

Threatened and Endangered, Proposed, Candidate, Signed Conservation Agreement and Other Category Species
Arizona Ecological Services Office
January 2021

* AESO is species lead office

AMPHIBIANS

	Common Name	Scientific Name	Status	Species Lead
*	Arizona toad	<i>Anaxyrus microscaphus</i>	P90	Shaula Hedwall
	Arizona treefrog	<i>Hyla wrightorum</i>	O	Cat Crawford
*	Chiricahua leopard frog	<i>Lithobates chiricahuensis</i>	T	Cat Crawford
	Lowland leopard frog	<i>Lithobates yavapaiensis</i>	O	Cat Crawford
*	Northern leopard frog	<i>Lithobates pipiens</i>	O	Shaula Hedwall
	Plains leopard frog	<i>Lithobates blairi</i>	O	Jeff Servoss
	Relict leopard frog	<i>Lithobates onca</i>	CA	Brian Wooldridge
*	Sonoran tiger salamander	<i>Ambystoma mavortium stebbinsi</i>	E	Cat Crawford
	Tarahumara frog	<i>Lithobates tarahumarae</i>	O	Cat Crawford

BIRDS

	American peregrine falcon	<i>Falco peregrinus anatum</i>	D	Greg Beatty
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D	Greg Beatty
	Burrowing owl	<i>Athene cunicularia</i>	O	Marit Alanen
	Cactus ferruginous pygmy owl	<i>Glaucidium brasilianum cactorum</i>	D	Scott Richardson
	California condor	<i>Gymnogyps californianus</i>	E	Brian Wooldridge
	California least tern	<i>Sterna antillarum browni</i>	E	Kathy Robertson
	Golden eagle	<i>Aquila chrysaetos</i>	O	Greg Beatty
	Masked bobwhite	<i>Colinus virginianus ridgewayi</i>	E	Scott Richardson
	Northern aplomado falcon	<i>Falco femoralis septentrionalis</i>	E	Jason Douglas
*	Mexican spotted owl	<i>Strix occidentalis lucida</i>	T	Shaula Hedwall
	Southwestern willow			
*	flycatcher	<i>Empidonax traillii extimus</i>	E	Greg Beatty
*	Thick-billed parrot	<i>Rhynchopsitta pachryncha</i>	E	Jason Douglas

*	Western yellow-billed cuckoo	<i>Coccyzus americanus</i>	T	Jason Douglas
	Whooping crane	<i>Grus americana</i>	E	Jason Douglas
*	Yuma clapper rail	<i>Rallus longirostris yumanensis</i>	E	Nichole Engelmann

FISHES

	Apache trout	<i>Oncorhynchus gilae apache</i>	T	Rosie Gonzalez
	Beautiful shiner	<i>Cyprinella formosa</i>	T	Doug Duncan
	Bluehead sucker	<i>Pantosteus discobolus</i>	CA	Shaula Hedwall
	Bonytail	<i>Gila elegans</i>	E	Jessica Gwinn
	Colorado pikeminnow	<i>Ptychocheilus lucius</i>	E	Jessica Gwinn
	Desert sucker	<i>Catostomas (Pantosteus) clarki</i>	O	Unassigned
*	Desert pupfish	<i>Cyprinodon macularius</i>	E	Doug Duncan
	Flannelmouth sucker	<i>Catostomus latipinnis</i>	CA	Jessica Gwinn
*	Gila topminnow	<i>Poeciliopsis occidentalis</i>	E	Doug Duncan
*	Gila chub	<i>Gila robusta (Gila intermedia)</i>	E	Ryan Gordon
	Gila trout	<i>Oncorhynchus gilae gilae</i>	T	Rosie Gonzalez
	Headwater chub	<i>Gila [nigra] robusta</i>	CA	Ryan Gordon
	Humpback chub	<i>Gila cypha</i>	E	Jessica Gwinn
*	Little Colorado spinedace	<i>Lepidomeda vittata</i>	T	Shaula Hedwall
	Little Colorado sucker spp.	<i>Catostomas spp.</i>	CA	Shaula Hedwall
*	Loach minnow	<i>Tiaroga cobitis</i>	E	Mary Richardson
	Longfin dace	<i>Agosia chrysogaster</i>	O	Nichole Englemann
	Mexican stoneroller	<i>Campostoma ornatum</i>	O	Doug Duncan
	Razorback sucker	<i>Xyrauchen texanus</i>	E	Jessica Gwinn
	Rio Sonoyta longfin dace	<i>Agosia chrysogaster (?)</i>	O	Doug Duncan
	Roundtail chub	<i>Gila robusta</i>	CA	Ryan Gordon
	Speckled dace	<i>Rhinichthys osculus</i>	O	Unassigned
*	Spikedace	<i>Meda fulgida</i>	E	Mary Richardson
	Sonora chub	<i>Gila ditaenia</i>	T	Jason Douglas
	Sonora sucker	<i>Catostomas insignis</i>	O	Mary Richardson
	Striped mullet	<i>Mugil cephalus</i>	O	Jessica Gwinn
	Virgin chub	<i>Gila seminuda</i>	E	Brian Wooldridge

