Appendix 8-A. Plants and animals of the Coconino National Forest. Refer to Chapter 2 for more information on how the data was generated for this table. Also, see information regarding the R3 Species database at www.azconservation.org.

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Ambystoma tigrinum	Tiger Salamander		G5	N5	S5					
Bufo cognatus	Great Plains Toad		G5	N5	S5					
Bufo microscaphus	Arizona Toad	SOC	G3	N3N4	S3S4					
Bufo punctatus	Red-Spotted Toad	SOI	G5	N5	S5			X		
Bufo woodhousii	Woodhouse's Toad		G5	N5	S5					
Hyla arenicolor	Canyon Treefrog	SOI	G5	N5	S5			X		
Hyla wrightorum	Mountain Treefrog	SOI	G4	N4	S4			X		
Pseudacris triseriata	Western Chorus Frog	SOI	G5	N5	S5			X		
Rana catesbeiana	Bullfrog		G5	N5	SNA					
Rana chiricahuensis	Chiricahua Leopard Frog	TE	G3	N3	S3	T	WSC	X		
Rana pipiens	Northern Leopard Frog	SOI	G5	N5	S2		WSC	X		
Rana yavapaiensis	Yavapai Leopard Frog	SOI	G4	N4	S4		WSC	X		
Spea bombifrons	Plains Spadefoot	SOI	G5	N5	S3			X		
Spea multiplicata	New Mexico Spadefoot		G5	N5	S5					
Accipiter cooperii	Cooper's Hawk	SOI	G5	N5B	S4			X		
Accipiter gentilis	Northern Goshawk	SOI	G5	N4B	S3		WSC	X		
Accipiter striatus velox	Sharp-Shinned Hawk	SOI	T5	N5B				X		
Actitis macularia	Spotted Sandpiper	SOI	G5	N5B	S3S4			X		
Aechmophorus clarkii	Clark's Grebe	SOI	G5	N5B	S3		WSC	X		
Aechmophorus occidentalis	Western Grebe		G5	N5B	S3					
Aegolius acadicus acadicus	Northern Saw-Whet Owl	SOI	TU	NNR				X		
Aeronautes saxatalis	White-Throated Swift	SOI	G5	N5B	S5			X		X
Agelaius phoeniceus	Red-Winged Blackbird	SOI	G5	N5	S5			X		
Aix sponsa	Wood Duck	SOI	G5	N5B	S2B S3N			X		
Alectoris chukar	Chukar	SOI	G5	NNA	SNA			X		

[1] NatureServe common and scientific names are used unless highlighted in bold.
[2] TE = Listed as Threatened or Endangered under the Endangered Species Act, SOC = potential species-of-concern, SOI = potential species-of-interest
[3] T = Threatened, E = Endangered, C = Candidate, PS = Partial status, PE = Proposed endangered
[4] HS = Highly Safeguarded, SR = Salvage Restricted, WSC = Wildlife of Special Concern
[5] Listed as priority species in the Arizona Comprehensive Wildlife Conservation Strategy
[6] Birds of Conservation Concern National Priority List

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Ammodramus savannarum ammolegus	Arizona Grasshopper Sparrow	SOI	TU	N2	S2			X		
Amphispiza belli	Sage Sparrow	SOI	G5	N5	S4			X	X	
Amphispiza bilineata	Black-Throated Sparrow	SOI	G5	N5	S5			X		
Anas acuta	Northern Pintail	SOI	G5	N5B	S2B S5N			X		
Anas americana	American Wigeon	SOI	G5	N5B	S1B S5N			X		
Anas clypeata	Northern Shoveler	SOI	G5	N5B	S1B S5N					
Anas crecca	Green-Winged Teal	SOI	G5	N5B	S3B S5N			X		
Anas cyanoptera	Cinnamon Teal	SOI	G5	N5B	S5			X		
Anas discors	Blue-Winged Teal	SOI	G5	N5B	S2B S5N			X		
Anas penelope	Eurasian Wigeon	SOI	G5	N3N	S2N					
Anas platyrhynchos	Mallard	SOI	G5	N5B	S5			X		
Anas strepera	Gadwall	SOI	G5	N5B	S5			X		
Anser albifrons	Greater White-Fronted Goose	SOI	G5	N5B	S2N					
Anthus rubescens	American Pipit	SOI	G5	N5B	S2B S5N			X		
Aphelocoma californica	Western Scrub-Jay		G5	N5	S5					
Aquila chrysaetos	Golden Eagle	SOI	G5	N5B	S4			X		
Archilochus alexandri	Black-Chinned Hummingbird	SOI	G5	N5B	S5			X		
Ardea alba egretta	Great Egret	SOI	TNR	NNR			WSC	X		
Ardea herodias	Great Blue Heron		G5	N5B	S5					
Asio flammeus	Short-Eared Owl	SOI	G5	N5B	SNR			X		X
Asio otus	Long-Eared Owl	SOI	G5	N5B	S2B S3S4N					
Athene cunicularia hypugaea	Burrowing Owl	SOI	T4	N4	S3			X	X	
Auriparus flaviceps	Verdin		G5	N5	S5					
Aythya affinis	Lesser Scaup Duck	SOI	G5	N5B	S5N			X		
Aythya americana	Redhead	SOI	G5	N5B	S4			X		
Aythya collaris	Ring-Necked Duck	SOI	G5	N5B	S5			X		
Aythya marila	Greater Scaup Duck	SOI	G5	N5B	S1N			X		
Aythya valisineria	Canvasback Duck	SOI	G5	N5B	S1B S4N			X		
Baeolophus ridgwayi	Juniper Titmouse		G5	N5	S5					
Baeolophus wollweberi	Bridled Titmouse	SOI	G5	N4	S4			X		
Bombycilla cedrorum	Cedar Waxwing	SOI	G5	N5	S3S4N			X		
Bombycilla garrulus	Bohemian Waxwing		G5	N5B						

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Botaurus lentiginosus	American Bittern	SOI	G4	N4B	S1S2		WSC	X		
Branta canadensis	Canada Goose	SOI	G5	N5B	S4N			X		
Bubo virginianus	Great-Horned Owl		G5	N5	S5					
Bubulcus ibis	Cattle Egret	SOI	G5	N5B	S1B S4N			X		
Bucephala albeola	Bufflehead	SOI	G5	N5B	S5N			X		
Bucephala clangula	Common Goldeneye	SOI	G5	N5B	S5N			X		
Bucephala islandica	Barrow's Goldeneye	SOI	G5	N5B	S1N			X		
Buteo albonotatus	Zone-Tailed Hawk	SOI	G4	N4B	S4			X		
Buteo jamaicensis	Red-Tailed Hawk		G5	N5B	S5					
Buteo lagopus	Rough-Legged Hawk	SOI	G5	N5B	SNRN			X		
Buteo lineatus	Red-Shouldered Hawk	SOI	G5	N5B				X		
Buteo nitidus maxima	Northern Gray Hawk	SOC	T3	N3	S3		WSC			
Buteo platypterus	Broad-Winged Hawk	SOI	G5	N5B				X		
Buteo regalis	Ferruginous Hawk	SOI	G4	N4B	S2B S4N		WSC	X	X	
Buteo swainsoni	Swainson's Hawk	SOI	G5	N5B	S3			X		X
Buteogallus anthracinus	Common Black-Hawk	SOI	G4	N3B	S3		WSC	X	X	
Butorides virescens	Green Heron	SOI	G5	N5B	S4			X		
Calamospiza melanocorys	Lark Bunting	SOI	G5	N5B	S1B S5N			X	X	
Calcarius mccownii	Mccown's Longspur	SOI	G4	N4B	S2N			X		X
Calcarius ornatus	Chestnut-Collared Longspur	SOI	G5	N5B	S3N			X		
Calidris alba	Sanderling	SOI	G5	N4B, N5N	SNA			X		
Calidris alpina	Dunlin	SOI	G5	N5B	S2N			X		
Calidris bairdii	Baird's Sandpiper	SOI	G5	N4B	SNA			X		
Calidris himantopus	Stilt Sandpiper	SOI	G5	N3B				X	X	
Calidris mauri	Western Sandpiper	SOI	G5	N5B	S1N			X		
Calidris melanotos	Pectoral Sandpiper	SOI	G5	N5B	SNA			X		
Calidris minutilla	Least Sandpiper	SOI	G5	N5B	S5N			X		
Calidris pusilla	Semipalmated Sandpiper		G5	N5B						
Callipepla gambelii	Gambel's Quail		G5	N5	S5					
Calypte anna	Anna's Hummingbird	SOI	G5	N5	S5			X		
Calypte costae	Costa's Hummingbird	SOI	G5	N5B, N4N	S5			X		X
Campylorhynchus brunneicapillus										

