

Appendix 6-A. Plants and animals of the Kaibab 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^A	NatureServe Common Name^A	Potential Species List^B	G-rank	N-rank	AZ S-rank	ESA Status	AZ State Status^C	AZ CWCS^D	Birds of Conserv. Concern^E	Partners in Flight Watch List^F
Ambystoma tigrinum	Tiger Salamander		G5	N5	S5					
Bufo cognatus	Great Plains Toad		G5	N5	S5					
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		
Pseudacris triseriata	Western Chorus Frog	SOI	G5	N5	S5			X		
Rana catesbeiana	Bullfrog		G5	N5	SNA					
Rana pipiens	Northern Leopard Frog	SOI	G5	N5	S2		WSC	X		
Spea hammondi	Western Spadefoot	SOC	G3	N3						
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 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		
Aimophila cassinii	Cassin's Sparrow	SOI	G5	N4N	S4			X	X	
Aimophila ruficeps	Rufous-Crowned Sparrow	SOI	G5	N5	S4			X		
Aix sponsa	Wood Duck	SOI	G5	N5B	S2B S3N			X		
Alectoris chukar	Chukar	SOI	G5	NNA	SNA			X		
Ammodramus bairdii	Baird's Sparrow	SOI	G4	N3B,N2N	S2N		WSC	X	X	X
Ammodramus savannarum	Grasshopper Sparrow		G5	N5B	S3					
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		

^A NatureServe common and scientific names are used unless highlighted in bold.

^B TE = Listed as Threatened or Endangered under the Endangered Species Act, SOC = potential species-of-concern, SOI = potential species-of-interest

^C HS = Highly Safeguarded, SR = salvage restricted, WSC= Wildlife of Special Concern

^D Listed as priority species in the Arizona Comprehensive Wildlife Conservation Strategy

^E Birds of Conservation Concern National Priority List

^F Partners in Flight Watch List Category

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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 platyrhynchos	Mallard	SOI	G5	N5B	S5			X		
Anas strepera	Gadwall	SOI	G5	N5B	S5			X		
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 herodias	Great Blue Heron		G5	N5B	S5					
Asio otus	Long-Eared Owl	SOI	G5	N5B	S2B S3S4N					
Athene cucularia 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						
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					
Bucephala albeola	Bufflehead	SOI	G5	N5B	S5N			X		
Bucephala clangula	Common Goldeneye	SOI	G5	N5B	S5N			X		
Buteo albonotatus	Zone-Tailed Hawk	SOI	G4	N4B	S4			X		
Buteo jamaicensis	Red-Tailed Hawk		G5	N5B	S5					
Buteo lineatus	Red-Shouldered Hawk	SOI	G5	N5B				X		
Buteo platypterus	Broad-Winged Hawk	SOI	G5	N5B				X		
Buteo regalis	Ferruginous Hawk	SOI	G4	N4B	S2B S4N		WSC	X	X	

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Buteo swainsoni	Swainson's Hawk	SOI	G5	N5B	S3			X		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 mauri	Western Sandpiper	SOI	G5	N5B	S1N			X		
Calidris minutilla	Least Sandpiper	SOI	G5	N5B	S5N			X		
Callipepla gambelii	Gambel's Quail		G5	N5	S5					
Calypte costae	Costa's Hummingbird	SOI	G5	N5B,N4N	S5			X		X
Campylorhynchus brunneicapillus	Cactus Wren		G5	N5	S5					
Caprimulgus vociferus	Whip-Poor-Will	SOI	G5	N5B, NNRN	S4			X		
Cardellina rubrifrons	Red-Faced Warbler	SOI	G5	N4B	S4			X	X	X
Cardinalis cardinalis	Northern Cardinal		G5	N5	S5					
Carduelis pinus	Pine Siskin		G5	N5	S5					
Carduelis psaltria	Lesser Goldfinch	SOI	G5	N5	S5			X		
Carduelis tristis	American Goldfinch	SOI	G5	N5	S1B S5N					
Carpodacus cassinii	Cassin's Finch	SOI	G5	N5	S4			X		
Carpodacus mexicanus	House Finch	SOI	G5	N5	S5			X		
Carpodacus purpureus	Purple Finch	SOI	G5	N5B	S1S2N			X		
Cathartes aura	Turkey Vulture	SOI	G5	N5B	S5			X		
Catharus guttatus	Hermit Thrush	SOI	G5	N5	S5			X		
Catharus ustulatus	Swainson's Thrush	SOI	G5	N5B	S1			X		
Catherpes mexicanus	Canyon Wren	SOI	G5	N5	S5			X		
Catoptrophorus semipalmatus	Willet	SOI	G5	N5B	SNA			X		
Certhia americana	Brown Creeper	SOI	G5	N5	S5			X		
Ceryle alcyon	Belted Kingfisher	SOI	G5	N5B	S2B S5N		WSC	X		
Charadrius vociferus	Killdeer	SOI	G5	N5B	S5			X		
Chondestes grammacus	Lark Sparrow	SOI	G5	N5B	S5			X		
Chordeiles acutipennis	Lesser Nighthawk	SOI	G5	N5B	S5			X		
Chordeiles minor	Common Nighthawk	SOI	G5	N5B	S5			X		
Cinclus mexicanus	American Dipper	SOI	G5	N5	S3			X		
Circus cyaneus	Northern Harrier	SOI	G5	N5B	S1S2B S5N			X	X	
Cistothorus palustris	Marsh Wren	SOI	G5	N5B	S2B S3S4N			X		

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<i>Coccythraustes vespertinus</i>	Evening Grosbeak	SOI	G5	N5	S3			X		
<i>Colaptes auratus</i>	Northern Flicker	SOI	G5	N5B	S5			X		
<i>Columba livia</i>	Rock Dove		G5	NNA	SNA					
<i>Contopus cooperi</i>	Olive-Sided Flycatcher	SOI	G4	N4B	S4			X		X
<i>Contopus pertinax</i>	Greater Pewee	SOI	G5	N4B	S4			X	X	
<i>Contopus sordidulus</i>	Western Wood-Pewee	SOI	G5	N5B	S5			X		
<i>Corvus brachyrhynchos</i>	American Crow	SOI	G5	N5B	S5			X		
<i>Corvus corax</i>	Common Raven	SOI	G5	N5	S5			X		
<i>Cyanocitta stelleri</i>	Steller's Jay	SOI	G5	N5	S5			X		
<i>Dendragapus obscurus</i>	Blue Grouse	SOI	G5	N5	S3			X		X
<i>Dendroica coronata</i>	Yellow-Rumped Warbler	SOI	G5	N5B	S5			X		
<i>Dendroica graciae</i>	Grace's Warbler	SOI	G5	N5B	S5			X	X	X
<i>Dendroica nigrescens</i>	Black-Throated Gray Warbler	SOI	G5	N5B	S5			X	X	
<i>Dendroica occidentalis</i>	Hermit Warbler	SOI	G4	N4N5B, NNRN	SNA			X		X
<i>Dendroica petechia</i>	Yellow Warbler	SOI	G5	N5B	S4			X		
<i>Dendroica townsendi</i>	Townsend's Warbler	SOI	G5	N5B	SNA			X		
<i>Egretta thula</i>	Snowy Egret	SOI	G5	N5B	S1B S4N		WSC	X		
<i>Empidonax hammondii</i>	Hammond's Flycatcher	SOI	G5	N5B	S1B S2S3N			X		
<i>Empidonax oberholseri</i>	Dusky Flycatcher	SOI	G5	N5B	S4			X		
<i>Empidonax occidentalis</i>	Cordilleran Flycatcher	SOI	G5	N5B	S4			X		
<i>Empidonax traillii</i>	Willow Flycatcher	SOI	G5	N5B	S1		WSC	X		X
<i>Empidonax wrightii</i>	Gray Flycatcher	SOI	G5	N5B	S5			X		
<i>Eremophila alpestris</i>	Horned Lark	SOI	G5	N5B	S5			X		
<i>Euphagus cyanocephalus</i>	Brewer's Blackbird	SOI	G5	N5B	S5			X		
<i>Falco columbarius</i>	Merlin	SOI	G5	N4B	SNRN			X		
<i>Falco mexicanus</i>	Prairie Falcon	SOI	G5	N5B	S4			X		
<i>Falco peregrinus anatum</i>	American Peregrine Falcon	SOC	T3	N3B	S4		WSC	X	X	
<i>Falco sparverius</i>	American Kestrel	SOI	G5	N5B	S5			X		
<i>Fulica americana</i>	American Coot		G5	N5B	S5					
<i>Gallinago delicata</i>	Wilson's Snipe	SOI	G5	N5B	S1B S4N			X		
<i>Gavia immer</i>	Common Loon	SOI	G5	N4B,N5N	S2N			X		
<i>Geococcyx californianus</i>	Greater Roadrunner		G5	N5	S5					
<i>Geothlypis trichas</i>	Common Yellowthroat	SOI	G5	N5	S4			X		

