

Positive Findings in 2009 for 110 Species Petitioned by WildEarth Guardians

Species	Common name	Threats	Date of Finding	FWS Region
<i>Aspidoscelis arizonae</i>	Arizona striped whiptail	Factor A - habitat loss from development and grazing	12/16/09	Region 2
<i>Notophthalmus meridionalis</i>	black-spotted newt	Factor E - herbicides and pesticides	12/16/09	Region 2
<i>Eurycea robusta</i>	Blanco blind salamander	Factor A - water pollutants and water withdrawal	12/16/09	Region 2
<i>Eurycea tridentifera</i>	Comal blind salamander	Factor A - groundwater withdrawal and contamination	12/16/09	Region 2
<i>Eurycea neotenes</i>	Texas salamander	Factor A - drought	12/16/09	Region 2
<i>Eurycea sp. 8</i>	Comal Springs salamander	Factor A - groundwater withdrawal and contamination	12/16/09	Region 2
<i>Macrhybopsis tetranema</i>	Arkansas River Speckled Chub	Factor A - dewatering/dams; Factor E	12/16/09	Region 2
<i>Ictalurus sp. 1</i>	Chihuahuan catfish	Factor A - pollution, dewatering, non-natives	12/16/09	Region 2
<i>Cyprinella sp. 2</i>	Nueces shiner	Factor A - reduced water flow, pollution, livestock grazing	12/16/09	Region 2
<i>Cyprinodon pecosensis</i>	Pecos pupfish	Factor A - habitat loss from water quality/quantity issues, Factor E - hybridization	12/16/09	Region 2
<i>Cyprinella lepida</i>	Plateau shiner	Factor A - reduced water flow, pollution, livestock grazing	12/16/09	Region 2
<i>Gambusia clarkhubbsi</i>	San Felipe gambusia	Factor A - development, pollution	12/16/09	Region 2
<i>Trogloglanis pattersoni</i>	toothless blindcat	Factor A and E - water draw-down and pollution, competition	12/16/09	Region 2
<i>Cyprinodon tularosa</i>	White Sands pupfish	Factor A - exotic ungulate, missile-firing, water withdrawal, salt cedar	12/16/09	Region 2
<i>Satan eurystomus</i>	Widemouth blindcat	Factor A and E - water draw-down and pollution, competition	12/16/09	Region 2
<i>Pleurobema riddellii</i>	Louisiana pigtoe	Factor A - general human modification of water and adjacent land, siltation, impoundments, water pollution	12/16/09	Region 2
<i>Pisidium sanguinichristi</i>	Sangre de Cristo peaclam	Factor A - water pollution	12/16/09	Region 2
<i>Toxolasma corvunculus</i>	Southern purple lilliput	Factor A - impoundments, poor water quality	12/16/09	Region 2
<i>Fusconaia lananensis</i>	Triangle pigtoe	Factor A - sand deposition, poor land and water management	12/16/09	Region 2
<i>Pyrgulopsis arizonae</i>	Bylas springsnail	Factor A - water modification, grazing	12/16/09	Region 2
<i>Ashmunella macromphala</i>	Cook's Peak woodlandsnail	Factor A - fire, rockslides mining; and Factor E - climate change	12/16/09	Region 2
<i>Sonorella todseni</i>	Dona Ana talussnails	Factor E - climate change	12/16/09	Region 2
<i>Tryonia gilae</i>	Gila tryonia	Factor A - groundwater depletion and reduction of spring flows	12/16/09	Region 2
<i>Pyrgulopsis bacchus</i>	Grand Wash springsnail	Factor A - groundwater depletion, loss of springsnails, livestock	12/16/09	Region 2
<i>Ashmunella levettei</i>	Huachuca woodlandsnail	Factor E - inbreeding	12/16/09	Region 2