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Coccothraustes vespertinus	Evening Grosbeak	SOI	G5	N5	S3			X		
Coccyzus americanus occidentalis	Western Yellow-Billed Cuckoo	SOC	T2	N3B	S3	C	WSC	X	X	
Colaptes auratus	Northern Flicker	SOI	G5	N5B	S5			X		
Columba livia	Rock Dove		G5	NNA	SNA					
Columbina inca	Inca Dove		G5	N5	S5					
Columbina passerina	Common Ground-Dove		G5	N5	S4					
Columbina talpacoti	Ruddy Ground-Dove	SOI	G5	NNA	S1B S2N			X		
Contopus cooperi	Olive-Sided Flycatcher	SOI	G4	N4B	S4			X		X
Contopus pertinax	Greater Pewee	SOI	G5	N4B	S4			X	X	
Contopus sordidulus	Western Wood-Pewee	SOI	G5	N5B	S5			X		
Corvus brachyrhynchos	American Crow	SOI	G5	N5B	S5			X		
Corvus corax	Common Raven	SOI	G5	N5	S5			X		
Cyanocitta stelleri	Steller's Jay	SOI	G5	N5	S5			X		
Cygnus columbianus	Tundra Swan	SOI	G5	N5B	S1N			X		
Cypseloides niger	Black Swift	SOI	G4	N4B						X
Cyrtonyx montezumae	Montezuma Quail	SOI	G4	N4	S4			X		X
Dendragapus obscurus	Blue Grouse	SOI	G5	N5	S3			X		X
Dendroica caerulescens	Black-Throated Blue Warbler		G5	N5B						
Dendroica coronata	Yellow-Rumped Warbler	SOI	G5	N5B	S5			X		
Dendroica graciae	Grace's Warbler	SOI	G5	N5B	S5			X	X	X
Dendroica nigrescens	Black-Throated Gray Warbler	SOI	G5	N5B	S5			X	X	
Dendroica occidentalis	Hermit Warbler	SOI	G4	N4N5B, NNRN	SNA			X		X
Dendroica petechia	Yellow Warbler	SOI	G5	N5B	S4			X		
Dendroica townsendi	Townsend's Warbler	SOI	G5	N5B	SNA			X		
Dolichonyx oryzivorus	Bobolink	SOI	G5	N5B	S1		WSC			
Dumetella carolinensis	Gray Catbird	SOI	G5	N5B	S1		WSC	X		
Egretta thula	Snowy Egret	SOI	G5	N5B	S1B S4N		WSC	X		
Elanus leucurus	White-Tailed Kite	SOI	G5	N4	S2B S2S3N			X		
Empidonax hammondii	Hammond's Flycatcher	SOI	G5	N5B	S1B S2S3N			X		
Empidonax oberholseri	Dusky Flycatcher	SOI	G5	N5B	S4			X		

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Empidonax occidentalis	Cordilleran Flycatcher	SOI	G5	N5B				X		
Empidonax traillii	Willow Flycatcher	SOI	G5	N5B	S1		WSC	X		X
Empidonax wrightii	Gray Flycatcher	SOI	G5	N5B	S5			X		
Eremophila alpestris	Horned Lark	SOI	G5	N5B	S5			X		
Eugenes fulgens	Magnificent Hummingbird	SOI	G5	N4B	S4			X		
Euphagus carolinus	Rusty Blackbird	SOI	G4	N4B						X
Euphagus cyanocephalus	Brewer's Blackbird	SOI	G5	N5B	S5			X		
Falco columbarius	Merlin	SOI	G5	N4B	SNRN			X		
Falco mexicanus	Prairie Falcon	SOI	G5	N5B	S4			X		
Falco peregrinus anatum	American Peregrine Falcon	SOC	T3	N3B	S4		WSC	X	X	
Falco sparverius	American Kestrel	SOI	G5	N5B	S5			X		
Fulica americana	American Coot		G5	N5B	S5					
Gallinago delicata	Wilson's Snipe	SOI	G5	N5B	S1B S4N			X		
Gallinula chloropus	Common Moorhen		G5	N5B	S5					
Gavia immer	Common Loon	SOI	G5	N4B, N5N	S2N			X		
Gavia pacifica	Pacific Loon	SOI	G5	N5B, N4N5N	S1N			X		
Gavia stellata	Red-throated Loon		G5	N5B						
Geococcyx californianus	Greater Roadrunner		G5	N5	S5					
Geothlypis trichas	Common Yellowthroat	SOI	G5	N5	S4			X		
Glaucidium gnoma californicum	Northern Pygmy Owl		T4	N4N5						
Grus canadensis	Sandhill Crane	SOI	G5	N5B	S3N			X		
Gymnorhinus cyanocephalus	Pinyon Jay	SOI	G5	N5	S5					X
Haliaeetus leucocephalus	Bald Eagle	TE	G4	N5B	S2S3B S4N	T	WSC	X		
Himantopus mexicanus	Black-Necked Stilt	SOI	G5	N5B	S2					
Hirundo rustica	Barn Swallow	SOI	G5	N5B	S5			X		
Icteria virens	Yellow-Breasted Chat	SOI	G5	N5B	S4			X		
Icterus bullockii	Bullock's Oriole	SOI	G5	N5B	SNRB			X		
Icterus parisorum	Scott's Oriole	SOI	G5	N5B	S5			X		
Ictinia mississippiensis	Mississippi Kite	SOI	G5	N5B	S3		WSC	X		
Ixobrychus exilis	Least Bittern	SOI	G5	N5B	S3		WSC			
Ixoreus naevius	Varied Thrush	SOI	G5	N5	S1N					

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Junco hyemalis	Dark-Eyed Junco	SOI	G5	N5	S5			X		
Junco phaeonotus	Yellow-Eyed Junco	SOI	G5	N3	S3			X		
Lampornis clemenciae	Blue-Throated Hummingbird	SOI	G5	N3B	S4			X		
Lanius ludovicianus	Loggerhead Shrike	SOI	G4	N4	S4			X	X	
Larus argentatus	Herring Gull	SOI	G5	N5B	S2N					
Larus californicus	California Gull	SOI	G5	N5B	S3N			X		
Larus delawarensis	Ring-Billed Gull	SOI	G5	N5B	S5N			X		
Larus philadelphia	Bonaparte's Gull	SOI	G5	N5B	SNA			X		
Larus pipixcan	Franklin's Gull	SOI	G4	N4B	SNA			X		
Leucosticte atrata	Black Rosy Finch	SOI	G4	N4						X
Limnodromus griseus	Short-Billed Dowitcher	SOI	G5	N5B	SNA			X		
Limnodromus scolopaceus	Long-Billed Dowitcher	SOI	G5	N5B	S3S4N			X		
Limosa fedoa	Marbled Godwit	SOI	G5	N5B	SNA			X		
Lophodytes cucullatus	Hooded Merganser	SOI	G5	N5B	S2N			X		
Loxia curvirostra	Red Crossbill		G5	N5	S4					
Megascops kennicottii	Western Screech Owl	SOI	G5	N5	S5			X		
Melanerpes formicivorus	Acorn Woodpecker	SOI	G5	N5	S5			X		
Melanerpes lewis	Lewis's Woodpecker	SOI	G4	N4B	S4			X	X	X
Melanerpes uropygialis	Gila Woodpecker		G5	N5	S5					
Melanitta fusca	White-Winged Scoter Duck		G5	N5B						
Melanitta perspicillata	Surf Scoter	SOI	G5	N5B	S1N					
Meleagris gallopavo	Wild Turkey		G5	N5	S5					
Melospiza georgiana	Swamp Sparrow	SOI	G5	N5B	S2S3N			X		
Melospiza lincolnii	Lincoln's Sparrow	SOI	G5	N5B	S3B S5N			X		
Melospiza melodia	Song Sparrow	SOI	G5	N5	S5			X		
Mergus merganser	Common Merganser Duck	SOI	G5	N5B	S3S4			X		
Mergus serrator	Red-Breasted Merganser Duck	SOI	G5	N5B	S3N			X		
Micrathene whitneyi	Elf Owl	SOI	G5	N5B	S5			X	X	X
Mimus polyglottos	Northern Mockingbird	SOI	G5	N5	S5			X		
Mniotilta varia	Black-And-White Warbler	SOI	G5	N5B, N4N5N	S1B S1N			X		
Molothrus aeneus	Bronzed Cowbird	SOI	G5	N4N5N, N5B	S5			X		