Virgin spinedace	<i>Lepidomeda mollispinis mollispinis</i>	CA, P90	Brian Wooldridge
Woundfin	<i>Plagopterus argentissimus</i>	E	Brian Wooldridge
Yaqui catfish	<i>Ictalurus pricei</i>	T	Doug Duncan
Yaqui chub	<i>Gila purpurea</i>	E	Doug Duncan
Yaqui topminnow	<i>Poeciliopsis o. sonoriensis</i>	E	Doug Duncan
Zuni bluehead sucker	<i>Catostomus discobolus yarrowi</i>	E	Shaula Hedwall

INVERTEBRATES

* Bylas springsnail	<i>Pyrgulopsis arizonae</i>	P90	Nichole Engelmann
* Ferris' copper	<i>Lycaena ferrisi</i>	P90	Nichole Engelmann
* Gila tyronia	<i>Tryonia gilae</i>	P90	Nichole Engelmann
Grand Canyon pseudoscorpion	<i>Archeolarca cavicola</i>	O	Brian Wooldridge
* Grand Wash springsnail	<i>Pyrgulopsis bacchus</i>	P90	Brian Wooldridge
* Huachuca springsnail	<i>Pyrgulopsis thompsoni</i>	O	Nichole Engelmann
* Huachuca woodland snail	<i>Ashmunella levettei</i>	P90	Nichole Engelmann
* Kanab ambersnail	<i>Oxyloma haydeni kanabensis</i>	E	Jessica Gwinn
* Kingman springsnail	<i>Pyrgulopsis conica</i>	P90	Brian Wooldridge
Mojave poppy bee	<i>Perdita meconis</i>	P90	Jessi Miller
Monarch butterfly	<i>Danaus plexippus</i>	P90	Jessi Miller
* Notodontid moth (NCN)	<i>Astylis</i> sp. 1	P90	Erin Fernandez
* Notodontid moth (NCN)	<i>Heterocampa</i> sp. 1 nr Amanda	P90	Erin Fernandez
* Notodontid moth (NCN)	<i>Litodonta</i> sp. 1 nr alpine	P90	Unassigned
* Page springsnail	<i>Pyrgulopsis morrisoni</i>	CA	Shaula Hedwall
Phoenix (Squaw Peak) talussnail	<i>Maricopella allynsmithi</i>	P90	Kathy Robertson
* Pinaleño talussnail	<i>Sonorella grahamensis</i>	P90	Cat Crawford
* Quitobaquito tryonia	<i>Tryonia quitobaquidae</i>	P90	Doug Duncan
Red rock stonefly	<i>Anocroneuria wipukupa</i>	O	Unassigned
* Sabino dancer damselfly	<i>Argia sabino</i>	P90	Unassigned
* San Bernadino springsnail	<i>Pyrgulopsis bernardina</i>	T	Nichole Engelmann
* San Xavier talussnail	<i>Sonorella eremita</i>	CA	Cat Crawford
* Sonoran talussnail	<i>Sonorella magdalenensis</i>	P90	Cat Crawford