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<i>Pyrgulopsis conica</i>	Kingman springsnail	Factor A - groundwater depletion, human development, loss of spring flow	12/16/09	Region 2
<i>Phreatodrobia imitata</i>	Mimic cavesnail	Factor A - groundwater withdrawal and contamination	12/16/09	Region 2
<i>Oreohelix pilsbryi</i>	Mineral Creek mountainsnail	Factor A - habitat disturbance	12/16/09	Region 2
<i>Pyrgulopsis pecosensis</i>	Pecos springsnail	Factor A - dewatering, depletion, and flood scouring	12/16/09	Region 2
<i>Sonorella grahamensis</i>	Pinaleno talussnail	Factor A - fire	12/16/09	Region 2
<i>Tryonia quitobaquiae</i>	Quitobaquito tryonia	Factor A - groundwater pumping, lack of free flowing water	12/16/09	Region 2
<i>Sonorella eremita</i>	San Xavier talussnail	Factor A - mining	12/16/09	Region 2
<i>Maricopella allynsmithi</i>	Squaw Park talussnail	Factor A - residential development, recreation	12/16/09	Region 2
<i>Pyrgulopsis glandulosa</i>	Verde Rim springsnail	Factor A - water development, groundwater depletion	12/16/09	Region 2
<i>Sonorella macrophallus</i>	Wet Canyon talussnail	Factor A - recreation, fire	12/16/09	Region 2
<i>Cicindela theatina</i>	Colorado tiger beetle or Great Sand Dunes Tiger Beetle	Factor A - off-site depletion of groundwater	12/16/09	Region 2
<i>Haideoporus texanus</i>	Edwards Aquifer diving beetle	Factor A - water drawdown, loss of water quality due to development	12/16/09	Region 2
<i>Lycaena ferrisi</i>	Ferris's copper	Factor A - fire suppression	12/16/09	Region 2
<i>Astylis sp. 1</i>	Notodontith moth	Factor A - fire	12/16/09	Region 2
<i>Heterocampa sp. 1 nr. amanda</i>	Notodontith moth	Factor A - fire	12/16/09	Region 2
<i>Litodonta sp. 1 nr. alpina</i>	Notodontith moth	Factor A - fire	12/16/09	Region 2
<i>Ursia furtiva</i>	Notodontith moth	Factor A - fire, development	12/16/09	Region 2
<i>Papaipema eryngii</i>	Rattlesnake master borer moth	Factor A - fire; Factor B - overcollection; Factor E - loss of genetics and inability to colonize former habitat	12/16/09	Region 2
<i>Sphingicampa blanchardi</i>	Royal moth	Factor A - agriculture	12/16/09	Region 2
<i>Argia sabino</i>	Sabino dancier	Factor A - hydrological alteration/reduced water flow; Factor C - increased predation due to pool contraction; Factor E - increased time for larval development	12/16/09	Region 2
<i>Anacroneuria wipukupa</i>	Stonefly	Factor A - pollution	12/16/09	Region 2
<i>Agapema galbina</i>	Tamaulipan agapema	Factor A - conversion to crops	12/16/09	Region 2

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<i>Archeolarca cavicola</i>	Grand Canyon Cave scorpion	Factor A - groundwater pollution, recreational impacts; Factor D - unregulated visitation	12/16/09	Region 2
<i>Cambarus subterraneus</i>	Delaware County Cave crayfish	Factor A - pollution	12/16/09	Region 2
<i>Orconectes saxatilis</i>	Kiamichi crayfish	Factor A - impoundment, channelization, water quality degradation, dewatering	12/16/09	Region 2
<i>Cambarus tartarus</i>	Oklahoma Cave crayfish	Factor A - water pollution and habitat transformation	12/16/09	Region 2
<i>Lirceolus smithii</i>	Texas troglobitic water slater	Factor A - aquifer drawdowns, water quality	12/16/09	Region 2
<i>Agalinis navasotensis</i>	Navasota false foxglove	Factor A - road widening, trampling, off-road vehicles	12/16/09	Region 2
<i>Amoreuxia gonzalezii</i>	Santa Rita yellowshow	Factor A - development, mining; Factor C - herbivory by cattle and javelina; Factor E - competition from non-native plants	12/16/09	Region 2
<i>Amsonia tharpii</i>	Tharp's blue star	Factor A - erosion, gas development, mowing; Factor E - competition with non-native plants	12/16/09	Region 2
<i>Asclepias prostrata</i>	Prostrate milkweed	Factor A - roadside mowing, exotic grass planting	12/16/09	Region 2
<i>Astragalus hypoxylus</i>	Huachuca milkvetch	Factor A - recreation, livestock grazing; Factor E - adverse impacts to the bees that pollinate this plant	12/16/09	Region 2
<i>Castilleja ornata</i>	Glowing Indian paintbrush	Factor A - livestock grazing, conversion to cropland	12/16/09	Region 2
<i>Erigeron piscaticus</i>	Fish Creek fleabane	Factor A - recreation, poor watershed conditions, flooding	12/16/09	Region 2
<i>Eriogonum mortonianum</i>	Morton's wild buckwheat	Factor A - road maintenance, livestock	12/16/09	Region 2
<i>Genistidium dumosum</i>	Brush pea	Factor A - highway construction, recreation; Factor B - overcollection; Factor E - lack of recruitment	12/16/09	Region 2
<i>Hexalectris revoluta</i>	Chisos coralroot	Factor A - mining development	12/16/09	Region 2
<i>Lesquerella kaibabensis</i>	Kaibab bladderpod	Factor A - highway widening and maintenance, off-road vehicles; Factor C - livestock grazing on national forest	12/16/09	Region 2
<i>Paronychia congesta</i>	Bushy whitlow-wort	Factor A - right of way construction and maintenance, pipeline installation, oil and gas exploration, well pad construction; Factor E - drought or freezes	12/16/09	Region 2
<i>Pediomelum pentaphyllum</i>	Chihuahua scurfpea	Factor E - herbicides	12/16/09	Region 2
<i>Salvia pentstemonoides</i>	Big Red sage	Factor A - aquifer drawdown, Factor B - overutilization; Factor E - flooding	12/16/09	Region 2