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Molothrus ater	Brown-Headed Cowbird	SOI	G5	N5	S5			X		
Myadestes townsendi	Townsend's Solitaire	SOI	G5	N5	S5			X		
Myiarchus cinerascens	Ash-Throated Flycatcher	SOI	G5	N5B	S5			X		
Myiarchus tyrannulus	Brown-Crested Flycatcher	SOI	G5	N4B	S4			X		
Myioborus pictus	Painted Redstart	SOI	G5	N4B	S4			X		
Myiodynastes luteiventris	Sulphur-Bellied Flycatcher	SOI	G5	N3B	S3			X		
Nucifraga columbiana	Clark's Nutcracker	SOI	G5	N5	S5			X		
Numenius americanus	Long-Billed Curlew	SOI	G5	N5B	S1B S3S4N				X	
Numenius phaeopus	Whimbrel	SOI	G5	N5B	S2M			X	X	
Nycticorax nycticorax	Black-Crowned Night Heron	SOI	G5	N5B	S3			X		
Oporornis formosus	Kentucky Warbler	SOI	G5	N5B					X	X
Oporornis tolmiei	Macgillivray's Warbler	SOI	G5	N5B	S4			X		
Oreoscoptes montanus	Sage Thrasher	SOI	G5	N5B	S5			X		
Otus flammeolus	Flammulated Owl	SOI	G4	N4B	S4			X	X	X
Oxyura jamaicensis	Ruddy Duck	SOI	G5	N5B	S5			X		
Pandion haliaetus	Osprey	SOI	G5	N5B	S2B S4N		WSC			
Parabuteo unicinctus	Harris's Hawk	SOI	G5	N5	S5			X		
Parula americana	Northern Parula	SOI	G5	N5B				X		
Passer domesticus	House Sparrow		G5	NNA	SNA					
Passerculus sandwichensis	Savannah Sparrow	SOI	G5	N5B	S5			X		
Passerella iliaca	Fox Sparrow	SOI	G5	N5B	S2N			X		
Passerina amoena	Lazuli Bunting	SOI	G5	N5B	S4			X		
Passerina caerulea	Blue Grosbeak	SOI	G5	N5B	S5			X		
Passerina ciris	Painted Bunting	SOI	G5	N5B				X		X
Passerina cyanea	Indigo Bunting	SOI	G5	N5B	S3			X		
Patagioenas fasciata	Band-Tailed Pigeon	SOI	G4	N4B	S5			X		X
Pelecanus erythrorhynchos	American White Pelican	SOC	G3	N3	S3N			X		
Pelecanus occidentalis	Brown Pelican	TE	G4	N4B	S1N	E		X		
Petrochelidon pyrrhonota	Cliff Swallow	SOI	G5	N5B	S5			X		
Peucedramus taeniatus	Olive Warbler	SOI	G5	N4B	S4			X	X	
Phainopepla nitens	Phainopepla	SOI	G5	N5	S5			X		
Phalacrocorax auritus	Double-Crested Cormorant	SOI	G5	N5B	S5			X		
Phalaenoptilus nuttallii	Common Poorwill	SOI	G5	N5B	S5			X		

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Phalaropus lobatus	Red-Necked Phalarope	SOI	G4	N4N5B	SNA			X		
Phalaropus tricolor	Wilson's Phalarope	SOI	G5	N5B	S1B S5N			X	X	
Phasianus colchicus	Ring-Necked Pheasant		G5	NNA	SNA					
Pheucticus ludovicianus	Rose-Breasted Grosbeak	SOI	G5	N5B				X		
Pheucticus melanocephalus	Black-Headed Grosbeak	SOI	G5	N5B	S5			X		
Picoides dorsalis	American Three-Toed Woodpecker	SOI	G5	N5	S3			X		
Picoides pubescens	Downy Woodpecker	SOI	G5	N5	S4			X		
Picoides scalaris	Ladder-Backed Woodpecker		G5	N5	S5					
Picoides villosus	Hairy Woodpecker		G5	N5	S5					
Pinicola enucleator	Pine Grosbeak	SOI	G5	N5	S1		WSC			
Pipilo aberti	Abert's Towhee	SOC	G3	N3N4	S3			X		X
Pipilo chlorurus	Green-Tailed Towhee		G5	N5B	S3B S4N					
Pipilo erythrophthalmus	Eastern Towhee		G5	N5						
Pipilo fuscus	Canyon Towhee		G5	N5	S5					
Pipilo maculatus	Spotted Towhee	SOI	G5	N5	S5			X		
Piranga flava	Hepatic Tanager	SOI	G5	N5B	S4			X		
Piranga ludoviciana	Western Tanager	SOI	G5	N5B	S5			X		
Piranga rubra	Summer Tanager	SOI	G5	N5B	S4			X		
Plegadis chihi	White-Faced Ibis	SOI	G5	N4B	SNRB S2S3N			X		
Pluvialis squatarola	Black-Bellied Plover	SOI	G5	N5B	SNA			X		
Podiceps auritus	Horned Grebe	SOI	G5	N5B	S2N			X		
Podiceps nigricollis	Eared Grebe	SOI	G5	N5B	S3B S5N			X		
Podilymbus podiceps	Pied-Billed Grebe	SOI	G5	N5B	S5			X		
Poecile gambeli	Mountain Chickadee	SOI	G5	N5	S5			X		
Polioptila caerulea	Blue-Gray Gnatcatcher	SOI	G5	N5B	S5			X		
Polioptila melanura	Black-Tailed Gnatcatcher		G5	N5	S5					
Pooecetes gramineus	Vesper Sparrow	SOI	G5	N5B	S5			X		
Porzana carolina	Sora	SOI	G5	N5B	S4			X		
Progne subis	Purple Martin	SOI	G5	N5B	S4			X		
Protonotaria citrea	Prothonotary Warbler	SOI	G5	N5B					X	X
Psaltriparus minimus	Bushtit		G5	N5	S5					
Pyrocephalus rubinus	Vermilion Flycatcher	SOI	G5	N5B	S5			X		

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
				, N4N						
Sterna forsteri	Forster's Tern	SOI	G5	N5B	S2N			X		
Sterna hirundo	Common Tern	SOI	G5	N5B				X		
Streptopelia decaocto	Eurasian Collared-Dove		G5	NNA	SNA					
Strix occidentalis lucida	Mexican Spotted Owl	TE	T3	N3	S3S4	T	WSC	X		
Sturnella magna	Eastern Meadowlark	SOI	G5	N5	S5			X		
Sturnella neglecta	Western Meadowlark	SOI	G5	N5	S5			X		
Sturnus vulgaris	European Starling		G5	NNA	SNA					
Tachycineta bicolor	Tree Swallow	SOI	G5	N5B	S3			X		
Tachycineta thalassina	Violet-Green Swallow	SOI	G5	N5B	S5			X		
Thryomanes bewickii	Bewick's Wren		G5	N5B	S5					
Toxostoma bendirei	Bendire's Thrasher	SOI	G4	N4B, NNRN	S4			X	X	X
Toxostoma crissale	Crissal Thrasher	SOI	G5	N5	S5			X	X	
Toxostoma curvirostre	Curve-Billed Thrasher		G5	N5	S5					
Toxostoma rufum	Brown Thrasher	SOI	G5	N5	S1N					
Tringa flavipes	Lesser Yellowlegs	SOI	G5	N5B	SNA			X		
Tringa melanoleuca	Greater Yellowlegs	SOI	G5	N5B	S3N			X		
Tringa solitaria	Solitary Sandpiper	SOI	G5	N4B, N5N	SNA			X		
Troglodytes aedon	House Wren	SOI	G5	N5B	S5			X		
Troglodytes troglodytes	Winter Wren	SOI	G5	N5	S2S3N			X		
Turdus migratorius	American Robin	SOI	G5	N5	S5			X		
Tyrannus forficatus	Scissor-tailed Flycatcher	SOI	G5	N5B				X	X	
Tyrannus melancholicus	Tropical Kingbird	SOI	G5	N3B	S3		WSC	X		
Tyrannus verticalis	Western Kingbird	SOI	G5	N5B	S5			X		
Tyrannus vociferans	Cassin's Kingbird	SOI	G5	N5B	S5			X		
Tyto alba	Barn Owl		G5	N5	S5					
Vermivora celata	Orange-Crowned Warbler	SOI	G5	N5B	S3B S5N			X		
Vermivora luciae	Lucy's Warbler	SOI	G5	N5B	S5			X		
Vermivora ruficapilla	Nashville Warbler	SOI	G5	N5B	SNA			X		
Vermivora virginiae	Virginia's Warbler	SOI	G5	N5B	S5			X		X
Vireo bellii arizonae	Arizona Bell's Vireo	SOI	T4	N4B	S4				X	
Vireo cassinii	Cassin's Vireo	SOI	G5	N3N,	S4N			X		

