

Appendix H

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Mammals			
Shrews			
Merriam's shrew	<i>Sorex merriami</i>	Shrub-grass, pinyon-juniper	
Desert shrew	<i>Notiosorex crawfordi</i>	Shrub-grass, pinyon-juniper	
Bats			
California myotis	<i>Myotis californica</i>	Caves, crevices, trees, structures	
Western small-footed myotis	<i>M. ciliolabrum</i>	Caves, crevices, trees, structures	
Long-eared myotis	<i>M. evotis</i>	Caves, crevices, trees, structures	
Little brown bat	<i>M. lucifugus</i>	Caves, crevices, trees, structures	
Fringed myotis	<i>M. thysanodes</i>	Caves, crevices, trees, structures	√
Long-legged myotis	<i>M. volans</i>	Caves, crevices, trees, structures	
Yuma myotis	<i>M. yumanensis</i>	Caves, crevices, trees, structures	√
Hoary bat	<i>Lasiurus cinereus</i>	Caves, crevices, trees, structures	
Silver-haired bat	<i>Lasionycteris noctivagans</i>	Caves, crevices, trees, structures	
Western pipistrelle	<i>Pipistrellus hesperus</i>	Caves, crevices, trees, structures	
Big brown bat	<i>Eptesicus fuscus</i>	Caves, crevices, trees, structures	
Spotted bat	<i>Euderma maculatum</i>	Caves, crevices, trees, structures	√
Townsend's big-eared bat	<i>Plecotus townsendii</i>	Caves, crevices, trees, structures	√
Mexican big-eared bat	<i>Idionycteris phyllotis</i>	Caves, crevices, trees, structures	√

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>	Caves, crevices, trees, structures	
Big free-tailed bat	<i>Nyctinomops macrotis</i>	Caves, crevices, trees, structures	√
Rabbits and Hares			
Desert cottontail	<i>Sylvilagus audubonii</i>	Shrub-grass, pinyon-juniper	
Black-tailed jackrabbit	<i>Lepus californicus</i>	Shrub-grass, pinyon-juniper	
Rodents			
Least chipmunk	<i>Tamias minimus</i>	Canyons, pinyon-juniper, mixed conifers, oak	
Hopi chipmunk	<i>T. rufus</i>	Canyons	
White-tailed antelope squirrel	<i>Ammospermophilus leucurus</i>	Shrub-grass, pinyon-juniper	
Spotted ground squirrel	<i>Spermophilus spilosoma</i>	Shrub-grass	
Rock squirrel	<i>S. variegatus</i>	Canyons, riparian	
Gunnison's prairie dog	<i>Cynomys gunnisoni</i>	Shrub-grass	
[Apache] Plains pocket mouse	<i>Perognathus flavescens</i>	Shrub-grass	
[Hopi] Silky pocket mouse	<i>P. flavus</i>	Shrub-grass	
Ord's kangaroo rat	<i>Dipodomys ordii</i>	Shrub-grass	
American beaver	<i>Castor canadensis</i>	Aquatic, riparian	
Western harvest mouse	<i>Reithrodontomys megalotis</i>	Shrub-grass	
Brush mouse	<i>Peromyscus boylii</i>	Canyons	
Canyon mouse	<i>P. crinitus</i>	Canyons	
Deer mouse	<i>P. maniculatus</i>	Ubiquitous	
Pinyon mouse	<i>P. truei</i>	Pinyon-juniper	
Northern grasshopper mouse	<i>Onychomys leucogaster</i>	Shrub-grass	
White-throated woodrat	<i>Neotoma albigula</i>	Canyons, pinyon-juniper	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Bushy-tailed woodrat	<i>N. cinerea</i>	Canyons, pinyon-juniper, mixed conifers	
Mexican woodrat	<i>N. mexicana</i>	Canyons, pinyon-juniper	
Long-tailed vole	<i>Microtus longicaudus</i>	Riparian	
Muskrat	<i>Ondatra zibethicus</i>	Aquatic, riparian	
Common porcupine	<i>Erethizon dorsatum</i>	Pinyon-juniper, mixed conifers	
Carnivores			
Coyote	<i>Canis latrans</i>	Ubiquitous	