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<i>Glaucidium gnoma californicum</i>	Northern Pygmy Owl		T4	N4N5						
<i>Gymnogyps californianus</i>	California Condor	TE	G1	N1	SX	E	WSC	X		X
<i>Gymnorhinus cyanocephalus</i>	Pinyon Jay		G5	N5	S5					X
<i>Haliaeetus leucocephalus</i>	Bald Eagle	TE	G4	N5B	S2S3B S4N	T	WSC	X		
<i>Himantopus mexicanus</i>	Black-Necked Stilt	SOI	G5	N5B	S2					
<i>Hirundo rustica</i>	Barn Swallow	SOI	G5	N5B	S5			X		
<i>Icteria virens</i>	Yellow-Breasted Chat	SOI	G5	N5B	S4			X		
<i>Icterus bullockii</i>	Bullock's Oriole	SOI	G5	N5B	SNRB			X		
<i>Icterus cucullatus</i>	Hooded Oriole	SOI	G5	N5B	S5			X		
<i>Icterus galbula</i>	Baltimore Oriole		G5	N5B						
<i>Icterus parisorum</i>	Scott's Oriole	SOI	G5	N5B	S5			X		
<i>Junco hyemalis</i>	Dark-Eyed Junco	SOI	G5	N5	S5			X		
<i>Junco hyemalis caniceps</i>	Gray-Headed Junco		T5	N5B						
<i>Lanius excubitor</i>	Northern Shrike	SOI	G5	N4B,N5N	S2N			X		
<i>Lanius ludovicianus</i>	Loggerhead Shrike	SOI	G4	N4	S4			X	X	
<i>Larus delawarensis</i>	Ring-Billed Gull	SOI	G5	N5B	S5N			X		
<i>Larus pipixcan</i>	Franklin's Gull	SOI	G4	N4B	SNA			X		
<i>Leucosticte atrata</i>	Black Rosy Finch		G4	N4						X
<i>Limnodromus scolopaceus</i>	Long-Billed Dowitcher	SOI	G5	N5B	S3S4N			X		
<i>Loxia curvirostra</i>	Red Crossbill		G5	N5	S4					
<i>Megascops kennicottii</i>	Western Screech Owl	SOI	G5	N5	S5			X		
<i>Melanerpes formicivorus</i>	Acorn Woodpecker	SOI	G5	N5	S5			X		
<i>Melanerpes lewis</i>	Lewis's Woodpecker	SOI	G4	N4B	S4			X	X	X
<i>Meleagris gallopavo</i>	Wild Turkey		G5	N5	S5					
<i>Melospiza lincolnii</i>	Lincoln's Sparrow	SOI	G5	N5B	S3B S5N			X		
<i>Melospiza melodia</i>	Song Sparrow	SOI	G5	N5	S5			X		
<i>Mergus merganser</i>	Common Merganser Duck	SOI	G5	N5B	S3S4			X		
<i>Mimus polyglottos</i>	Northern Mockingbird	SOI	G5	N5	S5			X		
<i>Molothrus ater</i>	Brown-Headed Cowbird	SOI	G5	N5	S5			X		
<i>Myadestes townsendi</i>	Townsend's Solitaire	SOI	G5	N5	S5			X		
<i>Myiarchus cinerascens</i>	Ash-Throated Flycatcher	SOI	G5	N5B	S5			X		
<i>Myiarchus tyrannulus</i>	Brown-Crested Flycatcher	SOI	G5	N4B	S4			X		
<i>Myioborus pictus</i>	Painted Redstart	SOI	G5	N4B	S4			X		
<i>Nucifraga columbiana</i>	Clark's Nutcracker	SOI	G5	N5	S5			X		

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Numenius americanus	Long-Billed Curlew	SOI	G5	N5B	S1B S3S4N				X	
Nycticorax nycticorax	Black-Crowned Night Heron	SOI	G5	N5B	S3			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			
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 cyanea	Indigo Bunting	SOI	G5	N5B	S3			X		
Patagioenas fasciata	Band-Tailed Pigeon	SOI	G4	N4B	S5			X		X
Petrochelidon fulva	Cave Swallow		G5	N4B						
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		
Phalaropus tricolor	Wilson's Phalarope	SOI	G5	N5B	S1B S5N			X	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 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		