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
	Cricket									
Ammospermophilus harrisii	Harris' Antelope Squirrel		G5	N5	S5					
Ammospermophilus leucurus	White-Tailed Antelope Squirrel		G5	N5	S5					
Antilocapra americana	Pronghorn	SOI	G5	N5	S5			X		
Antrozous pallidus	Pallid Bat	SOI	G5	N5	S4S5			X		
Bassariscus astutus	Ringtail	SOI	G5	N5	S5			X		
Canis latrans	Coyote	SOI	G5	N5	S5			X		
Castor canadensis	American Beaver	SOI	G5	N5	S4			X		
Cervus canadensis nelsoni	Rocky Mountain Elk		T5	N5	SNA					
Chaetodipus hispidus	Hispid Pocket Mouse	SOI	G5	N5	S5			X		
Chaetodipus intermedius intermedius	Rock Pocket Mouse	SOI	T5	N5	S5			X		
Conepatus leuconotus	White-backed Hog-Nosed Skunk	SOI	G4	N3	S4			X		
Corynorhinus townsendii	Townsend's Big-Eared Bat		G4	N4	S3					
Corynorhinus townsendii pallescens	Pale Lump-nosed Bat		T4	N4	S3S4					
Cynomys gunnisoni	Gunnison's Prairie Dog	SOI	G5	N5	S5			X		
Dipodomys ordii	Ord's Kangaroo Rat	SOI	G5	N5	S5			X		
Eptesicus fuscus	Big Brown Bat		G5	N5	S4S5					
Erethizon dorsatum	North American Porcupine	SOI	G5	N5	S4S5			X		
Idionycteris phyllotis	Allen's Big-Eared Bat	SOC	G3	N3N4	S2S3					
Lasionycteris noctivagans	Silver-Haired Bat		G5	N5	S3S4					
Lasiurus cinereus	Hoary Bat		G5	N5	S4					
Lepus californicus	Black-Tailed Jack Rabbit		G5	N5	S5					
Lynx rufus	Bobcat	SOI	G5	N5	S5			X		
Mephitis macroura	Hooded Skunk	SOI	G5	N4	S4			X		
Mephitis mephitis	Striped Skunk	SOI	G5	N5	S5			X		
Microtus longicaudus	Long-Tailed Vole	SOI	G5	N5	S4			X		
Microtus mogollonensis	Mogollon Vole	SOI	G4	N5	S5			X		
Microtus mogollonensis navaho	Navajo Mexican Vole	SOC	T2	N2	S1		WSC	X		
Mus musculus	House Mouse		G5	NNA	SNA					
Mustela frenata	Long-Tailed Weasel		G5	N5	S3					
Myotis auriculus	Southwestern Myotis		G5	N4	S3					

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Myotis californicus	California Myotis Bat	SOI	G5	N5	S4S5			X		
Myotis ciliolabrum	Western Small-Footed Myotis Bat		G5	N5	S3					
Myotis ciliolabrum melanorhinus	**Western Small Footed Myotis**									
Myotis evotis	Long-Eared Myotis Bat		G5	N5	S3S4					
Myotis evotis evotis	**Long-eared Myotis**									
Myotis occultus	Occult Little Brn. Myotis Bat	SOC	G3	N3N4	S3			X		
Myotis thysanodes	Fringed Myotis Bat		G4	N4N5	S3S4					
Myotis thysanodes thysanodes	**Fringe-tailed Myotis**									
Myotis velifer	Cave Myotis Bat		G5	N4	S4					
Myotis volans interior	**Long-legged Myotis**									
Myotis yumanensis	Yuma Myotis Bat		G5	N5	S3S4					
Myotis yumanensis yumanensis	**Yuma Myotis Bat**									
Neotamias minimus arizonensis	**White Mountains Least Chipmunk**									
Neotoma albigula	Western White-Throated Woodrat	SOI	G5	N5	S5			X		
Neotoma mexicana	Mexican Wood Rat	SOI	G5	N5	S5			X		
Neotoma stephensi	Stephen's Woodrat	SOI	G5	N5	S5			X		
Notiosorex crawfordi	Crawford's Desert Shrew	SOI	G5	N5	S4S5			X		
Odocoileus hemionus	Mule Deer	SOI	G5	N5	S5			X		
Odocoileus virginianus	White-Tailed Deer	SOI	G5	N5	S5			X		
Ondatra zibethicus	Muskrat	SOI	G5	N5	S4			X		
Onychomys leucogaster	Northern Grasshopper Mouse		G5	N5	S5					
Onychomys torridus	Southern Grasshopper Mouse		G5	N5	S5					
Pecari tajacu	Collared Peccary		G5	N5	S5					
Perognathus amplus	Arizona Pocket Mouse	SOI	G5	N5	S5			X		
Perognathus amplus cineris	Wupatki Pocket Mouse	SOC	T3	N3	S3			X		
Perognathus flavescens	Plains Pocket Mouse		G5	N5	S4					
Perognathus flavus	Silky Pocket Mouse		G5	N5	S5					
Peromyscus boylii	Brush Mouse	SOI	G5	N5	S5			X		
Peromyscus crinitus	Canyon Mouse		G5	N5	S4					
Peromyscus eremicus	Cactus Mouse		G5	N5	S5					

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Peromyscus leucopus	White-Footed Mouse		G5	N5	S5					
Peromyscus maniculatus	Deer Mouse	SOI	G5	N5	S5			X		
Peromyscus truei	Pinyon Mouse		G5	N5	S5					
Pipistrellus hesperus	Western Pipistrelle	SOI	G5	N5	S5			X		
Procyon lotor	Northern Raccoon	SOI	G5	N5	S4			X		
Puma concolor	Puma	SOI	G5	N5	S4			X		
Reithrodontomys megalotis	Western Harvest Mouse	SOI	G5	N5	S5			X		
Reithrodontomys montanus	Plains Harvest Mouse	SOI	G5	N5	S2					
Sciurus aberti	Abert's Squirrel	SOI	G5	N5	S5			X		
Sciurus arizonensis	Arizona Gray Squirrel	SOI	G4	N4	S4			X		
Sorex merriami leucogenys	Merriam's Shrew	SOI	T5	N5				X		
Sorex monticolus	Montane Shrew		G5	N5	S4					
Sorex nanus	Dwarf Shrew	SOI	G4	N4	S1S2			X		
Spermophilus lateralis	Golden-Mantled Ground Squirrel		G5	N5	S5					
Spermophilus spilosoma	Spotted Ground Squirrel	SOI	G5	N5	S4			X		
Spermophilus variegatus	Rock Squirrel		G5	N5	S5					
Spilogale gracilis	Western Spotted Skunk		G5	N5	S5					
Sylvilagus audubonii	Desert Cottontail		G5	N5	S5					
Sylvilagus floridanus	Eastern Cottontail		G5	N5	S5					
Tadarida brasiliensis	Brazilian Free-Tailed Bat	SOI	G5	N5	S3S4			X		
Tadarida brasiliensis mexicana	**Mexican Free-tailed Bat**									
Tamias cinereicollis	Gray-Collared Chipmunk		G4	N4	S4					
Tamias dorsalis	Cliff Chipmunk		G5	N5	S5					
Tamiasciurus hudsonicus	Red Squirrel	SOI	G5	N5	S5			X		
Taxidea taxus	American Badger	SOI	G5	N5	S5			X		
Thomomys bottae	Botta's Pocket Gopher		G5	N5	S5					
Thomomys talpoides kaibabensis	**Kaibab Northern Pocket Gopher**									
Urocyon cinereoargenteus	Gray Fox	SOI	G5	N5	S5			X		
Ursus americanus	Black Bear	SOI	G5	N5	S5			X		
Vulpes macrotis	Kit Fox	SOI	G4	N4	S4			X		
Actaea arizonica	Arizona Bugbane	SOC	G2	N2	S2		HS			
Adiantum andrewsii										