Kit fox	<i>Vulpes macrotis</i>	Shrub-grass	√
Red fox	<i>V. vulpes</i>	Pinyon-juniper, shrub-grass	
Gray fox	<i>Urocyon cinereoargenteus</i>	Riparian	
Black bear	<i>Ursus americanus</i>	Canyons, mixed conifers	
Ringtail	<i>Bassariscus astutus</i>	Canyons	
Raccoon	<i>Procyon lotor</i>	Riparian	
Long-tailed weasel	<i>Mustela frenata</i>	Ubiquitous	
American badger	<i>Taxidea taxus</i>	Shrub-grass	
Western spotted skunk	<i>Spilogale gracilis</i>	Canyons, mixed conifers	
Striped skunk	<i>Mephitis mephitis</i>	Riparian	
Mountain lion	<i>Felis concolor</i>	Canyons, woodlands	
Bobcat	<i>Lynx rufus</i>	Canyons, woodlands	
Hoofed Mammals			
Rocky Mountain elk	<i>Cervus elaphus nelsoni</i>	Shrub-grass, woodlands	
Mule deer	<i>Odocoileus hemionus</i>	Ubiquitous	
Pronghorn	<i>Antilocapra americana</i>	Shrub-grass	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Birds			
“Waterbirds” (various unrelated groups)			
Pied-billed grebe	<i>Podilymbus podiceps</i>	Perennial ponds	
Great blue heron	<i>Ardea herodias</i>	Streams and ponds	
Mallard	<i>Anas platyrhynchos</i>	Streams and ponds	
Green-winged teal	<i>A. crecca</i>	Ponds	
Virginia rail	<i>Rallus limicola</i>	Wetlands	
Sora	<i>Porzana carolina</i>	Wetlands	
American coot	<i>Fulica americana</i>	Perennial ponds	
Killdeer	<i>Charadrius vociferus</i>	Shorelines	
Spotted sandpiper	<i>Actitis macularia</i>	Shorelines	
Vultures, Hawks, Eagles, and Falcons			
Turkey vulture	<i>Cathartes aura</i>	Ubiquitous	
Northern harrier	<i>Circus cyaneus</i>	Shrub-grass	
Golden eagle	<i>Aquila chrysaetos</i>	Ubiquitous	
Bald eagle	<i>Haliaeetus leucocephalus</i>	Riparian, shrub-grass	√
Sharp-shinned hawk	<i>Accipiter striatus</i>	Mixed conifers, riparian	
Cooper’s hawk	<i>A. cooperii</i>	Mixed conifers, riparian	
Northern goshawk	<i>A. gentilis</i>	Mixed conifers	
Red-tailed hawk	<i>Buteo jamaicensis</i>	Pinyon-juniper, shrub-grass	
Swainson’s hawk	<i>B. swainsoni</i>	Pinyon-juniper, shrub-grass	
Ferruginous hawk	<i>B. regalis</i>	Shrub-grass, pinyon-juniper, canyons	√
American kestrel	<i>Falco sparverius</i>	Canyons, riparian	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Prairie falcon	<i>F. mexicanus</i>	Shrub-grass, pinyon-juniper	
Peregrine falcon	<i>F. peregrinus</i>	Canyons, riparian	√
Upland Fowl			
Wild turkey	<i>Meleagris gallopavo</i>	Canyons, mixed conifers, oak	
Greater sage-grouse	<i>Centrocercus urophasianus</i>	Sagebrush, shrub-grass	
Gunnison sage-grouse	<i>C. minimus</i>	Sagebrush, shrub-grass	√
Gambel's quail	<i>Callipepla gambelii</i>	Riparian, pinyon-juniper, oak	
Scaled quail	<i>C. squamata</i>	Shrub-grass, pinyon-juniper	
Pigeons and Doves			
Band-tailed pigeon	<i>Columba fasciata</i>	Oaks, mixed conifers	
Mourning dove	<i>Zenaida macroura</i>	Ubiquitous	
Cuckoos			
Western yellow-billed cuckoo	<i>Coccyzus americanus occidentalis</i>	Riparian	√
Owls			
Great horned owl	<i>Bubo virginianus</i>	Riparian, canyons	
Long-eared owl	<i>Asio otus</i>	Riparian, mixed conifers	
Mexican spotted owl	<i>Strix occidentalis lucida</i>	Canyons, mixed conifers	√
Western screech-owl	<i>Otus kennicottii</i>	Riparian, mixed conifers	