*	Stephan's riffle beetle	<i>Heterelmis stephani</i>	O	Mary Richardson
*	Three Forks springsnail	<i>Pyrgulopsis trivialis</i>	E	Nichole Engelmann
*	Verde Rim springsnail	<i>Pyrgulopsis glandulosa</i>	P90	Shaula Hedwall
	Western bumblebee	<i>Bombus occidentalis</i>	P90	Cat Crawford
*	Wet Canyon talussnail	<i>Sonorella macrophallus</i>	CA	Cat Crawford

MAMMALS

	Black-footed ferret	<i>Mustela nigripes</i>	E	Jessi Miller
	Black-tailed prairie dog	<i>Cynomys ludovicianus</i>	O	Cat Crawford
	Gunnison's prairie dog	<i>Cynomys gunnisoni</i>	O	Jessi Miller
*	Hualapai Mexican vole	<i>Microtus mexicanus hualpaiensis</i>	D	Jennifer Kaplan
*	Jaguar	<i>Panthera onca</i>	E	Marit Alanen
*	Jaguarundi	<i>Herpailurus yagouaroundi tolteca</i>	E	Erin Fernandez
	Lesser long-nosed bat	<i>Leptonycteris curasoae yerbabuena</i>	D	Scott Richardson
*	Mexican wolf	<i>Canis lupus baileyi</i>	E	Ryan Gordon
	Mount Graham red squirrel	<i>Tamiasciurus hudsonicus grahamensis</i>	E	Marit Alanen
	New Mexico jumping mouse	<i>Zapus hudsonius luteus</i>	E	Ryan Gordon
	Ocelot	<i>Leopardus (Felis) pardalis</i>	E	Erin Fernandez
	Sonoran pronghorn	<i>Antilocapra americana sonoriensis</i>	E	Erin Fernandez

MOLLUSKS

	California floater	<i>Anodonta californiensis</i>	O	Nichole Englemann
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PLANTS

*	Arizona agave	<i>Agave arizonica</i>	D	Julie Crawford
		<i>Echinomastus erectocentrus var.</i>		
*	Acuña cactus	<i>acunensis</i>	E	Julie Crawford
*	Arizona bugbane	<i>Cimicifuga arizonica</i>	CA	Julie Crawford
*	Arizona cliffrose	<i>Purshia subintegra</i>	E	Jessi Miller
*	Arizona eryngo	<i>Eryngium sparganophyllum</i>	P90	Erin Fernandez

		<i>Echinocereus triglochidiatus</i> var.		
*	Arizona hedgehog cactus	<i>arizonicus</i>	E	Kathy Robertson
*	Arizona willow	<i>Salix arizonica</i>	CA	Julie Crawford
*	Bartram stonecrop	<i>Graptopetalum bartrami</i>	P90	Julie Crawford
*	Beardless chinch weed	<i>Pectis imberbis</i>	P90	Julie Crawford
*	Brady pincushion cactus	<i>Pediocactus bradyi</i>	E	Brian Wooldridge
*	Canelo Hills ladies'-tresses	<i>Spiranthes delitescens</i>	E	Julie Crawford
*	Chihuahua scurfpea	<i>Pediomelum pentaphyllum</i>	P90	Julie Crawford
*	Cochise pincushion cactus	<i>Corypantha robbinsorum</i>	T	Julie Crawford
	Coleman's coralroot	<i>Hexalectris colemanii</i>	O	Kathy Robertson
		<i>Pediocactus peeblesianus</i> var.		
*	Fickeisen plains cactus	<i>fickeiseniae</i>	E	Kathy Robertson
	Fish Creek fleabane	<i>Erigeron piscaticus</i>	O	Julie Crawford
	Gentry indigo bush	<i>Dalea tentaculoides</i>	O	Julie Crawford
*	Gierisch mallow	<i>Sphaeralcea gierischii</i>	E	Brian Wooldridge
*	Gooddings onion	<i>Allium gooddingii</i>	CA	Julie Crawford
	Holmgren milk-vetch	<i>Astragalus holmgreniorum</i>	E	Brian Wooldridge
	Huachuca Mountain milkvetch	<i>Astragalus hypoxylus</i>	O	Julie Crawford
*	Huachuca water umbel	<i>Lilaeopsis schaffneriana</i> ssp. <i>recurva</i>	E	Julie Crawford
	Jones' cycladenia	<i>Cycladenia humilis</i> var. <i>jonesii</i>	T	Brian Wooldridge
	Joshua tree	<i>Yucca brevifolia</i>	SSA	Brian Wooldridge
*	Kearney blue star	<i>Amsonia kearneyana</i>	E	Julie Crawford
	Las Vegas bearpoppy	<i>Arctomecon californica</i>	P90	Jessi Miller
	Lemmon fleabane	<i>Erigeron lemmonii</i>	O	Julie Crawford
*	Morton's wild buckwheat	<i>Eriogonum mortonianum</i>	P90	Brian Wooldridge
*	Navajo bladderpod	<i>Lesquerella navajoensis</i>	P90	John Nystedt
*	Navajo sedge	<i>Carex specuicola</i>	T	John Nystedt
		<i>Echinocactus horizonthalonius</i> var.		
*	Nichol Turk's head cactus	<i>nicholii</i>	E	Kathy Robertson
	Paradine (Kaibab) plains cactus	<i>Pediocactus paradinei</i>	CA	Shaula Hedwall