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Agave delamateri	Tonto Basin Agave	SOC	G2	N2	S2		HS			
Agave phillipsiana										
Arenaria aberrans	Mt. Dellenbaugh Sandwort	SOC	G3	N2N3	SNR					
Astragalus rusbyi	A Milkvetch	SOC	G3	N3	S3					
Botrychium crenulatum	Crenulate Moonwort	SOC	G3	N3	SH					
Brickellia floribunda	Chihuahuan Desert Brickell-Bush	SOC	G3	NNR	SNR					
Carex ultra	Cochise Sedge	SOC	G3	N3	S2					
Chrysothamnus molestus	Arizona Rabbit-Brush	SOC	G3	N3	S3					
Cirsium parryi	Parry Thistle	SOI	G4	N4?	S1					
Cirsium parryi ssp. mogollonicum		SOC	T1	N1	S1		SR			
Clematis hirsutissima var. hirsutissima			T4	NNR	SNR					
Crataegus rivularis	Dotted Hawthorn	SOI	G5	NNR	S1					
Desmodium metcalfei	Metcalfe's Tick-Trefoil	SOC	G3	N3	SNR					
Erigeron saxatilis		SOC	G3	N3	S3					
Eriogonum ericifolium var. ericifolium	Heathleaf Wild Buckwheat	SOC	T2	N2	S2					
Eriogonum ripleyi	Ripley's Wild Buckwheat	SOC	G2	N2	S2		SR			
Gentianopsis barbellata	Perennial Fringed Gentian	SOC	G3	N3N4	S1					
Hedeoma diffusa		SOC	G3	N3	S3		SR			
Helenium arizonicum	Arizona Sneezeweed	SOC	G3	N3	S3					
Helianthus arizonensis	Arizona Sunflower		G4	N4	SNR					
Heuchera eastwoodiae	Senator Mine Allum-Root	SOC	G3	N3	S3					
Hymenopappus mexicanus	Mexican Woolly-white	SOC	G3	NNR	SNR					
Hymenoxys rusbyi	Ruby's Bitterweed	SOC	G3	NNR	SNR					
Ligusticum porteri	Porter's Lovage	SOC	G3	N3N4	SNR					
Packera franciscana	San Franciso Peaks Groundsel	TE	G1	N1	S1	T	HS			
Pellaea lyngholmii		SOC	G2	NNR	SNR					
Penstemon clutei	A Beardtongue	SOC	G2	N2	S2		SR			
Penstemon nudiflorus	Flagstaff Beardtongue	SOC	G2	N2N3	S2S3					
Penstemon ophianthus	Arizona Beardtongue	SOC	G3	N3N4	S2					
Phacelia serrata	Serrate Phacelia	SOC	G3	N3	S3					
Phacelia welshii	A Phacelia	SOC	G2	N2	S2					

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Phanerophlebia auriculata	Eared Phanerophlebia		G4	NNR	SNR					
Platanthera zothecina	Alcove Bog Orchid	SOC	G2	N2	S2					
Polygala rusbyi	Rusby's Milkwort	SOC	G3	N3	S3					
Porterella carnosula	Western Porterella		G4	NNR	SNR					
Purshia x subintegra	Arizona Cliff Rose	TE	GNA	N1	S1	E	HS			
Rumex orthoneurus	Bloomer's Dock	SOC	G3	N3	S3		HS			
Salvia dorrii ssp. mearnsii		SOC	T3	N3	S3		SR			
Senecio bigelovii var. bigelovii	Nodding Ragwort	SOC	T3	NNR	SNR					
Stachys rothrockii	Rothrock's Hedge-nettle	SOC	G3	NNR	SNR					
Talinum validulum	Western Flame Flower	SOC	G3	N3	S3		SR			
Apalone spinifera	Spiny Softshell		G5	N5	SNA					
Arizona elegans	Glossy Snake	SOI	G5	N5	S5			X		
Aspidoscelis exsanguis	Chihuahuan Spotted Whiptail		G5	N5	S3					
Aspidoscelis flagellicauda	Gila Spotted Whiptail	SOI	G4	N4	S4			X		
Aspidoscelis tigris	Western Whiptail		G5	N5	S5					
Aspidoscelis uniparens	Desert Grassland Whiptail		G5	N5	S5					
Aspidoscelis velox	Plateau Striped Whiptail		G5	N5	S5					
Chrysemys picta	Northern Painted Turtle	SOI	G5	N5	S1S2			X		
Coleonyx variegatus	Western Banded Gecko		G5	N5	S5					
Cophosaurus texanus	Greater Earless Lizard		G5	N5	S5					
Crotalus atrox	Western Diamondback Rattlesnake	SOI	G5	N5	S5			X		
Crotalus molossus	Blacktail Rattlesnake	SOI	G5	N5	S5			X		
Crotalus scutulatus	Mojave Rattlesnake	SOI	G5	N5	S5			X		
Crotalus viridis cerberus	Arizona Black Rattlesnake	SOI	T5	N5	S5			X		
Crotaphytus collaris	Collared Lizard		G5	N5	S5					
Diadophis punctatus	Ringneck Snake		G5	N5	S4					
Elgaria kingii nobilis	Arizona Alligator Lizard		T4	N4	SNR					
Eumeces multivirgatus epipleurotus	Variable Skink		T5	N4N5	SNR					
Eumeces obsoletus	Great Plains Skink		G5	N5	S5					
Gambelia wislizenii	Longnose Leopard Lizard		G5	N5	S5					
Heloderma suspectum suspectum	Reticulate Gila Monster		T4	N4	S4					
Holbrookia maculata	Lesser Earless Lizard		G5	N5	S5					

NatureServe Scientific Name[1]	NatureServe Common Name[A]	Potential Species List[2]	G/T-rank	N-rank	AZ S-rank	ESA status[3]	AZ state status[4]	AZ CWCS[5]	Birds of Conserv. Concern[6]	Partners in Flight Watch List
Hypsiglena torquata	Night Snake		G5	N5	S5					
Kinosternon sonoriense	Sonoran Mud Turtle	SOI	G4	N4	S4			X		
Lampropeltis getula	Common Kingsnake		G5	N5	S5					
Lampropeltis pyromelana	Sonoran Mountain Kingsnake	SOI	G5	N4	S4			X		
Lampropeltis triangulum	Milk Snake	SOI	G5	N5	S2					
Leptotyphlops humilis segregus	Trans-Pecos Blind Snake		T5	N5	SNR					
Masticophis bilineatus	Sonoran Whipsnake		G5	N5	S5					
Masticophis flagellum	Coachwhip		G5	N5	S5					
Masticophis taeniatus	Striped Whipsnake		G5	N5	S4					
Micruroides euryxanthus	Arizona Coral Snake	SOI	G5	N5	S5			X		
Phrynosoma hernandesi	Short-Horned Lizard	SOI	G5	N5	S2			X		
Phyllorhynchus browni lucidus	Maricopa Leafnose Snake	SOC	T2	N2	S2					
Pituophis catenifer	Gopher Snake		G5	N5	S5					
Rhinocheilus lecontei	Longnose Snake		G5	N5	S5					
Salvadora hexalepis	Western Patchnose Snake		G5	N5	S5					
Sauromalus obesus	Chuckwalla		G5	N5	S4					
Sceloporus clarkii	Clark's Spiny Lizard		G5	N5	S5					
Sceloporus magister	Desert Spiny Lizard		G5	N5	S5					
Sceloporus undulatus	Fence/ Prairie/ Plateau Lizard		G5	N5	S5					
Sonora semiannulata	Ground Snake		G5	N5	S5					
Tantilla hobartsmithi	Southwestern Black-Headed Snake	SOI	G5	N5	S5			X		
Thamnophis cyrtopsis	Western Blackneck Garter Snake	SOI	G5	N5	S5			X		
Thamnophis elegans	Western Terrestrial Garter Snake		G5	N5	S5?					
Thamnophis eques megalops	Mexican Garter Snake	SOC	T3	N2N3	S2S3		WSC	X		
Thamnophis rufipunctatus	Narrowhead Garter Snake	SOC	G3	N3	S3		WSC	X		
Trimorphodon biscutatus	Western Lyre Snake		G5	N5	S5					
Urosaurus ornatus	Tree Lizard		G5	N5	S5					
Uta stansburiana	Side-Blotched Lizard		G5	N5	S5					
Xantusia arizonae	Arizona Night Lizard	SOC	G3	N3	S3			X		
Pyrgulopsis morrisoni	Page Springsnail	SOC	G1	N1N2	S1	C		X		
Pyrgulopsis simplex	Fossil Springsnail	SOC	G1	N1N2	S1			X		

Appendix 8-B. Conservation targets (N=112), by target type, that occur on one or more of nine conservation areas that overlap the Coconino National Forest in Arizona.