Flammulated owl	<i>O. flammeolus</i>	Mixed conifers, oak	
Northern pygmy-owl	<i>Glaucidium gnoma</i>	Woodlands	
Burrowing owl	<i>Athene cunicularia</i>	Shrub-grass	
Nightjars			
Common poorwill	<i>Phalaenoptilus nuttallii</i>	Canyons, pinyon-juniper	
Common nighthawk	<i>Chordeiles minor</i>	Ubiquitous	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Swifts and Hummingbirds			
White-throated swift	<i>Aeronautes saxatalis</i>	Canyons	
Black-chinned hummingbird	<i>Archilochus alexandri</i>	Pinyon-juniper	
Broad-tailed hummingbird	<i>A. platycercus</i>	Mixed conifers	
Kingfishers			
Belted kingfisher	<i>Ceryle alcyon</i>	Riparian	
Woodpeckers			
Lewis's woodpecker	<i>Melanerpes lewis</i>	Riparian	
Northern flicker	<i>Colaptes auratus</i>	Riparian, pinyon-juniper, mixed conifers	
Downy woodpecker	<i>Picoides pubescens</i>	Riparian, mixed conifers	
Hairy woodpecker	<i>P. villosus</i>	Riparian, mixed conifers	
New World Flycatchers			
Western wood-pewee	<i>Contopus sordidulus</i>	Mixed conifers	
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	Riparian	√
Hammond's flycatcher	<i>E. hammondii</i>	Mixed conifers	
Dusky flycatcher	<i>E. oberholseri</i>	Pinyon-juniper, oak	
Gray flycatcher	<i>E. wrightii</i>	Pinyon-juniper	
Cordilleran flycatcher	<i>E. occidentalis</i>	Riparian, mixed conifers	
Say's phoebe	<i>Sayornis saya</i>	Canyons, pinyon-juniper	
Ash-throated flycatcher	<i>Myiarchus cinerascens</i>	Pinyon-juniper	
Western kingbird	<i>Tyrannus verticalis</i>	Shrub-grass, pinyon-juniper	
Cassin's kingbird	<i>T. vociferans</i>	Shrub-grass, pinyon-juniper	
Shrikes			
Loggerhead shrike	<i>Lanius ludovicianus</i>	Shrub-grass, pinyon-juniper	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Northern shrike	<i>L. excubitor</i>	Shrub-grass, pinyon-juniper	
Vireos			
Plumbeous vireo	<i>Vireo plumbeus</i>	Riparian, mixed conifers, oak	
Gray vireo	<i>V. vicinior</i>	Pinyon-juniper	
Warbling vireo	<i>V. gilvus</i>	Riparian	
Jays and Crows			
Steller's jay	<i>Cyanocitta stelleri</i>	Mixed conifers	
Clark's nutcracker	<i>Nucifraga columbiana</i>	Mixed conifers, pinyon-juniper	
Western scrub-jay	<i>Aphelocoma californica</i>	Pinyon-juniper, riparian, oak	
Pinyon jay	<i>Gymnorhinus cyanocephalus</i>	Pinyon-juniper	
Yellow-billed magpie	<i>Pica hudsonia</i>	Pinyon-juniper	
American crow	<i>Corvus brachyrhynchos</i>	Riparian, mixed conifers	
Common raven	<i>C. corax</i>	Ubiquitous	
Larks			
Horned lark	<i>Eremophila alpestris</i>	Shrub-grass	
Swallows			
Tree swallow	<i>Tachycineta bicolor</i>	Mixed conifers	
Violet-green swallow	<i>T. thalassina</i>	Canyons, mixed conifers	
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	Riparian banks	
Bank swallow	<i>Riparia riparia</i>	Riparian banks	
Barn swallow	<i>Hirundo rustica</i>	Canyons, structures	
Cliff swallow	<i>H. pyrrhonota</i>	Canyons, structures	
Titmice and Chickadees			
Juniper titmouse	<i>Baeolophus griseus</i>	Pinyon-juniper	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Black-capped chickadee	<i>Poecile atricapillus</i>	Riparian	
Mountain chickadee	<i>P. gambeli</i>	Mixed conifers	
Bushtit	<i>Psaltriparus minimus</i>	Pinyon-juniper, riparian, oak	