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<i>Plegadis chihi</i>	White-Faced Ibis	SOI	G5	N4B	SNRB S2S3N			X		
<i>Podiceps nigricollis</i>	Eared Grebe	SOI	G5	N5B	S3B S5N			X		
<i>Podilymbus podiceps</i>	Pied-Billed Grebe	SOI	G5	N5B	S5			X		
<i>Poecile gambeli</i>	Mountain Chickadee	SOI	G5	N5	S5			X		
<i>Poliophtila caerulea</i>	Blue-Gray Gnatcatcher	SOI	G5	N5B	S5			X		
<i>Poocetes gramineus</i>	Vesper Sparrow	SOI	G5	N5B	S5			X		
<i>Porzana carolina</i>	Sora	SOI	G5	N5B	S4			X		
<i>Progne subis</i>	Purple Martin	SOI	G5	N5B	S4			X		
<i>Psaltriparus minimus</i>	Bushtit		G5	N5	S5					
<i>Quiscalus mexicanus</i>	Great-Tailed Grackle	SOI	G5	N5	S5			X		
<i>Rallus limicola</i>	Virginia Rail	SOI	G5	N5B	S4			X		
<i>Recurvirostra americana</i>	American Avocet	SOI	G5	N5B	S2			X		
<i>Regulus calendula</i>	Ruby-Crowned Kinglet	SOI	G5	N5B	S5			X		
<i>Regulus satrapa</i>	Golden-Crowned Kinglet	SOI	G5	N5	S3			X		
<i>Riparia riparia</i>	Bank Swallow	SOI	G5	N5B	SNR			X		
<i>Salpinctes obsoletus</i>	Rock Wren	SOI	G5	N5	S5			X		
<i>Sayornis nigricans</i>	Black Phoebe	SOI	G5	N5	S5			X		
<i>Sayornis saya</i>	Say's Phoebe	SOI	G5	N4N	S5			X		
<i>Selasphorus platycercus</i>	Broad-Tailed Hummingbird	SOI	G5	N5B	S5			X		
<i>Selasphorus rufus</i>	Rufous Hummingbird	SOI	G5	N5B	SNA			X		X
<i>Sialia currucoides</i>	Mountain Bluebird	SOI	G5	N5	S5			X		
<i>Sialia mexicana</i>	Western Bluebird	SOI	G5	N5	S5			X		
<i>Sitta canadensis</i>	Red-Breasted Nuthatch		G5	N5	S4					
<i>Sitta carolinensis</i>	White-Breasted Nuthatch		G5	N5	S5					
<i>Sitta pygmaea</i>	Pygmy Nuthatch		G5	N5	S5					
<i>Sphyrapicus nuchalis</i>	Red-Naped Sapsucker	SOI	G5	N5B	S4			X		
<i>Sphyrapicus thyroideus</i>	Williamson's Sapsucker		G5	N5B	S4					
<i>Spizella arborea</i>	American Tree Sparrow	SOI	G5	N5B	S1N					
<i>Spizella atrogularis</i>	Black-Chinned Sparrow	SOI	G5	N5	S5			X	X	X
<i>Spizella breweri</i>	Brewer's Sparrow	SOI	G5	N5B	S5			X		X
<i>Spizella passerina</i>	Chipping Sparrow	SOI	G5	N5B	S5			X		
<i>Stelgidopteryx serripennis</i>	Northern Rough-Winged Swallow	SOI	G5	N5B	S5			X		
<i>Stellula calliope</i>	Calliope Hummingbird	SOI	G5	N5B	SNA			X		X
<i>Sterna caspia</i>	Caspian Tern	SOI	G5	N4N5B,	S1N			X		

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				N4N						
<i>Sterna forsteri</i>	Forster's Tern	SOI	G5	N5B	S2N			X		
<i>Sterna hirundo</i>	Common Tern	SOI	G5	N5B				X		
<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	TE	T3	N3	S3S4	T	WSC	X		
<i>Sturnella magna</i>	Eastern Meadowlark	SOI	G5	N5	S5			X		
<i>Sturnella neglecta</i>	Western Meadowlark	SOI	G5	N5	S5			X		
<i>Sturnus vulgaris</i>	European Starling		G5	NNA	SNA					
<i>Tachycineta bicolor</i>	Tree Swallow	SOI	G5	N5B	S3			X		
<i>Tachycineta thalassina</i>	Violet-Green Swallow	SOI	G5	N5B	S5			X		
<i>Thryomanes bewickii</i>	Bewick's Wren		G5	N5B	S5					
<i>Toxostoma crissale</i>	Crissal Thrasher	SOI	G5	N5	S5			X	X	
<i>Toxostoma rufum</i>	Brown Thrasher	SOI	G5	N5	S1N					
<i>Tringa flavipes</i>	Lesser Yellowlegs	SOI	G5	N5B	SNA			X		
<i>Tringa melanoleuca</i>	Greater Yellowlegs	SOI	G5	N5B	S3N			X		
<i>Troglodytes aedon</i>	House Wren	SOI	G5	N5B	S5			X		
<i>Troglodytes troglodytes</i>	Winter Wren	SOI	G5	N5	S2S3N			X		
<i>Turdus migratorius</i>	American Robin	SOI	G5	N5	S5			X		
<i>Tyrannus verticalis</i>	Western Kingbird	SOI	G5	N5B	S5			X		
<i>Tyrannus vociferans</i>	Cassin's Kingbird	SOI	G5	N5B	S5			X		
<i>Tyto alba</i>	Barn Owl		G5	N5	S5					
<i>Vermivora celata</i>	Orange-Crowned Warbler	SOI	G5	N5B	S3B S5N			X		
<i>Vermivora luciae</i>	Lucy's Warbler	SOI	G5	N5B	S5			X		
<i>Vermivora ruficapilla</i>	Nashville Warbler	SOI	G5	N5B	SNA			X		
<i>Vermivora virginiae</i>	Virginia's Warbler	SOI	G5	N5B	S5			X		X
<i>Vireo bellii arizonae</i>	Arizona Bell's Vireo	SOI	T4	N4B	S4				X	
<i>Vireo gilvus</i>	Warbling Vireo	SOI	G5	N5B	S5			X		
<i>Vireo plumbeus</i>	Plumbeus Vireo	SOI	G5	N5B	S5			X		
<i>Vireo vicinior</i>	Gray Vireo	SOI	G4	N4B	S4			X	X	X
<i>Wilsonia pusilla</i>	Wilson's Warbler	SOI	G5	N5B	SNA			X		
<i>Xanthocephalus xanthocephalus</i>	Yellow-Headed Blackbird	SOI	G5	N5B	S5			X		
<i>Zenaida macroura</i>	Mourning Dove	SOI	G5	N5	S5			X		
<i>Zonotrichia leucophrys</i>	White-Crowned Sparrow	SOI	G5	N5B	S1B S5N			X		
Meleagris gallopavo mexicana	Gould's Wild Turkey	SOI						X		
<i>Oncorhynchus gilae apache</i>	Apache Trout Intraspecific.	TE	T3	N3	S3	T	WSC	X		

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Myotis evotis evotis	Long-eared Myotis									
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		
Chaetodipus formosus	Long-Tailed Pocket Mouse		G5	N5	S5					
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 merriami	Merriam's Kangaroo Rat	SOI	G5	N5	S5			X		
Dipodomys microps celsus	Chisel-Toothed Kangaroo Rat	SOI	T4	N4	S3			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		
Euderma maculatum	Spotted Bat	SOI	G4	N3N4	S1S2		WSC	X		
Eumops perotis californicus	Greater Western Mastiff Bat	SOI	T4	N3	S1S2			X		
Idionycteris phyllotis	Allen's Big-Eared Bat	SOC	G3	N3N4	S2S3					
Lasionycteris noctivagans	Silver-Haired Bat		G5	N5	S3S4					
Lasiurus borealis	Eastern Red Bat		G5	N5						
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 longicaudus leucophaeus	White-Bellied Long-Tailed Vole	SOC	T3	N3	S3			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					