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas[A]
Amphibians				
Bufo microscaphus microscaphus		Aquatic/Riparian	3	1,3,7
Hyla wrightorum	Mountain Treefrog	Aquatic/Riparian	5	1,3,4,6,7
Rana chiricahuensis	Chiricahua Leopard Frog	Aquatic/Riparian	3	1,3,7
Rana pipiens	Northern Leopard Frog	Aquatic/Riparian	1	7
Rana yavapaiensis	Yavapai Leopard Frog	Aquatic/Riparian	3	3,6,7
Birds				
Accipiter gentilis	Northern Goshawk	Terrestrial	5	1,3,4,6,7
Buteogallus anthracinus	Common Black-Hawk	Aquatic/Riparian	1	7
Ceryle alcyon	Belted Kingfisher	Aquatic/Riparian	1	7
Coccyzus americanus occidentalis	Western Yellow-Billed Cuckoo	Aquatic/Riparian	1	7
Empidonax traillii extimus	Southwest Willow Flycatcher	Aquatic/Riparian	1	7
Falco peregrinus anatum	American Peregrine Falcon	Terrestrial	1	7
Haliaeetus leucocephalus	Bald Eagle	Terrestrial	1	7
Strix occidentalis lucida	Mexican Spotted Owl	Terrestrial	5	1,3,4,6,7
Fish				
Agosia chrysogaster	Longfin Dace	Aquatic/Riparian	1	7
Catostomus clarki	Desert Sucker	Aquatic/Riparian	2	3,7
Catostomus insignis	Sonora Sucker	Aquatic/Riparian	2	3,7
Catostomus sp 3	Little Colorado Sucker	Aquatic/Riparian	2	1,3
Gila intermedia	Gila Chub	Aquatic/Riparian	1	7
Gila robusta	Roundtail Chub	Aquatic/Riparian	4	1,3,6,7
Lepidomeda vittata	Little Colorado Spinedace	Aquatic/Riparian	1	3
Meda fulgida	Spikedace	Aquatic/Riparian	1	7
Poeciliopsis occidentalis occidentalis	Gila Topminnow Infraspecific.	Aquatic/Riparian	1	7
Rhinichthys osculus	Speckled Dace	Aquatic/Riparian	2	1,7
Insects				
Abedus herberti	Giant Water Bug	Aquatic/Riparian	1	7
Aquanothrus sp nov		Aquatic/Riparian	1	9
Cicindela oregona maricopa	Maricopa Tiger Beetle	Aquatic/Riparian	2	3,7

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas[A]
Cylloepus parkeri	Parker's Cylloepus Riffle Beetle	Aquatic/Riparian	1	7
Metrichia volada		Aquatic/Riparian	2	6,7
Mammals				
Antilocapra americana	Pronghorn	Terrestrial	1	7
Cynomys gunnisoni	Gunnison's Prairie Dog	Terrestrial	1	4
Mustela frenata arizonensis		Terrestrial	3	1,4,6
Myotis lucifugus occultus		Terrestrial	4	1,4,6,7
Myotis thysanodes	Fringed Myotis Bat	Terrestrial	1	7
Nyctinomops macrotis	Big Free-Tailed Bat	Terrestrial	1	7
Sciurus arizonensis	Arizona Gray Squirrel	Terrestrial	1	7
Sorex nanus	Dwarf Shrew	Terrestrial	1	4
Ursus americanus	Black Bear	Terrestrial	1	7
Mollusks				
Pyrgulopsis montezumensis	Montezuma Well Springsnail	Aquatic/Riparian	1	7
Pyrgulopsis morrisoni	Page Springsnail	Aquatic/Riparian	1	7
Pyrgulopsis simplex	Fossil Springsnail	Aquatic/Riparian	1	7
Pyrgulopsis sola	Brown Springsnail	Aquatic/Riparian	1	7
Reptiles				
Cnemidophorus flagellicaudus	Gila Spotted Whiptail	Terrestrial	1	3
Lampropeltis pyromelana	Sonoran Mountain Kingsnake	Terrestrial	2	3,6
Thamnophis eques megalops	Mexican Garter Snake	Aquatic/Riparian	2	6,7
Thamnophis rufipunctatus	Narrowhead Garter Snake	Aquatic/Riparian	3	3,6,7
Plants-Vascular				
Agave delamateri	Tonto Basin Agave	Terrestrial	1	7
Astragalus troglodytus		Terrestrial	3	4,6,8
Botrychium crenulatum	Crenulate Moonwort	Terrestrial	2	1,4
Carex ultra	Cochise Sedge	Aquatic/Riparian	1	7
Chrysothamnus molestus	Arizona Rabbit-Brush	Terrestrial	1	4
Cimicifuga arizonica	Arizona Bugbane	Aquatic/Riparian	2	3,6
Cirsium parryi ssp mogollonicum		Terrestrial	2	3,5
Erigeron anchana		Terrestrial	1	7
Erigeron saxatilis		Terrestrial	3	3,4,6
Eriogonum apachense		Terrestrial	1	7

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas[A]
Eriogonum ripleyi	Ripley's Wild Buckwheat	Terrestrial	1	7
Gentiana barbellata	Perennial Fringed Gentian	Terrestrial	1	4
Hedeoma diffusum		Terrestrial	2	1,6
Heuchera eastwoodiae	Senator Mine Allum-Root	Terrestrial	2	3,6
Hymenoxys helenioides		Terrestrial	1	4
Hymenoxys jamesii		Terrestrial	1	7
Penstemon clutei	A Beardtongue	Terrestrial	1	4
Penstemon nudiflorus	Flagstaff Beardtongue	Terrestrial	1	7
Phacelia serrata	Serrate Phacelia	Terrestrial	2	4,9
Phacelia welshii	A Phacelia	Terrestrial	1	9
Pinus aristata		Terrestrial	1	4
Potentilla multifoliolata		Terrestrial	6	1,3,4,5,6,8
Psorothamnus thompsoniae var. whitingii		Terrestrial	1	9
Purshia subintegra	Arizona Cliff Rose	Terrestrial	1	7
Rumex orthoneurus	Bloomer's Dock	Aquatic/Riparian	2	3,7
Salvia dorrii ssp mearnsii		Terrestrial	2	6,7
Senecio franciscanus	San Franciso Peaks Groundsel	Terrestrial	2	1,4
Talinum validulum	Western Flame Flower	Terrestrial	3	4,6,7
Communities				
Cienega		Aquatic/Riparian	1	7
Douglas Fir Forest Community (specific)		Terrestrial	1	4
Ponderosa Pine Forest Community (specific)		Terrestrial	6	1,2,3,4,5,6
Subalpine Forest Community (specific)		Terrestrial	1	3
White Fir Forest Community (specific)		Terrestrial	1	3
Ecological Systems				
Alpine Tundra		Terrestrial	1	4
Apachean Grassland and Savanna Condition Class A		Terrestrial	1	7
Apachean Grassland and Savanna Condition Class A&B		Terrestrial	1	7
Apachean Grassland and Savanna Condition Class B		Terrestrial	1	7
Apachean Shrubland		Terrestrial	1	7
Aspen Forest		Terrestrial	2	1,4
Desert Grassland And Shrub-Steppe		Terrestrial	2	1,9
Desert Wash		Aquatic/Riparian	1	7
Greasewood Shrubland		Terrestrial	1	9
Interior Chaparral		Terrestrial	1	7