Nuthatches			
White-breasted nuthatch	<i>Sitta carolinensis</i>	Pinyon-juniper, riparian	
Red-breasted nuthatch	<i>S. canadensis</i>	Mixed conifers	
Pygmy nuthatch	<i>S. pygmaea</i>	Mixed conifers	
Wrens			
House wren	<i>Troglodytes aedon</i>	Riparian	
Bewick's wren	<i>Thryomanes bewickii</i>	Pinyon-juniper, riparian	
Marsh wren	<i>Cistothorus palustris</i>	Wetlands	
Rock wren	<i>Salpinctes obsoletus</i>	Canyons (rock crevices)	
Canyon wren	<i>Catherpes mexicanus</i>	Canyons (rock crevices)	
Gnatcatchers			
Blue-gray gnatcatcher	<i>Polioptila caerulea</i>	Pinyon-juniper, riparian, oak	
Thrushes			
Western bluebird	<i>Sialia mexicana</i>	Pinyon-juniper, mixed conifers	
Mountain bluebird	<i>S. currucoides</i>	Pinyon-juniper, mixed conifers	
Townsend's solitaire	<i>Myadestes townsendi</i>	Canyons, woodlands	
American robin	<i>Turdus migratorius</i>	Riparian, mixed conifers	
Thrashers			
Northern mockingbird	<i>Mimus polyglottos</i>	Pinyon-juniper	
Sage thrasher	<i>Oreoscoptes montanus</i>	Sagebrush	
Starlings			
European starling	<i>Sturnus vulgaris</i>	Riparian, mixed conifers	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
New World Warblers			
Orange-crowned warbler	<i>Vermivora celata</i>	Mixed conifers, oak	
Virginia's warbler	<i>V. virginiae</i>	Pinyon-juniper, mixed conifers, oak	
Yellow-rumped warbler	<i>Dendroica coronata</i>	Mixed conifers	
Black-throated gray warbler	<i>D. townsendi</i>	Pinyon-juniper	
Grace's warbler	<i>D. graciae</i>	Mixed conifers	
Yellow warbler	<i>D. petechia</i>	Riparian	
MacGillivray's warbler	<i>Oporornis tolmiei</i>	Oak, riparian	
Common yellowthroat	<i>Geothlypis trichas</i>	Wetlands	
Yellow-breasted chat	<i>Icteria virens</i>	Oak	
Tanagers			
Western tanager	<i>Piranga ludoviciana</i>	Mixed conifers	
New World Sparrows			
Green-tailed towhee	<i>Pipilo chlorurus</i>	Pinyon-juniper, shrub-grass	
Spotted towhee	<i>P. maculatus</i>	Oak, riparian	
Chipping sparrow	<i>Spizella passerina</i>	Mixed conifers	
Brewer's sparrow	<i>S. breweri</i>	Sagebrush	
Lark sparrow	<i>Chondestes grammacus</i>	Pinyon-juniper, shrub-grass	
Black-throated sparrow	<i>Amphispiza bilineata</i>	Pinyon-juniper, shrub-grass	
Sage sparrow	<i>A. belli</i>	Sagebrush	
Song sparrow	<i>Melospiza melodia</i>	Riparian	
Vesper sparrow	<i>Pooecetes gramineus</i>	Shrub-grass	
Dark-eyed junco	<i>Junco hyemalis</i>	Mixed conifers	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Grosbeaks and Buntings			
Black-headed grosbeak	<i>Pheucticus melanocephalus</i>	Mixed conifers, oak	
Blue grosbeak	<i>Guiraca caerulea</i>	Riparian	
Lazuli bunting	<i>Passerina amoena</i>	Riparian, oak	
Blackbirds and Orioles			
Western meadowlark	<i>Sturnella neglecta</i>	Shrub-grass	
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	Wetlands	
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Wetlands, riparian	
Brewer's blackbird	<i>Euphagus breweri</i>	Riparian	
Brown-headed cowbird	<i>Molothrus ater</i>	Woodlands	
Bullock's oriole	<i>Icterus bullockii</i>	Riparian	
Scott's oriole	<i>I. parisorum</i>	Pinyon-juniper, riparian	
Finches			
House finch	<i>Carpodacus mexicanus</i>	Pinyon-juniper, riparian	
