

**Tonto National Forest
Federal Threatened, Endangered, and Candidate Species
(January 2014)**

Common Name	Scientific Name	Status
C = candidate, D = designated, E = endangered, N/A = not applicable, P = proposed, T =threatened		
Mammals		
Birds		
Cuckoo, yellow-billed	<i>Coccyzus americanus</i>	P
Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	E
Flycatcher, southwestern willow critical habitat	N/A	D
Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	T
Owl, Mexican spotted critical habitat	N/A	D
Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	E
Reptiles		
Gartersnake, northern Mexican	<i>Thamnophis eques megalops</i>	P
Gartersnake, northern Mexican critical habitat	N/A	P
Gartersnake, narrow-headed	<i>Thamnophis rufipunctatus</i>	P
Gartersnake, narrow-headed critical habitat	N/A	P
Tortoise, Morafka's desert	<i>Gopherus morafkai</i>	C
Amphibian		
Frog, Chiricahua leopard	<i>Lithobates [Rana] chiricahuensis</i>	T
Frog, Chiricahua leopard, critical habitat	N/A	D
Fish		
Chub, Gila	<i>Gila intermedia</i>	E
Chub, Gila critical habitat	N/A	D
Chub, headwater	<i>Gila nigra</i>	C
Chub, roundtail	<i>Gila robusta</i>	C
Minnow, loach	<i>Tiaroga cobitis</i>	E
Minnow, loach, critical habitat	N/A	D
Pikeminnow, Colorado (non-essential experimental)	<i>Ptychocheilus lucius</i>	E
Pupfish, desert	<i>Cyprinodon macularius</i>	E
Spikedace	<i>Meda fulgida</i>	E
Spikedace, critical habitat	N/A	D
Sucker, razorback	<i>Xyrauchen texanus</i>	E
Sucker, razorback, critical habitat	N/A	D
Topminnow, Gila	<i>Poeciliopsis occidentalis occidentalis</i>	E
Plants		
Cliffrose, Arizona	<i>Purshia subintegra</i>	E
Hedgehog, Arizona	<i>Echinocereus triglochidiatus var. arizonicus</i>	E

**Tonto National Forest
Forest Sensitive Species
(January 2014)**

Common Name	Scientific Name
Mammals (4)	
Bat, Allen's lappet-browed	<i>Idionycteris phyllotis</i>
Bat, pale townsend's big-eared	<i>Corynorhinus townsendii pallescens</i>
Bat, spotted	<i>Euderma maculatum</i>
Bat, western red	<i>Lasiurus blossevillii</i>
Birds (5)	
Cuckoo, western yellow-billed (Federally proposed)	<i>Coccyzus americanus occidentalis</i>
Falcon, American peregrine	<i>Falco peregrinus anatum</i>
Flycatcher, sulphur-bellied	<i>Myiodynastes luteiventris</i>
Goshawk, northern	<i>Accipiter gentilis</i>
Junco, yellow-eyed	<i>Junco phaeonotus</i>
Reptiles (4)	
Gartersnake, northern Mexican (Federal proposed)	<i>Thamnophis eques megalops</i>
Gartersnake, narrow-headed (Federally proposed)	<i>Thamnophis rufipunctatus</i>
Lizard, Bezy's night	<i>Xantusia bezyi</i>
Tortoise, Morafka's desert (Federal candidate)	<i>Gopherus morafkai</i>
Amphibians (3)	
Frog, lowland leopard	<i>Lithobates [Rana] yavapaiensis</i>
Frog, western barking	<i>Eleutherodactylus augusti cactorum</i>
Frog, northern leopard	<i>Lithobates [Rana] pipiens</i>
Fish (4)	
Chub, headwater (Federal candidate)	<i>Gila nigra</i>
Chub, roundtail (Federal candidate)	<i>Gila robusta</i>
Sucker, desert	<i>Catostomus clarki</i>
Sucker, Sonora	<i>Catostomus insignis</i>
Invertebrates (5)	
Beetle, Parker's clyloepus riffle	<i>Cylloepus parkeri</i>
Caddisfly, A	<i>Wormaldia planae</i>
Mayfly, A	<i>Fallceon eatoni</i>
Midge, netwing	<i>Agathon arizonicus</i>
Springsnail, fossil	<i>Pyrgulopsis simplex</i>
Plants (23)	
Agave, Hohokam	<i>Agave murpheyi</i>
Agave, Tonto basin	<i>Agave delamateri</i>
Breadroot, Verde	<i>Pediomelum verdiensis</i>
Buckwheat, Ripley wild	<i>Eriogonum ripleyi</i>
Bugbane, Arizona	<i>Cimicifuga arizonica</i>
Dock, blumer's	<i>Rumex orthoneurus</i>
Fleabane, fish creek	<i>Erigeron piscaticus</i>
Fleabane, Mogollon	<i>Erigeron anchana</i>
Groundsel, toumey	<i>Packera neomexicana</i> var. <i>toumeyi</i> (= <i>Senecio</i> n. var. <i>t.</i>)