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas[A]
Little Colorado River Headwater and creek, low and intermediate, intermittent		Aquatic/Riparian	2	1,9
Little Colorado River Headwater and creek, low and intermediate, perennial		Aquatic/Riparian	1	1
Little Colorado River Headwater and creek, montane and above, intermittent		Aquatic/Riparian	2	1,9
Little Colorado River Large and extra large river, low and intermediate, perennial		Aquatic/Riparian	1	9
Little Colorado River Small and medium river, low and intermediate, intermittent		Aquatic/Riparian	1	9
Little Colorado River Small and medium river, low and intermediate, perennial		Aquatic/Riparian	1	9
Madrean Encinal		Terrestrial	1	7
Mixed Salt Desert Scrub		Terrestrial	1	9
Montane Mixed Forest		Terrestrial	4	1,3,4,7
Montane Riparian Woodland and Shrubland		Aquatic/Riparian	1	7
Pinyon-Juniper Woodland		Terrestrial	2	1,7
Playa		Aquatic/Riparian	1	7
Ponderosa Pine Forest and Woodland		Terrestrial	2	1,7
Riparian Woodland		Aquatic/Riparian	1	7
Scrub Oak		Terrestrial	1	1
Semi-desert grassland		Terrestrial	1	9
Sonoran Desert Scrub		Terrestrial	1	7
Features				
Lake and wetland habitat for migratory waterfowl, shorebirds		Aquatic/Riparian	1	1
Natural Lakes		Aquatic/Riparian	1	5
Pronghorn summer range		Terrestrial	1	1
Riparian habitat and watershed, springs.		Aquatic/Riparian	2	3,8
Sagebrush Steppe		Aquatic/Riparian	1	9
Springs		Aquatic/Riparian	1	2
Wetland, grassland mosaic. Ephemeral.		Aquatic/Riparian	1	1

1 = Anderson/Diablo Canyons, 2 = Dry Beaver Creek, 3 = Mogollon Canyons Complex, 4 = San Francisco Peaks, 5 = Stoneman Lake, 6 = Sycamore & Oak Creek Canyons, 7 = Upper Verde River Watershed, 8 = Wet Beaver Creek, 9 = Wupatki/Painted Desert

Appendix 8-C. Conservation targets associated with nine conservation areas that overlap the Coconino National Forest in Arizona.