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Myotis californicus	California Myotis Bat	SOI	G5	N5	S4S5			X		
Myotis ciliolabrum	Western Small-Footed Myotis Bat		G5	N5	S3					
Myotis evotis	Long-Eared Myotis Bat		G5	N5	S3S4					
Myotis occultus	Occult Little Brn. Myotis Bat	SOC	G3	N3N4	S3			X		
Myotis thysanodes	Fringed Myotis Bat		G4	N4N5	S3S4					
Myotis velifer	Cave Myotis Bat		G5	N4	S4					
Myotis yumanensis	Yuma Myotis Bat		G5	N5	S3S4					
Nasua narica	White-Nosed Coati	SOI	G5	N4	S4			X		
Neotoma albigula	Western White-Throated Woodrat	SOI	G5	N5	S5			X		
Neotoma cinerea	Bushy-Tailed Wood Rat	SOI	G5	N5	S5			X		
Neotoma lepida	Desert Wood Rat		G5	N5	S5					
Neotoma mexicana	Mexican Wood Rat	SOI	G5	N5	S5			X		
Notiosorex crawfordi	Crawford's Desert Shrew	SOI	G5	N5	S4S5			X		
Nyctinomops macrotis	Big Free-Tailed Bat	SOI	G5	N3N4	S2S3			X		
Odocoileus hemionus	Mule Deer	SOI	G5	N5	S5			X		
Onychomys leucogaster	Northern Grasshopper Mouse		G5	N5	S5					
Ovis canadensis	Desert Bighorn Sheep	SOI	G4	N4	S4			X		
Ovis canadensis canadensis	Rocky Mountain Bighorn Sheep	SOI	T4	N4				X		
Ovis canadensis mexicana	Desert Bighorn Sheep	SOC	T3	N3N4	S3S4			X		
Pecari tajacu	Collared Peccary		G5	N5	S5					
Perognathus flavescens	Plains Pocket Mouse		G5	N5	S4					
Perognathus flavus	Silky Pocket Mouse		G5	N5	S5					
Perognathus longimembris	Little Pocket Mouse		G5	N5	S5					
Perognathus parvus	Great Basin Pocket Mouse		G5	N5	S4					
Peromyscus boylii	Brush Mouse	SOI	G5	N5	S5			X		
Peromyscus crinitus	Canyon Mouse		G5	N5	S4					
Peromyscus eremicus	Cactus 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		
Sciurus aberti	Abert's Squirrel	SOI	G5	N5	S5			X		

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Sciurus aberti kaibabensis	Kaibab Squirrel	SOC	T3	N3	S3			X		
Sorex merriami leucogenys	Merriam's Shrew	SOI	T5	N5				X		
Sorex nanus	Dwarf Shrew	SOI	G4	N4	S1S2			X		
Sorex vagrans	Vagrant Shrew		G5	N5						
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					
Sylvilagus nuttallii pinetis	Nuttall's Cottontail Rabbit	SOI	T5	N5	SNR			X		
Tadarida brasiliensis	Brazilian Free-Tailed Bat	SOI	G5	N5	S3S4			X		
Tamias cinereicollis	Gray-Collared Chipmunk		G4	N4	S4					
Tamias dorsalis	Cliff Chipmunk		G5	N5	S5					
Tamias minimus	Least Chipmunk		G5	N5	S4					
Tamias umbrinus	Uinta Chipmunk		G5	N5	S4					
Tamiasciurus hudsonicus	Red Squirrel	SOI	G5	N5	S5			X		
Taxidea taxus	American Badger	SOI	G5	N5	S5			X		
Thomomys talpoides	Northern Pocket Gopher		G5	N5	S4					
Urocyon cinereoargenteus	Gray Fox	SOI	G5	N5	S5			X		
Ursus americanus	Black Bear	SOI	G5	N5	S5			X		
Neotamias minimus consobrinus	Kaibab Least Chipmunk									
Thomomys talpoides kaibabensis	Kaibab Northern Pocket Gopher									
Neotamias minimus arizonensis	White Mountains Least Chipmunk									
Myotis ciliolabrum melanorhinus	Western Small Footed Myotis									
Myotis thysanodes thysanodes	Fringe-tailed Myotis									
Myotis volans interior	Long-legged Myotis									
Myotis yumanensis yumanensis										
Tadarida brasiliensis mexicana	Mexican Free-tailed Bat									
Actaea arizonica	Arizona Bugbane	SOC	G2	N2	S2		HS			
Arenaria aberrans	Mt. Dellenbaugh Sandwort	SOC	G3	N2N3	SNR					
Astragalus ampullarius	Gumbo Milkvetch	SOC	G2	N2	S1					
Astragalus cremnophylax var. hevronii	Hevron's Milkvetch	SOC	T1	N1	S1					

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<i>Astragalus cremnophylax</i> var. <i>myriorrhaphis</i>	Cliff Milkvetch	SOC	T1	N1	S1		SR			
<i>Astragalus rusbyi</i>	A Milkvetch	SOC	G3	N3	S3					
<i>Castilleja kaibabensis</i>	Kaibab Indian Paintbrush	SOC	G2	N2	S2					
<i>Chrysothamnus molestus</i>	Arizona Rabbit-Brush	SOC	G3	N3	S3					
<i>Clematis hirsutissima</i> var. <i>hirsutissima</i>	Clustered Leather Flower		T4	NNR	SNR					
<i>Erigeron saxatilis</i>	Rock Fleabane	SOC	G3	N3	S3					
<i>Eriogonum mortonianum</i>	Morton Wild Buckwheat	SOC	G1	N1	S1		SR			
<i>Eriogonum thompsoniae</i> var. <i>atwoodii</i>	Atwood Wild Buckwheat	SOC	T1	N1	S1		SR			
<i>Hedeoma diffusa</i>	Flagstaff Pennyroyal	SOC	G3	N3	S3		SR			
<i>Helianthus arizonensis</i>	Arizona Sunflower		G4	N4	SNR					
<i>Hymenoxys rusbyi</i>	Ruby's Bitterweed	SOC	G3	NNR	SNR					
<i>Pediocactus paradinei</i>	Park Pincushion Cactus	SOC	G2	N2	S2					
<i>Pediocactus peeblesianus</i> var. <i>fickeiseniae</i>	Fickeisen Hedgehog-Cactus	SOC	T1	N1N2	S1S2	C	HS			
<i>Penstemon distans</i>	Mt. Trumbull Beardtongue	SOC	G2	N2	S2		SR			
<i>Penstemon nudiflorus</i>	Flagstaff Beardtongue	SOC	G2	N2N3	S2S3					
<i>Penstemon ophianthus</i>	Arizona Beardtongue	SOC	G3	N3N4	S2					
<i>Rosa stellata</i> ssp. <i>abyssa</i>	Grand Canyon Rose	SOC	T2	NNR	S2		SR			
<i>Senecio bigelovii</i> var. <i>bigelovii</i>	Nodding Ragwort	SOC	T3	NNR	SNR					
<i>Talinum validulum</i>	Western Flame Flower	SOC	G3	N3	S3		SR			
<i>Aspidoscelis tigris</i>	Western Whiptail		G5	N5	S5					
<i>Aspidoscelis velox</i>	Plateau Striped Whiptail		G5	N5	S5					
<i>Crotalus molossus</i>	Blacktail Rattlesnake	SOI	G5	N5	S5			X		
<i>Crotalus viridis cerberus</i>	Arizona Black Rattlesnake	SOI	T5	N5	S5			X		
<i>Crotalus viridis lutosus</i>	Great Basin Rattlesnake		T5	N5	S4?					
<i>Crotaphytus collaris</i>	Collared Lizard		G5	N5	S5					
<i>Diadophis punctatus</i>	Ringneck Snake		G5	N5	S4					
<i>Elgaria kingii nobilis</i>	Arizona Alligator Lizard		T4	N4	SNR					
<i>Eumeces multivirgatus epipleurotus</i>	Variable Skink		T5	N4N5	SNR					
<i>Eumeces obsoletus</i>	Great Plains Skink		G5	N5	S5					
<i>Eumeces skiltonianus</i>	Western Skink	SOI	G5	N5	S2					
<i>Gambelia wislizenii</i>	Longnose Leopard Lizard		G5	N5	S5					
<i>Holbrookia maculata</i>	Lesser Earless Lizard		G5	N5	S5					