Red crossbill	<i>Loxia curvirostra</i>	Mixed conifers	
Pine siskin	<i>Carduelis pinus</i>	Mixed conifers	
American goldfinch	<i>C. tristis</i>	Riparian	
Lesser goldfinch	<i>C. psaltria</i>	Riparian	
Evening grosbeak	<i>Coccothraustes vespertinus</i>	Mixed conifers	
Reptiles			
Squamata: Lizards and Snakes			
Collared lizard	<i>Crotaphytus collaris</i>	Canyons	
Long-nose leopard lizard	<i>Gambelia wislizenii</i>	Shrub-grass	√
Lesser earless lizard	<i>Holbrookia maculata</i>	Shrub-grass	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Short-horned lizard	<i>Phrynosoma hernandesi</i>	Shrub-grass	
Sagebrush lizard	<i>Sceloporus graciosus</i>	Shrub-grass, pinyon-juniper	
Desert spiny lizard	<i>S. magister</i>	Canyons, riparian	√
Plateau swift (fence lizard)	<i>S. undulatus elongatus</i>	Canyons	
Tree lizard	<i>S. ornatus</i>	pinyon-juniper, shrub-grass	
Side-blotched lizard	<i>Uta stansburiana</i>	Canyons	
Many-lined skink	<i>Eumeces multivirgatus</i>	Riparian	
Western whiptail	<i>Cnemidophorus tigris</i>	Pinyon-juniper, shrub-grass, canyons	
Plateau striped whiptail	<i>C. velox</i>	Pinyon-juniper, shrub-grass, canyons	
[Mesa Verde] Night snake	<i>Hypsiglena torquata</i>	Pinyon-juniper, shrub-grass, canyons	
Common kingsnake	<i>Lampropeltis getula</i>	Riparian, canyons	√
Milk snake	<i>L. triangulum</i>	Riparian, canyons	
Striped whipsnake	<i>Masticophis taeniatus</i>	Pinyon-juniper, shrub-grass	
Smooth green snake	<i>Liochlorophis vernalis</i>	Riparian	
Bullsnake (gopher snake)	<i>Pituophis catenifer</i>	Pinyon-juniper, shrub-grass	
Western garter snake	<i>Thamnophis proximus</i>	Riparian	
Western rattlesnake	<i>Crotalus viridis</i>	Shrub-grass, canyons, pinyon-juniper	
Amphibians			
Salamanders			
Tiger salamander	<i>Ambystoma tigrinum</i>	Aquatic	
Frogs and Toads			
New Mexico spadefoot	<i>Spea multiplicata</i>	Seasonal aquatic	
Plains spadefoot	<i>S. bombifrons</i>	Seasonal aquatic	

Terrestrial and Aquatic Vertebrate Wildlife Species Known to Occur, or with a Reasonable Potential to Occur, as Residents or Breeding Migrants			
Common Name	Scientific Name	Primary Habitat	Special Status?
Red-spotted toad	<i>Bufo punctatus</i>	Canyons/aquatic	
Woodhouse's toad	<i>B. woodhousii</i>	Seasonal aquatic	
Canyon treefrog	<i>Hyla arenicolor</i>	Canyons/aquatic	
Western chorus frog	<i>Pseudacris triseriata</i>	Wetlands/seasonal aquatic	
Northern leopard frog	<i>Rana pipiens</i>	Perennial aquatic	√
Bullfrog	<i>R. catesbiana</i>	Perennial aquatic	
Fishes			
Minnnows, Dace, and Chubs			
Carp	<i>Cyprinus carpio</i>	Perennial streams, ponds	
Speckled dace	<i>Cyprinella osculus</i>	Perennial streams, ponds	
Fathead minnow	<i>Pimephales promelas</i>	Perennial streams, ponds	
Suckers			
Bluehead sucker	<i>Catostomus discobolus</i>	Perennial streams	√
White sucker	<i>C. commersoni</i>	Perennial streams	
Flannelmouth sucker	<i>C. latipinnis</i>	Perennial streams	√
Topminnows			
Plains killifish	<i>Fundulus zebrinus</i>	Perennial streams	
Sculpins			
Mottled sculpin	<i>Cottus bairdi</i>	Perennial streams	
Sunfish			
Green sunfish	<i>Lepomis cyanellus</i>	Perennial streams, ponds	