*	Peebles Navajo cactus	<i>Pediocactus peeblesianus</i> var. <i>peeblesianus</i>	E	Kathy Robertson
	Peirson's milk-vetch	<i>Astragalus magdalenae</i> var. <i>peirsonii</i>	T	Julie Crawford
*	Pima pineapple cactus	<i>Coryphantha scheeri</i> var. <i>robustispina</i>	E	Julie Crawford
*	Pipe Springs cryptantha	<i>Cryptantha semiglabra</i>	P90	Brian Wooldridge
*	San Francisco Peaks ragwort Santa Rita mountain yellowshow	<i>Packera franciscana</i> <i>Amoreuzia gonzalezii</i> <i>Astragalus cremnophylax</i> var. <i>cremnophylax</i>	T O	Shaula Hedwall Julie Crawford
*	Sentry milk-vetch	<i>Astragalus cremnophylax</i> var. <i>cremnophylax</i>	E	Jessi Miller
*	Siler pincushion cactus	<i>Pediocactus sileri</i>	T	Brian Wooldridge
	Three corner milkvetch	<i>Astragalus geyeri</i> var. <i>triquetrus</i>	P90	Brian Wooldridge
*	Tumamoc globeberry	<i>Tumamoca macdougalii</i>	D	Julie Crawford
	Welsh's milkweed	<i>Asclepias welshii</i>	T	John Nystedt
	White margined beard tongue	<i>Penstemon albomarginatus</i>	Petition?	Brian Wooldridge
	Wright's marsh thistle	<i>Cirsium wrightii</i>	P90	Julie Crawford
	Zuni fleabane	<i>Erigeron rhizomatus</i>	T	John Nystedt

REPTILES

	Arizona night lizard			
*		<i>Xantusia arizonae</i> or <i>X. vigilis arizonae</i>	O	Kathy Robertson
*	Arizona striped whiptail	<i>Aspidoscelis arizonae</i>	O	Jeff Servoss
*	Bezy's night lizard	<i>Xantusia bezyi</i>	O	Kathy Robertson
	Desert massasauga	<i>Sistrurus catenatus edwardsii</i>	P90	Jeff Servoss
	Flat-tailed horned lizard	<i>Phrynosoma mcallii</i>	CA	Cat Crawford
	Mojave Desert tortoise	<i>Gopherus agassizii</i>	T	Brian Wooldridge
*	Narrow headed gartersnake	<i>Thamnophis rufipuctatus</i>	T	Jeff Servoss
	New Mexico ridge-nosed rattlesnake	<i>Crotalus willardi obscurus</i>	T	Jeff Servoss

* Northern Mexican gartersnake	<i>Thamnophis eques megalops</i>	T	Jeff Servoss
* Sonoran desert tortoise	<i>Gopherus morafkaii</i>	CA	Jeff Servoss
* Sonoyta mud turtle	<i>Kinosternon sonoriense longifemorale</i>	E	Cat Crawford
* Tucson shovel-nosed snake	<i>Chionactis occipitalis klauberi</i>	O	Marit Alanen
* Yuman desert fringe-toed lizard	<i>Uma rufipunctata</i>	P90	Cat Crawford