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<i>Hypsiglena torquata</i>	Night Snake		G5	N5	S5					
<i>Lampropeltis getula</i>	Common Kingsnake		G5	N5	S5					
<i>Lampropeltis pyromelana</i>	Sonoran Mountain Kingsnake	SOI	G5	N4	S4			X		
<i>Lampropeltis triangulum</i>	Milk Snake	SOI	G5	N5	S2					
<i>Masticophis taeniatus</i>	Striped Whipsnake		G5	N5	S4					
<i>Phrynosoma hernandesi</i>	Short-Horned Lizard	SOI	G5	N5	S2			X		
<i>Phrynosoma platyrhinos</i>	Desert Horned Lizard		G5	N5	S5					
<i>Pituophis catenifer</i>	Gopher Snake		G5	N5	S5					
<i>Rhinocheilus lecontei</i>	Longnose Snake		G5	N5	S5					
<i>Salvadora hexalepis</i>	Western Patchnose Snake		G5	N5	S5					
<i>Sauromalus obesus</i>	Chuckwalla		G5	N5	S4					
<i>Sceloporus graciosus graciosus</i>	Northern Sagebrush Lizard		T5	NNR	S3S4					
<i>Sceloporus magister</i>	Desert Spiny Lizard		G5	N5	S5					
<i>Sceloporus undulatus</i>	Fence/ Prairie/ Plateau Lizard		G5	N5	S5					
<i>Sonora semiannulata</i>	Ground Snake		G5	N5	S5					
<i>Tantilla planiceps</i>	Western Black-Headed Snake		G4	N4						
<i>Thamnophis elegans</i>	Western Terrestrial Garter Snake		G5	N5	S5?					
<i>Urosaurus ornatus</i>	Tree Lizard		G5	N5	S5					
<i>Uta stansburiana</i>	Side-Blotched Lizard		G5	N5	S5					

Appendix 6-B. Conservation targets (n=200), by target type, that occur on one or more of eight conservation areas that overlap the Kaibab National Forest in Arizona.

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas ^A
Amphibian				
<i>Hyla wrightorum</i>	Mountain Treefrog	Aquatic/Riparian	3	2,7,8
<i>Rana pipiens</i>	Northern Leopard Frog	Aquatic/Riparian	1	4
<i>Rana yavapaiensis</i>	Yavapi Leopard Frog	Aquatic/Riparian	1	8
Bird				
<i>Accipiter gentilis</i>	Northern Goshawk	Terrestrial	3	2,7,8
<i>Empidonax traillii extimus</i>	Southwest Willow Flycatcher	Aquatic/Riparian	2	4,6
<i>Falco peregrinus</i>		Terrestrial	3	4,5,6
<i>Haliaeetus leucocephalus</i>	Bald Eagle	Terrestrial	1	4
<i>Picooides tridactylus</i>		Terrestrial	1	5
<i>Sphyrapicus thyroideus</i>	Williamson's Sapsucker	Terrestrial	1	5
<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Terrestrial	4	2,5,7,8
Fish				
<i>Catostomus insignis</i>	Sonora Sucker	Aquatic/Riparian	1	2
<i>Gila cypha</i>	Humpback Chub	Aquatic/Riparian	1	4
<i>Gila robusta</i>	Roundtail Chub	Aquatic/Riparian	2	4,8
<i>Xyrauchen texanus</i>	Razorback Sucker	Aquatic/Riparian	1	4
Insect				
<i>Ceuthophilus yavapai</i>		Terrestrial	1	4
<i>Metrichia volada</i>	Page Spring Micro Caddisfly	Aquatic/Riparian	1	8
Mammal				
<i>Corynorhinus townsendii</i>	Townsend's Big-Eared Bat	Terrestrial	1	4
<i>Cynomys gunnisoni</i>	Gunnison's Prairie Dog	Terrestrial	1	7
<i>Euderma maculatum</i>	Spotted Bat	Terrestrial	2	4,6
<i>Idionycteris phyllotis</i>	Allen's Big-Eared Bat	Terrestrial	2	4,5
<i>Lasiurus blossevillii</i>	Western Red Bat	Terrestrial	1	4
<i>Mustela frenata arizonensis</i>		Terrestrial	2	7,8
<i>Myotis lucifugus occultus</i>	Arizona Myotis	Terrestrial	2	7,8
<i>Ovis canadensis nelsoni</i>	Desert Bighorn Sheep	Terrestrial	2	4,6
<i>Sciurus aberti kaibabensis</i>	Kaibab Squirrel	Terrestrial	1	4

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas ^A
<i>Sorex nanus</i>	Dwarf Shrew	Terrestrial	2	5,7
Mollusk				
<i>Oxyloma sp</i> (Vasey's Paradise)		Terrestrial	1	4
Plant-Vascular				
<i>Agave sp nov</i>		Terrestrial	1	4
<i>Argemone arizonica</i>	Arizona Prickle-Poppy	Terrestrial	1	5
<i>Asclepias welshii</i>	Welsh's Milkweed	Terrestrial	1	6
<i>Astragalus atwoodii</i>	A Milk-vetch	Terrestrial	1	4
<i>Astragalus beathii</i>	Beath Milk-vetch	Terrestrial	2	4,6
<i>Astragalus cremnophylax var cremnophylax</i>	Sentry Milk-vetch	Terrestrial	1	4
<i>Astragalus cremnophylax var hevronii</i>	Hevron's Milkvetch	Terrestrial	1	4
<i>Astragalus lentiginosus var. Trumbullensis</i>		Terrestrial	1	4
<i>Astragalus troglodytus</i>	Creeping Milk-vetch	Terrestrial	2	7,8
<i>Botrychium crenulatum</i>	Crenulate Moonwort	Terrestrial	1	7
<i>Camissonia exilis</i>	Cottonwood Spring Suncup	Terrestrial	1	6
<i>Castilleja kaibabensis</i>	Kaibab Indian Paintbrush	Terrestrial	1	5
<i>Chrysothamnus molestus</i>	Arizona Rabbit-Brush	Terrestrial	1	7
<i>Cimicifuga arizonica</i>	Arizona Bugbane	Aquatic/Riparian	2	2,8
<i>Cymopterus megacephalus</i>	Long-Leaf Spring-Parsley	Terrestrial	1	4
<i>Erigeron saxatilis</i>		Terrestrial	2	7,8
<i>Euphorbia aaron-rossii</i>		Terrestrial	2	4,6
<i>Flaveria macdougalii</i>	Grand Canyon Flaveria	Terrestrial	1	4
<i>Gentiana barbellata</i>	Perennial Fringed Gentian	Terrestrial	1	7
<i>Hedeoma diffusum</i>		Terrestrial	1	8
<i>Hesperodoria salicina</i>	Willow glow-weed	Terrestrial	1	4
<i>Heuchera eastwoodiae</i>	Senator Mine Allum-Root	Terrestrial	1	8
<i>Hymenoxys helenioides</i>	Intermountain Bitterweed	Terrestrial	1	7
<i>Pediocactus bradyi</i>	Brady Pincushion Cactus	Terrestrial	2	4,6
<i>Pediocactus paradinei</i>	Park Pincushion Cactus	Terrestrial	2	5,6
<i>Pediocactus peeblesianus var fickeiseniae</i>	Fickeisen Hedgehog-Cactus	Terrestrial	1	4
<i>Penstemon clutei</i>	A Beardtongue	Terrestrial	1	7
<i>Penstemon distans</i>	Mt. Trumbull Beardtongue	Terrestrial	1	4
<i>Phacelia glechomifolia</i>	Pennyroyal-leaf Scorpion-weed	Terrestrial	1	4
<i>Phacelia perityloides var. Laxiflora</i>	Nodding-flower Scorpion-weed	Terrestrial	1	4
<i>Phacelia petrosa</i>		Terrestrial	1	4