Common Name	Scientific Name
Mallow, Pima Indian	<i>Abutilon parishii</i>
Milkwort, Hualapai	<i>Polygala rusbyi</i>
Phlox, Arizona	<i>Phlox amabilis</i>
Rockdaisy, fish creek	<i>Perityle saxicola</i>
Rockdaisy, salt river	<i>Perityle gilensis var. salensis</i>
Root, Arizona alum	<i>Heuchera glomerulata</i>
Root, eastwood alum	<i>Heuchera eastwoodiae</i>
Sage, galiuro	<i>Salvia amissa</i>
Sandwort, Mt. Dellenbaugh	<i>Arenaria aberrans</i>
Sedge, Chihuahuan	<i>Carex chihuahuensis</i>
Sedge, Cochise	<i>Carex ultra (=C.spissa var. ultra)</i>
Snapdragon, mapleleaf false	<i>Mabrya acerifolia (=Maurandya a.)</i>
Vetch, horseshoe deer	<i>Lotus mearnsii var. equisolensis</i>
Woodfern, Aravaipa	<i>Thelypteris puberula var. sonorensis</i>

Tonto National Forest Management Indicator Species

Management Indicator Species	Potential Natural Vegetation Crosswalk w/ Forest Plan Vegetation	Indicator of	Habitat Trend	Population Trend
CPG - colorado plateau grassland, CWRP - cottonwood willow riparian forest, DC - desert communities, IC - interior chaparral, MBDRF - mixed broadleaf deciduous riparian forest, MCA - mixed conifer w/ aspen, MWRF- montane willow riparian forest, PJC - PJ chaparral, PJG - PJ grassland, PPM - ponderosa pine – mild, SDG - semi-desert grassland.				
Elk	PPM, MCA	general forest conditions	Static	Stable
Turkey	PPM, MCA	vertical diversity – forest mix	Static	Stable
Pygmy Nuthatch	PPM	Old growth pine	Static	Decrease
Violet-green swallow	PPM, MCA	Cavity-nesting habitat	Static	Decrease
Western Bluebird	PPM, MCA	Forest openings	Static	Stable
Hairy Woodpecker	PPM, MCA	Snags	Static	Stable
Goshawk	PPM, MCA	Vertical diversity	Static	Decrease
Abert Squirrel	PPM, MCA	Successional stages of pine	Static	Decrease
Ash-throated Flycatcher	PJC, PJG,	Ground cover	Static	Stable
Gray Vireo	PJC, PJG	Tree density	Static	Decrease
Townsend's Solitaire	PJC, PJG	Juniper berry production	Static	Stable
Juniper Titmouse	PJC, PJG	General woodland conditions	Static	Decrease
Northern Flicker	PJC, PJG	Snags	Static	Stable
Spotted Towhee	PJC, PJG	Successional stages of pinyon-juniper	Static	Stable

