i>Aythya valisineria</i>	S3S4
Cassin's Finch	<i>Carpodacus cassinii</i>	S5
Columbian Sharp-tailed Grouse	<i>Tympanuchus phasianellus columbianus</i>	S1
Common Loon	<i>Gavia immer</i>	S2N
Common Nighthawk	<i>Chordeiles minor</i>	S5B
Dusky Grouse	<i>Dendragapus obscurus</i>	S3
Ferruginous Hawk	<i>Buteo regalis</i>	S2
Flammulated Owl	<i>Otus flammeolus</i>	S4B
Gilded Flicker	<i>Colaptes chrysoides</i>	S1
Golden Eagle	<i>Aquila chrysaetos</i>	S4
Gray-crowned Rosy-Finch	<i>Leucosticte tephrocotis</i>	S3N
Great Basin Willow Flycatcher	<i>Empidonax traillii adastus</i>	S1S2
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	S3
Greater Sandhill Crane	<i>Grus canadensis tabida</i>	S2B,S3M
Le Conte's Thrasher	<i>Toxostoma lecontei</i>	S2
Lewis's Woodpecker	<i>Melanerpes lewis</i>	S3
Loggerhead Shrike	<i>Lanius ludovicianus</i>	S4
Long-billed Curlew	<i>Numenius americanus</i>	S2S3B
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	S4N
Mountain Quail	<i>Oreortyx pictus</i>	S3
Northern Goshawk	<i>Accipiter gentilis</i>	S2
Northern Pintail	<i>Anas acuta</i>	S5
Olive-sided Flycatcher	<i>Contopus cooperi</i>	S2B
Peregrine Falcon	<i>Falco peregrinus</i>	S2
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	S3S4
Prairie Falcon	<i>Falco mexicanus</i>	S4
Redhead	<i>Aythya americana</i>	S4B
Red-necked Phalarope	<i>Phalaropus lobatus</i>	S4M
Rufous Hummingbird	<i>Selasphorus rufus</i>	S3M
Sage Sparrow	<i>Amphispiza belli</i>	S4B,S4N
Sage Thrasher	<i>Oreoscoptes montanus</i>	S5B
Scott's Oriole	<i>Icterus parisorum</i>	S4B
Short-eared Owl	<i>Asio flammeus</i>	S4
Sierra Nevada Mountain Willow Flycatcher	<i>Empidonax traillii brewsteri</i>	S2B
Sooty Grouse	<i>Dendragapus fuliginosus</i>	SNR
Southwestern Willow Flycatcher	<i>Empidonax traillii extimus</i>	S1B
Tricolored Blackbird	<i>Agelaius tricolor</i>	S1B

State Rank
(SRank) Key

- S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
- S2-Imperiled due to rarity and/or other demonstrable factors.
- S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
- S4- Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
- S5- Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
- S#S#- Range of uncertainty in numeric rank (i.e., S1S2)

Common Name	Scientific Name	SRank
Virginia's Warbler	<i>Vermivora virginiae</i>	S4B
Western Burrowing Owl	<i>Athene cunicularia hypugaea</i>	S3B
Western Least Bittern	<i>Ixobrychus exilis hesperis</i>	S2B
Western Sandpiper	<i>Calidris mauri</i>	S5M
Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	S3B
Western Yellow-billed Cuckoo	<i>Coccyzus americanus occidentalis</i>	S1B
White-faced Ibis	<i>Plegadis chihi</i>	S3B
White-headed Woodpecker	<i>Picoides albolarvatus</i>	S2
Wilson's Phalarope	<i>Phalaropus tricolor</i>	S2S3B,S4M
Yuma Clapper Rail	<i>Rallus longirostris yumanensis</i>	S1

State Rank (SRank) Key

S1-Critically imperiled due to extreme rarity, imminent threats, and/or biological factors.
S2-Imperiled due to rarity and/or other demonstrable factors.
S3-Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
S4-Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
S5-Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.
S#S#- Range of uncertainty in numeric rank (i.e., S1S2)

Terrestrial: Mammals

Common Name	Scientific Name	SRank
Allen's big-eared bat	<i>Idionycteris phyllotis</i>	S1
Allen's chipmunk	<i>Neotamias senex</i>	S2S3
American marten	<i>Martes americana</i>	S2S3
American pika	<i>Ochotona princeps</i>	S2
bighorn sheep	<i>Ovis canadensis</i>	S4
Botta's pocket gopher	<i>Thomomys bottae</i>	SH
California leaf-nosed bat	<i>Macrotus californicus</i>	S2
cave myotis	<i>Myotis velifer</i>	S1
dark kangaroo mouse	<i>Microdipodops megacephalus</i>	S2
desert kangaroo rat	<i>Dipodomys deserti</i>	S2S3
desert pocket mouse	<i>Chaetodipus penicillatus</i>	S1S2
fringed myotis	<i>Myotis thysanodes</i>	S2
hoary bat	<i>Lasiurus cinereus</i>	S3
Humboldt yellow-pine chipmunk	<i>Neotamias amoenus celeris</i>	S2
Inyo shrew	<i>Sorex tenellus</i>	S2
little brown myotis	<i>Myotis lucifugus</i>	S3
long-eared myotis	<i>Myotis evotis</i>	S4
Merriam's shrew	<i>Sorex merriami</i>	S3
Mexican free-tailed bat	<i>Tadarida brasiliensis</i>	S3S4
Mono Basin mountain beaver	<i>Aplodontia rufa californica</i>	S1
montane shrew	<i>Sorex monticolus</i>	S3
mountain pocket gopher	<i>Thomomys monticola</i>	S3
mule deer	<i>Odocoileus hemionus</i>	S5
northern flying squirrel	<i>Glaucomys sabrinus</i>	S3
Pahranagat Valley montane vole	<i>Microtus montanus fuscus</i>	S1S2

State Rank (SRank) Key

S1-Critically im
S2-Imperiled d
S3-Rare and lo
S4-Apparently
S5-Demonstra
S#S#- Range of

Common Name	Scientific Name	SRank
pale kangaroo mouse	<i>Microdipodops pallidus</i>	S2
Palmer's chipmunk	<i>Neotamias palmeri</i>	S2
Preble's shrew	<i>Sorex preblei</i>	S1S2
pygmy rabbit	<i>Brachylagus idahoensis</i>	S3
river otter	<i>Lontra canadensis</i>	S2
sagebrush vole	<i>Lemmiscus curtatus</i>	S3
Sierra Nevada snowshoe hare	<i>Lepus americanus tahoensis</i>	S3
silver-haired bat	<i>Lasiorycteris noctivagans</i>	S3
spotted bat	<i>Euderma maculatum</i>	S2
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	S2
water shrew	<i>Sorex palustris</i>	S2
western jumping mouse	<i>Zapus princeps</i>	S2
western red bat	<i>Lasiurus blossevillii</i>	S1
western small-footed myotis	<i>Myotis ciliolabrum</i>	S3
Wyoming ground squirrel	<i>Spermophilus elegans nevadensis</i>	S4