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas ^A
<i>Phacelia serrata</i>	Serrate Phacelia	Terrestrial	1	7
<i>Pinus aristata</i>	Bristlecone pine	Terrestrial	1	7
<i>Potentilla multifoliolata</i>	Many-leaf Ivesia	Terrestrial	3	2,7,8
<i>Psorothamnus arborescens var pubescens</i>		Terrestrial	2	4,6
<i>Rosa stellata ssp abyssa</i>	Grand Canyon Rose	Terrestrial	1	4
<i>Salvia dorrii ssp mearnsii</i>		Terrestrial	1	8
<i>Sclerocactus sileri</i>	Siler's Fish-hook Cactus	Terrestrial	1	6
<i>Senecio franciscanus</i>	San Francisco Peaks Groundsel	Terrestrial	1	7
<i>Silene rectiramea</i>	Grand Canyon Catchfly	Terrestrial	1	4
<i>Talinum validulum</i>	Western Flame Flower	Terrestrial	3	2,7,8
Reptile				
<i>Heloderma suspectum</i>	Gila Monster	Terrestrial	1	4
<i>Lampropeltis pyromelana</i>	Sonoran Mountain Kingsnake	Terrestrial	1	8
<i>Thamnophis eques megalops</i>	Mexican Garter Snake	Aquatic/Riparian	1	8
<i>Thamnophis rufipunctatus</i>	Narrowhead Garter Snake	Aquatic/Riparian	1	8
Community				
Douglas Fir Forest Community (specific)		Terrestrial	1	7
Hanging Garden		Aquatic/Riparian	2	4,6
Netleaf Hackberry / Bluebunch Wheatgrass Woodland		Aquatic/Riparian	1	4
Ponderosa Pine Forest Community (specific)		Terrestrial	3	2,7,8
Ecological System				
Alpine Tundra		Terrestrial	1	7
Aspen Forest		Terrestrial	2	2,7
Desert Grassland and Shrub-Steppe		Terrestrial	4	1,3,4,6
Little Colorado River Headwater and creek, low and intermediate, intermittent		Aquatic/Riparian	1	4
Little Colorado River Headwater and creek, montane and above, intermittent		Aquatic/Riparian	1	4
Little Colorado River Large and extra large river, low and intermediate, perennial		Aquatic/Riparian	1	4
Little Colorado River Small and medium river, low and intermediate, intermittent		Aquatic/Riparian	1	4
Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, intermittent		Aquatic/Riparian	5	1,3,4,5,6
Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, perennial		Aquatic/Riparian	4	3,4,5,6
Middle Colorado - San Juan Rivers Headwater and creek, montane and above, intermittent		Aquatic/Riparian	5	1,3,4,5,6
Middle Colorado - San Juan Rivers Headwater and creek, montane and above, perennial		Aquatic/Riparian	2	4,5
Middle Colorado - San Juan Rivers Large and extra large river, low and intermediate, perennial		Aquatic/Riparian	2	4,6
Middle Colorado - San Juan Rivers Small and medium river, low and intermediate, perennial		Aquatic/Riparian	3	3,4,6

Target Type / Scientific Name	Common Name	Habitat Type	# of Conservation Areas	Conservation Areas ^A
Mixed Desert Shrubland		Terrestrial	3	3,4,6
Mixed Salt Desert Scrub		Terrestrial	2	4,6
Mohave Desert Scrub		Terrestrial	2	4,6
Montane Mixed Forest		Terrestrial	4	2,4,5,7
Montane Riparian Woodland and Shrubland		Aquatic/Riparian	1	5
Montane Shrubland		Terrestrial	2	4,5
Pinyon-Juniper Woodland		Terrestrial	5	1,3,4,5,6
Playa		Aquatic/Riparian	1	1
Ponderosa Pine Forest and Woodland		Terrestrial	2	4,5
Riparian Woodland		Aquatic/Riparian	3	4,5,6
Sagebrush Shrubland		Terrestrial	3	4,5,6
Semi-Desert Chaparral		Terrestrial	2	3,4
Feature				
Important ephemeral wetland that is seasonally wet and dry.		Aquatic/Riparian	1	2
Native Fish Assemblages		Aquatic/Riparian	1	4
Sagebrush Steppe		Aquatic/Riparian	2	3,6

^A1 = Aubrey Valley Northeast, 2 = Bill Williams Mountains, 3 = Cataract Creek, 4 = Grand Canyon, 5 = Kaibab Plateau, 6 = Paria, 7 = San Francisco Peaks, 8 = Sycamore & Oak Creek Canyons

Appendix 6-C. Conservation targets associated with eight conservation areas that overlap the Kaibab National Forest in Arizona.