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
Anderson/Diablo Canyons					
Amphibian	*Bufo microscaphus microscaphus*		Aquatic/Riparian	G3	
	Hyla wrightorum	Mountain Treefrog	Aquatic/Riparian	G4	
	Rana chiricahuensis	Chiricahua Leopard Frog	Aquatic/Riparian	G3	LT
Bird	*Accipiter gentilis*	Northern Goshawk	Terrestrial	G5	
	Strix occidentalis lucida	Mexican Spotted Owl	Terrestrial	G3	LT
Fish	*Catostomus sp 3*	Little Colorado Sucker	Aquatic/Riparian	G2	SC
	Gila robusta	Roundtail Chub	Aquatic/Riparian	G3	PS
	Rhinichthys osculus	Speckled Dace	Aquatic/Riparian	G5	PS
Mammal	*Mustela frenata arizonensis*		Terrestrial	GU	
	Myotis lucifugus occultus		Terrestrial	G3	
Plant-Vascular	*Botrychium crenulatum*	Crenulate Moonwort	Terrestrial	G3	
	Hedeoma diffusum		Terrestrial	G3	
	Potentilla multifoliolata		Terrestrial	G4	
	Senecio franciscanus	San Franciso Peaks Groundsel	Terrestrial	G1	LT
Community	Ponderosa Pine Forest Community (7 specific types)		Terrestrial	GU	
Ecological System	Aspen forest		Terrestrial	GU	
	Desert grassland and shrub-steppe		Terrestrial	GU	
	Little Colorado River Headwater and creek, low and intermediate, intermittent		Aquatic/Riparian	GU	
	Little Colorado River Headwater and creek, low and intermediate, perennial		Aquatic/Riparian	GU	
	Little Colorado River Headwater and creek, montane and above, intermittent		Aquatic/Riparian	GU	
	Montane Mixed Forest		Terrestrial	GU	
	Pinyon-Juniper Woodland		Terrestrial	GU	
	Ponderosa Pine Forest and Woodland		Terrestrial	GU	
	Scrub Oak		Terrestrial	GU	
Feature	Lake and wetland habitat for migratory waterfowl, shorebirds		Aquatic/Riparian	G4	
	Pronghorn summer range		Terrestrial	G4	
	Wetland, grassland mosaic. Ephemeral.		Aquatic/Riparian	G4	
Dry Beaver Creek					
Feature	Springs	Springs	Aquatic/Riparian	G4	
Mogollon Canyons Complex					
Amphibian	*Bufo microscaphus microscaphus*		Aquatic/Riparian	G3	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
	Hyla wrightorum	Mountain Treefrog	Aquatic/Riparian	G4	
	Rana chiricahuensis	Chiricahua Leopard Frog	Aquatic/Riparian	G3	LT
	Rana yavapaiensis	Yavapi Leopard Frog	Aquatic/Riparian	G4	
Bird	*Accipiter gentilis*	Northern Goshawk	Terrestrial	G5	
	Strix occidentalis lucida	Mexican Spotted Owl	Terrestrial	G3	LT
Fish	*Catostomus clarki*	Desert Sucker	Aquatic/Riparian	G3	SC
	Catostomus insignis	Sonora Sucker	Aquatic/Riparian	G3	SC
	Catostomus sp 3	Little Colorado Sucker	Aquatic/Riparian	G2	SC
	Gila robusta	Roundtail Chub	Aquatic/Riparian	G3	PS
	Lepidomeda vittata	Little Colorado Spinedace	Aquatic/Riparian	G1	LT
Insect	*Cicindela oregona maricopa*	Maricopa Tiger Beetle	Aquatic/Riparian	G3	
Reptile	*Cnemidophorus flagellicaudus*	Gila Spotted Whiptail	Terrestrial	G4	
	Lampropeltis pyromelana	Sonoran Mountain Kingsnake	Terrestrial	G5	
	Thamnophis rufipunctatus	Narrowhead Garter Snake	Aquatic/Riparian	G3	
Plant-Vascular	*Cimicifuga arizonica*	Arizona Bugbane	Aquatic/Riparian	G2	
	Cirsium parryi ssp mogollonicum		Terrestrial	G1	
	Erigeron saxatilis		Terrestrial	G3	
	Heuchera eastwoodiae	Senator Mine Allum-Root	Terrestrial	G3	
	Potentilla multifoliolata		Terrestrial	G4	
	Rumex orthoneurus	Bloomer's Dock	Aquatic/Riparian	G3	
Community	Ponderosa Pine Forest Community (7 specific types)		Terrestrial	GU	
	Subalpine Forest Community (specific)		Terrestrial	GU	
	White Fir Forest Community (6 specific types)		Terrestrial	GU	
Ecological System	Montane Mixed Forest		Terrestrial	GU	
Feature	Riparian habitat and watershed, springs.		Aquatic/Riparian	G4	
San Francisco Peaks					
Amphibian	*Hyla wrightorum*	Mountain Treefrog	Aquatic/Riparian	G4	
Bird	*Accipiter gentilis*	Northern Goshawk	Terrestrial	G5	
	Strix occidentalis lucida	Mexican Spotted Owl	Terrestrial	G3	LT
Mammal	*Cynomys gunnisoni*	Gunnison's Prairie Dog	Terrestrial	G5	
	Mustela frenata arizonensis		Terrestrial	GU	
	Myotis lucifugus occultus		Terrestrial	G3	
	Sorex nanus	Dwarf Shrew	Terrestrial	G4	
Plant-Vascular	*Astragalus troglodytus*		Terrestrial	G2	
	Botrychium crenulatum	Crenulate Moonwort	Terrestrial	G3	
	Chrysothamnus molestus	Arizona Rabbit-Brush	Terrestrial	G3	
	Erigeron saxatilis		Terrestrial	G3	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
	Gentiana barbellata	Perennial Fringed Gentian	Terrestrial	G3	
	Hymenoxys helenioides		Terrestrial	G3	
	Penstemon clutei	A Beardtongue	Terrestrial	G2	
	Phacelia serrata	Serrate Phacelia	Terrestrial	G3	
	Pinus aristata		Terrestrial	G3	
	Potentilla multifoliolata		Terrestrial	G4	
	Senecio franciscanus	San Franciso Peaks Groundsel	Terrestrial	G1	LT
	Talinum validulum	Western Flame Flower	Terrestrial	G3	
Community	Douglas Fir Forest Community (specific)		Terrestrial	GU	
	Ponderosa Pine Forest Community (8 specific types)		Terrestrial	GU	
Ecological System	Alpine Tundra		Terrestrial	G4	
	Aspen Forest		Terrestrial	GU	
	Montane Mixed Forest		Terrestrial	GU	
Stoneman Lake					
Plant-Vascular	*Cirsium parryi ssp mogollonicum*		Terrestrial	G1	
	Potentilla multifoliolata		Terrestrial	G4	
Community	Ponderosa Pine Forest Community (specific)		Terrestrial	GU	
Feature	Natural Lakes		Aquatic/Riparian	G4	
Sycamore & Oak Creek Canyons					
Amphibian	*Hyla wrightorum*	Mountain Treefrog	Aquatic/Riparian	G4	
	Rana yavapaiensis	Yavapi Leopard Frog	Aquatic/Riparian	G4	
Bird	*Accipiter gentilis*	Northern Goshawk	Terrestrial	G5	
	Strix occidentalis lucida	Mexican Spotted Owl	Terrestrial	G3	LT
Fish	*Gila robusta*	Roundtail Chub	Aquatic/Riparian	G3	PS
Insect	*Metrichia volada*		Aquatic/Riparian	GU	
Mammal	*Mustela frenata arizonensis*		Terrestrial	GU	
	Myotis lucifugus occultus		Terrestrial	G3	
Reptile	*Lampropeltis pyromelana*	Sonoran Mountain Kingsnake	Terrestrial	G5	
	Thamnophis eques megalops	Mexican Garter Snake	Aquatic/Riparian	G3	
	Thamnophis rufipunctatus	Narrowhead Garter Snake	Aquatic/Riparian	G3	
Plant-Vascular	*Astragalus troglodytus*		Terrestrial	G2	
	Cimicifuga arizonica	Arizona Bugbane	Aquatic/Riparian	G2	
	Erigeron saxatilis		Terrestrial	G3	
	Hedeoma diffusum		Terrestrial	G3	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
	Heuchera eastwoodiae	Senator Mine Allum-Root	Terrestrial	G3	
	Potentilla multifoliolata		Terrestrial	G4	
	Salvia dorrii ssp mearnsii		Terrestrial	G3	
	Talinum validulum	Western Flame Flower	Terrestrial	G3	
Community	Ponderosa Pine Forest Community (5 specific types)		Terrestrial	GU	
Upper Verde River Watershed					
Amphibian	*Bufo microscaphus microscaphus*		Aquatic/Riparian	G3	
	Hyla wrightorum	Mountain Treefrog	Aquatic/Riparian	G4	
	Rana chiricahuensis	Chiricahua Leopard Frog	Aquatic/Riparian	G3	LT
	Rana pipiens	Northern Leopard Frog	Aquatic/Riparian	G5	
	Rana yavapaiensis	Yavapi Leopard Frog	Aquatic/Riparian	G4	
Bird	*Accipiter gentilis*	Northern Goshawk	Terrestrial	G5	
	Buteogallus anthracinus	Common Black-Hawk	Aquatic/Riparian	G4	
	Ceryle alcyon	Belted Kingfisher	Aquatic/Riparian	G5	
	Coccyzus americanus occidentalis	Western Yellow-Billed Cuckoo	Aquatic/Riparian	G3	C
	Empidonax traillii extimus	Southwest Willow Flycatcher	Aquatic/Riparian	G2	LE
	Falco peregrinus anatum	American Peregrine Falcon	Terrestrial	G3	
	Haliaeetus leucocephalus	Bald Eagle	Terrestrial	G4	PS
	Strix occidentalis lucida	Mexican Spotted Owl	Terrestrial	G3	LT
Fish	*Agosia chrysogaster*	Longfin Dace	Aquatic/Riparian	G4	SC
	Catostomus clarki	Desert Sucker	Aquatic/Riparian	G3	SC
	Catostomus insignis	Sonora Sucker	Aquatic/Riparian	G3	SC
	Gila intermedia	Gila Chub	Aquatic/Riparian	G2	PE
	Gila robusta	Roundtail Chub	Aquatic/Riparian	G3	PS
	Meda fulgida	Spikedace	Aquatic/Riparian	G2	LT
	Poeciliopsis occidentalis occidentalis	Gila Topminnow Infraspecific.	Aquatic/Riparian	G3	LE
	Rhinichthys osculus	Speckled Dace	Aquatic/Riparian	G5	PS
Insect	*Abedus herberti*	Giant Water Bug	Aquatic/Riparian	GU	
	Cicindela oregona maricopa	Maricopa Tiger Beetle	Aquatic/Riparian	G3	
	Cylloepus parkeri	Parker's Cylloepus Riffle Beetle	Aquatic/Riparian	G1	
	Metrichia volada		Aquatic/Riparian	GU	
Mammal	*Antilocapra americana*	Pronghorn	Terrestrial	G5	
	Myotis lucifugus occultus		Terrestrial	G3	
	Myotis thysanodes	Fringed Myotis Bat	Terrestrial	G4	
	Nyctinomops macrotis	Big Free-Tailed Bat	Terrestrial	G5	
	Sciurus arizonensis	Arizona Gray Squirrel	Terrestrial	G4	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
	Ursus americanus	Black Bear	Terrestrial	G5	
Mollusk	*Pyrgulopsis montezumensis*	Montezuma Well Springsnail	Aquatic/Riparian	G1	
	Pyrgulopsis morrisoni	Page Springsnail	Aquatic/Riparian	G1	C
	Pyrgulopsis simplex	Fossil Springsnail	Aquatic/Riparian	G1	
	Pyrgulopsis sola	Brown Springsnail	Aquatic/Riparian	G1	
Reptile	*Thamnophis eques megalops*	Mexican Garter Snake	Aquatic/Riparian	G3	
	Thamnophis rufipunctatus	Narrowhead Garter Snake	Aquatic/Riparian	G3	
Plant-Vascular	*Agave delamateri*	Tonto Basin Agave	Terrestrial	G2	
	Carex ultra	Cochise Sedge	Aquatic/Riparian	G3	
	Erigeron anchana		Terrestrial	G2	
	Eriogonum apachense		Terrestrial	G1	
	Eriogonum ripleyi	Ripley's Wild Buckwheat	Terrestrial	G2	
	Hymenoxys jamesii		Terrestrial	G2	
	Penstemon nudiflorus	Flagstaff Beardtongue	Terrestrial	G2	
	Purshia subintegra	Arizona Cliff Rose	Terrestrial	G1	LE
	Rumex orthoneurus	Bloomer's Dock	Aquatic/Riparian	G3	
	Salvia dorrii ssp mearnsii		Terrestrial	G3	
	Talinum validulum	Western Flame Flower	Terrestrial	G3	
Community	Cienega		Aquatic/Riparian	GU	
	Cienega		Aquatic/Riparian	GU	
Ecological System	Apachean Grassland and Savanna Condition Class A		Terrestrial	GU	
	Apachean Grassland and Savanna Condition Class A&B		Terrestrial	GU	
	Apachean Grassland and Savanna Condition Class B		Terrestrial	GU	
	Apachean Shrubland		Terrestrial	GU	
	Desert Wash		Aquatic/Riparian	GU	
	Interior Chaparral		Terrestrial	GU	
	Madrean Encinal		Terrestrial	GU	
	Montane Mixed Forest		Terrestrial	GU	
	Montane Riparian Woodland and Shrubland		Aquatic/Riparian	GU	
	Pinyon-Juniper Woodland		Terrestrial	GU	
	Playa		Aquatic/Riparian	GU	
	Ponderosa Pine Forest and Woodland		Terrestrial	GU	
	Riparian Woodland		Aquatic/Riparian	GU	
	Sonoran Desert Scrub		Terrestrial	GU	
Wet Beaver Creek					
Plant-Vascular	*Astragalus troglodytus*		Terrestrial	G2	