Management Indicator Species	Potential Natural Vegetation Crosswalk w/ Forest Plan Vegetation	Indicator of	Habitat Trend	Population Trend
Spotted Towhee	IC	Shrub density	Static	Stable
Black-chinned Sparrow	IC	Shrub diversity	Static	Stable
Savannah Sparrow	CPG, PJG	Grass species diversity	Upward/static	Stable
Horned Lark	CPG, PJG	Vegetation aspect	Upward/static	Decrease
Black-throated Sparrow	DC	Shrub diversity	Downward/static	Stable
Canyon Towhee	DC	Ground cover	Downward/static	Decrease
Bald Eagle	CWRF	General riparian	No change	Stable
Bell's Vireo	CWRF	Well-developed understory	No change	Decrease
Summer Tanager	CWRF	Tall, mature trees	No change	Decrease
Hooded Oriole	CWRF	Medium-sized Trees	No change	Stable
Hairy Woodpecker	MBDRF	Snags, cavities	No change	Stable
Arizona Gray Squirrel	MBDRF	General riparian	No change	Stable
Warbling Vireo	MBDRF	Tall overstory	No change	Stable
Western Wood Pewee	MBDRF	Medium overstory	No change	Decrease
Common black-hawk	MBDRF	Riparian streamside	No change	Decrease
Macro-invertebrates	Aquatic	Water quality	N/A	N/A

**Tonto National Forest
Migratory bird species of concern**

* Species occurs in more than 1 type of habitat		
Ponderosa Pine Forest: primarily pure ponderosa pine forest		
Flammulated Owl*	Northern Goshawk*	Olive-sided Flycatcher*
Grace's Warbler*	Lewis's Woodpecker*	Olive Warbler*
Ponderosa-Gambel's Oak Forest		
Band-tailed Pigeon*	Grace's Warbler*	Northern Goshawk*
Flammulated Owl*	Lewis's Woodpecker*	Olive Warbler*
		Mexican Spotted Owl*
Mixed Conifer Forest: Douglas fir, white fir, ponderosa pine, often some aspen and Gambel's oak.		
Band-tailed Pigeon*	Golden-crowned Kinglet	Olive-sided Flycatcher*
Cordilleran Flycatcher	Mexican Spotted Owl	Red-faced Warbler*
Flammulated Owl*	Northern Goshawk*	Red-naped Sapsucker*
Pinyon Pine – Juniper woodland		
Black-throated Gray Warbler*	Gray Vireo	Peregrine Falcon*
Golden Eagle*	Juniper Titmouse	Pinyon Jay
Gray Flycatcher		
Madrean Evergreen woodland: Madrean evergreen oaks, juniper, pinyon pine		
Black-throated Gray Warbler*	Golden Eagle*	
Interior chaparral: shrub live oak, manzanita, mountain-mahogany, cliffrose		
Black-chinned Sparrow		
Semiarid grassland, often with scattered sotol, agaves burroweed, snakeweed, yucca, mesquite		
Golden Eagle*	Swainson's Hawk	
Sonoran Desertscrub (Arizona Upland Biome): paloverde, ironwood, mesquite, catclaw, acacia, saguro, cholla, barrel cactus, prickly pear, creosote bush, jojoba, crucifixion thorn		
Bendire's Thrasher	Gila Woodpecker	Phainopepla*
Canyon Towhee	Gilded Flicker	Prairie Falcon
Costa's Hummingbird*	Golden Eagle*	Purple Martin
Elf Owl	Peregrine Falcon*	
Montane riparian wetlands: cottonwood, maple, box elder, alder, willow, some Gambel's oak, ponderosa pine, Douglas fir, white fir, and aspen		
Cordilleran Flycatcher*	Red-faced Warbler*	Red-naped Sapsucker*
MacGillivray's Warbler		
Marshlands, cienegas, ponds, and lake edges: bulrush, sedges, pondweeds, cattail, duckweed, saltgrass		
Yuma Clapper Rail		
Interior riparian deciduous forests and woodlands: sycamore, cottonwood, willow, ash, walnut, bigtooth maple, hackberry, cypress, juniper, oak		
Common Black-Hawk*	Northern Beardless-Tyrannulet*	Yellow Warbler*
Sonoran riparian deciduous forest and woodlands: primarily cottonwood, willow, mesquite, tamarisk (salt cedar), some ash, walnut, and hackberry		
Bald Eagle	Northern Beardless-Tyrannulet	Western Yellow-billed Cuckoo
Bell's Vireo*	Southwestern Willow Flycatcher	Yellow Warbler*
Common Black-Hawk*		
Sonoran riparian scrubland (dry wash): mesquite, paloverde, ironwood, burrobrush, desert broom, quailbush, desert willow		
Bell's Vireo*	Lucy's Warbler	Phainopepla*
Costa's Hummingbird*		