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
Aubrey Valley Northeast					
Ecological System		Middle Colorado - San Juan Rivers Headwater and creek, montane and above, intermittent	Aquatic/Riparian	GU	
		Pinyon-Juniper Woodland	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Playa	Aquatic/Riparian	GU	
		Desert Grassland and Shrub-Steppe	Terrestrial	GU	
Bill Williams Mountains					
Amphibian	<i>Hyla wrightorum</i>	Mountain Treefrog	Aquatic/Riparian	G4	
Bird	<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Terrestrial	G3	LT
	<i>Accipiter gentilis</i>	Northern Goshawk	Terrestrial	G5	
Fish	<i>Catostomus insignis</i>	Sonora Sucker	Aquatic/Riparian	G3	SC
Plant-Vascular	<i>Potentilla multifoliolata</i>	Many-leaf Ivesia	Terrestrial	G4	
	<i>Talinum validulum</i>	Western Flame Flower	Terrestrial	G3	
	<i>Cimicifuga arizonica</i>	Arizona Bugbane	Aquatic/Riparian	G2	
Community		Ponderosa Pine Forest Community (4 specific occurrenes)	Terrestrial	GU	
Ecological System		Aspen Forest	Terrestrial	GU	
		Montane Mixed Forest	Terrestrial	GU	
Feature		Important ephemeral wetland that is seasonally wet and dry.	Aquatic/Riparian	GU	
Cataract Creek					
Ecological System		Semi-Desert Chaparral	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, perennial	Aquatic/Riparian	GU	
		Mixed Desert Shrubland	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers	Aquatic/Riparian	GU	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
Feature		Headwater and creek, montane and above, intermittent			
		Middle Colorado - San Juan Rivers Small and medium river, low and intermediate, perennial	Aquatic/Riparian	GU	
		Semi-Desert Chaparral	Terrestrial	GU	
		Pinyon-Juniper Woodland	Terrestrial	GU	
		Desert Grassland and Shrub-Steppe	Terrestrial	GU	
		Sagebrush Steppe	Aquatic/Riparian	GU	
Grand Canyon					
Amphibian	<i>Rana pipiens</i>	Northern Leopard Frog	Aquatic/Riparian	G5	
Bird	<i>Empidonax traillii extimus</i>	Southwest Willow Flycatcher	Aquatic/Riparian	G2	LE
	<i>Falco peregrinus</i>	Peregrine Falcon	Terrestrial	G4	PS:LE
	<i>Haliaeetus leucocephalus</i>	Bald Eagle	Terrestrial	G4	PS:LT, PDL
Fish	<i>Xyrauchen texanus</i>	Razorback Sucker	Aquatic/Riparian	G1	LE
	<i>Gila cypha</i>	Humpback Chub	Aquatic/Riparian	G1	LE
	<i>Gila robusta</i>	Roundtail Chub	Aquatic/Riparian	G3	PS
Insect	<i>Ceuthophilus yavapai</i>		Terrestrial	GU	
Mammal	<i>Corynorhinus townsendii</i>	Townsend's Big-Eared Bat	Terrestrial	G4	PS
	<i>Euderma maculatum</i>	Spotted Bat	Terrestrial	G4	
	<i>Idionycteris phyllotis</i>	Allen's Big-Eared Bat	Terrestrial	G3	
	<i>Sciurus aberti kaibabensis</i>	Kaibab Squirrel	Terrestrial	G3	
	<i>Lasiurus blossevillii</i>	Western Red Bat	Terrestrial	G5	
	<i>Ovis canadensis nelsoni</i>	Desert Bighorn Sheep	Terrestrial	G4	
	<i>Oxyloma sp (Vasey's paradise)</i>		Terrestrial	GU	LE
Mollusk	<i>Heloderma suspectum</i>	Gila Monster	Terrestrial	G4	
Reptile	<i>Astragalus atwoodii</i>	A Milk-vetch	Terrestrial	GU	
Plant-Vascular	<i>Phacelia perityloides var Laxiflora</i>	Nodding-flower Scorpion-weed	Terrestrial	GU	
	<i>Astragalus beathii</i>	Beath Milk-vetch	Terrestrial	G2	
	<i>Astragalus cremnophylax var hevronii</i>	Hevron's Milk-vetch	Terrestrial	G1	
	<i>Astragalus cremnophylax var cremnophylax</i>	Sentry Milk-vetch	Terrestrial	G1	LE
	<i>Psorothamnus arborescens var pubescens</i>		Terrestrial	G2	
	<i>Rosa stellata ssp abyssa</i>	Grand Canyon Rose	Terrestrial	G2	
	<i>Phacelia glechomifolia</i>	Pennyroyal-leaf Scorpion-weed	Terrestrial	G2	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
	<i>Penstemon distans</i>	Mt. Trumbull Beardtongue	Terrestrial	G2	
	<i>Hesperodoria salicina</i>		Terrestrial	G2	
	<i>Pediocactus peeblesianus</i> var <i>fickeiseniae</i>	Fickeisen Hedgehog-Cactus	Terrestrial	G2	C
	<i>Silene rectiramea</i>	Grand Canyon Catchfly	Terrestrial	G1	
	<i>Pediocactus bradyi</i>	Brady Pincushion Cactus	Terrestrial	G1	LE
	<i>Flaveria macdougalii</i>	Grand Canyon Flaveria	Terrestrial	G2	
	<i>Euphorbia aaron-rossii</i>		Terrestrial	G1	
	<i>Agave sp nov</i>		Terrestrial	GU	
	<i>Cymopterus megacephalus</i>	Long-Leaf Spring-Parsley	Terrestrial	G2	
	<i>Astragalus lentiginosus</i> var <i>Trumbullensis</i>		Terrestrial	GU	
	<i>Phacelia petrosa</i>		Terrestrial	GU	
Community		Hanging Garden	Aquatic/Riparian	G2	
		Netleaf Hackberry / Bluebunch Wheatgrass	Aquatic/Riparian	G2	
		Woodland			
Ecological System		Little Colorado River Large and extra large river, low and intermediate, perennial	Aquatic/Riparian	GU	
		Mixed Desert Shrubland	Terrestrial	GU	
		Mixed Desert Shrubland	Terrestrial	GU	
		Little Colorado River Headwater and creek, montane and above, intermittent	Aquatic/Riparian	GU	
		Ponderosa Pine Forest and Woodland	Terrestrial	GU	
		Mixed Salt Desert Scrub	Terrestrial	GU	
		Little Colorado River Headwater and creek, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Riparian Woodland	Aquatic/Riparian	GU	
		Mohave Desert Scrub	Terrestrial	GU	
		Pinyon-Juniper Woodland	Terrestrial	GU	
		Montane Shrubland	Terrestrial	GU	
		Ponderosa Pine Forest and Woodland	Terrestrial	GU	
		Desert Grassland and Shrub-Steppe	Terrestrial	GU	
		Ponderosa Pine Forest and Woodland	Terrestrial	GU	
		Little Colorado River Small and medium river, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers Large and extra large river, low and intermediate, perennial	Aquatic/Riparian	GU	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
		Middle Colorado - San Juan Rivers Headwater and creek, montane and above, perennial	Aquatic/Riparian	GU	
		Montane Mixed Forest	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, montane and above, intermittent	Aquatic/Riparian	GU	
		Mixed Salt Desert Scrub	Terrestrial	GU	
		Desert Grassland and Shrub-Steppe	Terrestrial	GU	
		Montane Shrubland	Terrestrial	GU	
		Ponderosa Pine Forest and Woodland	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, perennial	Aquatic/Riparian	GU	
		Pinyon-Juniper Woodland	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers Small and medium river, low and intermediate, perennial	Aquatic/Riparian	GU	
		Semi-Desert Chaparral	Terrestrial	GU	
		Sagebrush Shrubland	Terrestrial	GU	
Feature		Native Fish Assemblages	Aquatic/Riparian	GU	
Kaibab Plateau					
Bird	<i>Falco peregrinus</i>	Peregrine Flacon	Terrestrial	G4	PS:LE
	<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Terrestrial	G3	LT
	<i>Sphyrapicus thyroideus</i>	Williamson's Sapsucker	Terrestrial	G5	
	<i>Picoides tridactylus</i>	American Three-toed Woodpecker	Terrestrial	G5	
Mammal	<i>Sorex nanus</i>	Dwarf Shrew	Terrestrial	G4	
	<i>Idionycteris phyllotis</i>	Allen's Big-Eared Bat	Terrestrial	G3	
Plant-Vascular	<i>Castilleja kaibabensis</i>	Kaibab Indian Paintbrush	Terrestrial	G2	
	<i>Argemone arizonica</i>	Arizona Prickle-Poppy	Terrestrial	G1	
	<i>Pediocactus paradinei</i>	Park Pincushion Cactus	Terrestrial	G2	
Ecological System		Sagebrush Shrubland	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate,	Aquatic/Riparian	GU	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
		perennial Pinyon-Juniper Woodland	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, montane and above, perennial	Aquatic/Riparian	GU	
		Ponderosa Pine Forest and Woodland	Terrestrial	GU	
		Riparian Woodland	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, montane and above, intermittent	Aquatic/Riparian	GU	
		Montane Riparian Woodland and Shrubland	Aquatic/Riparian	GU	
		Montane Shrubland	Terrestrial	GU	
		Ponderosa Pine Forest and Woodland	Terrestrial	GU	
		Riparian Woodland	Aquatic/Riparian	GU	
		Montane Mixed Forest	Terrestrial	GU	
Paria					
Bird	<i>Empidonax traillii extimus</i>	Southwest Willow Flycatcher	Aquatic/Riparian	G2	LE
	<i>Falco peregrinus</i>	Peregrine Falcon	Terrestrial	G4	PS:LE
Mammal	<i>Ovis canadensis nelsoni</i>	Desert Bighorn Sheep	Terrestrial	G4	
	<i>Euderma maculatum</i>	Spotted Bat	Terrestrial	G4	
Plant-Vascular	<i>Sclerocactus sileri</i>	Siler's Fish-hook Cactus	Terrestrial	G2	
	<i>Psoralea argophylla</i> <i>pubescens</i>		Terrestrial	G2	
	<i>Euphorbia aaron-rossii</i>		Terrestrial	G1	
	<i>Camissonia exilis</i>	Cottonwood Spring Suncup	Terrestrial	G1	
	<i>Pediocactus paradinei</i>	Park Pincushion Cactus	Terrestrial	G2	
	<i>Pediocactus bradyi</i>	Brady Pincushion Cactus	Terrestrial	G1	LE
	<i>Asclepias welshii</i>	Welsh's Milkweed	Terrestrial	G1	LT
	<i>Astragalus beathii</i>	Beath Milk-vetch	Terrestrial	G2	
Community		Hanging Garden	Aquatic/Riparian	G2	
Ecological System		Middle Colorado - San Juan Rivers Headwater and creek, montane and above, intermittent	Aquatic/Riparian	GU	
		Pinyon-Juniper Woodland	Terrestrial	GU	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
		Sagebrush Shrubland	Terrestrial	GU	
		Mohave Desert Scrub	Terrestrial	GU	
		Mixed Desert Shrubland	Terrestrial	GU	
		Mixed Salt Desert Scrub	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Small and medium river, low and intermediate, perennial	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers Large and extra large river, low and intermediate, perennial	Aquatic/Riparian	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, intermittent	Aquatic/Riparian	GU	
		Desert Grassland and Shrub-Steppe	Terrestrial	GU	
		Middle Colorado - San Juan Rivers Headwater and creek, low and intermediate, perennial	Aquatic/Riparian	GU	
Feature		Riparian Woodland	Aquatic/Riparian	GU	
		Sagebrush Steppe	Aquatic/Riparian	GU	
San Francisco Peaks					
Amphibian	<i>Hyla wrightorum</i>	Mountain Treefrog	Aquatic/Riparian	G4	
Bird	<i>Accipiter gentilis</i>	Northern Goshawk	Terrestrial	G5	
	<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Terrestrial	G3	LT
Mammal	<i>Sorex nanus</i>	Dwarf Shrew	Terrestrial	G4	
	<i>Cynomys gunnisoni</i>	Gunnison's Prairie Dog	Terrestrial	G5	
	<i>Mustela frenata arizonensis</i>		Terrestrial	GU	
	<i>Myotis lucifugus occultus</i>	Arizona Myotis	Terrestrial	G3	
Plant-Vascular	<i>Hymenoxys helenioides</i>	Intermountain Bitterweed	Terrestrial	G3	
	<i>Senecio franciscanus</i>	San Francisco Peaks Groundsel	Terrestrial	G1	LT
	<i>Penstemon clutei</i>	A Beardtongue	Terrestrial	G2	
	<i>Talinum validulum</i>	Western Flame Flower	Terrestrial	G3	
	<i>Pinus aristata</i>	Bristlecone Pine	Terrestrial	G3	
	<i>Potentilla multifoliolata</i>	Many-leaf Ivesia	Terrestrial	G4	
	<i>Phacelia serrata</i>	Serrate Phacelia	Terrestrial	G3	
	<i>Botrychium crenulatum</i>	Crenulate Moonwort	Terrestrial	G3	
	<i>Astragalus troglodytus</i>	Creeping Milk-vetch	Terrestrial	G2	
	<i>Chrysothamnus molestus</i>	Arizona Rabbit-Brush	Terrestrial	G3	

Conservation Area/ Target Type	Scientific Name	Common Name	Habitat Type	Global Rank	ESA Status
Community	<i>Erigeron saxatilis</i>		Terrestrial	G3	
	<i>Gentiana barbellata</i>	Perennial Fringed Gentian	Terrestrial	G3	
Ecological System		Ponderosa Pine Forest Community (8 specific occurrences)	Terrestrial	GU	
		Douglas Fir Forest Community (specific)	Terrestrial	GU	
		Montane Mixed Forest	Terrestrial	GU	
		Alpine Tundra	Terrestrial	G4	
		Alpine Tundra	Terrestrial	G4	
		Aspen Forest	Terrestrial	GU	
Sycamore & Oak Creek Canyons					
Amphibian	<i>Rana yavapaiensis</i>	Yavapi Leopard Frog	Aquatic/Riparian	G4	
Bird	<i>Hyla wrightorum</i>	Mountain Treefrog	Aquatic/Riparian	G4	
	<i>Strix occidentalis lucida</i>	Mexican Spotted Owl	Terrestrial	G3	LT
Fish	<i>Accipiter gentilis</i>	Northern Goshawk	Terrestrial	G5	
	<i>Gila robusta</i>	Roundtail Chub	Aquatic/Riparian	G3	PS
Insect	<i>Metricia volada</i>	Page Spring Micro Caddisfly	Aquatic/Riparian	GU	
Mammal	<i>Mustela frenata arizonensis</i>		Terrestrial	GU	
	<i>Myotis lucifugus occultus</i>	Arizona Myotis	Terrestrial	G3	
Reptile	<i>Lampropeltis pyromelana</i>	Sonoran Mountain Kingsnake	Terrestrial	G5	
	<i>Thamnophis eques megalops</i>	Mexican Garter Snake	Aquatic/Riparian	G3	
Plant-Vascular	<i>Thamnophis rufipunctatus</i>	Narrowhead Garter Snake	Aquatic/Riparian	G3	
	<i>Talinum validulum</i>	Western Flame Flower	Terrestrial	G3	
	<i>Salvia dorrii ssp mearnsii</i>		Terrestrial	G3	
	<i>Astragalus troglodytus</i>	Creeping Milk-vetch	Terrestrial	G2	
	<i>Cimicifuga arizonica</i>				