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<i>Donrichardsia macroneuron</i>	Fern Ally	Factor A - drought, changes in hydrology	12/16/09	Region 2
<i>Lampsilis bracteata</i>	Texas fatmucket	Factor A - habitat loss	12/15/09	Region 2
<i>Potamilus amphichaenus</i>	Texas heelsplitter	Factor A - habitat loss	12/15/09	Region 2
<i>Potamilus metnecktayi</i>	Salina mucket	Factor A - habitat loss; Factor E - isolation of remaining populations	12/15/09	Region 2
<i>Quadrula aurea</i>	Golden orb	Factor A - habitat loss	12/15/09	Region 2
<i>Quadrula houstonensis</i>	Smooth pimpleback	Factor A - habitat loss	12/15/09	Region 2
<i>Quadrula petrina</i>	Texas pimpleback	Factor A - habitat loss; Factor B - rare shell collection; Factor D - inadequate protection	12/15/09	Region 2
<i>Quincuncina mitchelli</i>	False spike	Factor A - habitat loss	12/15/09	Region 2
<i>Truncilla cognata</i>	Mexican fawnsfoot	Factor A - habitat loss	12/15/09	Region 2
<i>Truncilla macrodon</i>	Texas fawnsfoot	Factor A - habitat loss	12/15/09	Region 2
<i>Anthus spragueii</i>	Sprague's pipit	Factor A - conversion of grasslands; Factor D - inadequate legal protections for its habitat	12/3/09	Region 6
<i>Cirsium wrightii</i>	Wright's marsh thistle	Factor A - wetlands alteration; Factor C - weevil predation; Factor D - inadequate legal protections; Factor E - drought, competition with other species	9/10/09	Region 2
<i>Gopherus agassizii</i>	Sonoran desert tortoise	All five listing factors	8/28/09	Region 2
<i>Abronia ammophila</i>	Yellowstone sand verbena	Factor A - recreation; Factor E - small population size and narrow range	8/18/09	Region 6
<i>Agrostis rossiae</i>	Ross' bentgrass	Factor A - recreation, competition from other plants; Factor E - changing thermal activity	8/18/09	Region 6
<i>Arabis pusilla</i>	Fremont County rockcress	Factor A - off-road vehicles	8/18/09	Region 6
<i>Astragalus hamiltonii</i>	Hamilton milkvetch	Factor A - energy exploration and development	8/18/09	Region 6
<i>Astragalus iselyi</i>	Isely milkvetch	Factor A - uranium mining, off-road vehicles	8/18/09	Region 6
<i>Astragalus microcymbus</i>	Skiff milkvetch	Factor A - off-road vehicles, Factor E - drought	8/18/09	Region 6
<i>Astragalus proimanthus</i>	Precocious milkvetch	Factor A - energy exploration and development	8/18/09	Region 6
<i>Astragalus sabulosus</i>	Cisco milkvetch	Factor A - energy exploration and development	8/18/09	Region 6
<i>Astragalus schmolliae</i>	Schmoll milkvetch	Factor A - fire, non-native plants, grazing, road construction; Factor E - drought	8/18/09	Region 6
<i>Catinella gelida</i>	Frigid ambersnail	Factor A - roads, livestock trampling, logging	8/18/09	Region 6

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<i>Corispermum navicula</i>	Boat-shaped bugseed	Factor A - off-road vehicles	8/18/09	Region 6
<i>Cryptantha semiglabra</i>	Pipe Springs cryptantha	Factor A - off-road vehicles, grazing	8/18/09	Region 6
<i>Draba weberi</i>	Weber whitlowgrass	Factor A - recreation, road construction, dam maintenance	8/18/09	Region 6
<i>Eriogonum brandegeei</i>	Brandegee's wild buckwheat	Factor A - recreation, off-road vehicle use, development, road construction; Factor D - inadequate legal protections	8/18/09	Region 6
<i>Eriogonum soledium</i>	Frisco buckwheat	Factor A - mining	8/18/09	Region 6
<i>Ironoquia plattensis</i>	Platte River caddisfly	Factor A - impoundments, dewatering, land management, channel modifications	8/18/09	Region 6
<i>Lednia tumana</i>	Mist forestfly	Factor E - climate change	8/18/09	Region 6
<i>Lepidium ostleri</i>	Ostler's peppergrass	Factor A - mining	8/18/09	Region 6
<i>Lepidomeda copei</i>	Northern leatherside chub	Factor A - water development, stream alteration, livestock grazing, non-native species	8/18/09	Region 6
<i>Lesquerella navajoensis</i>	a bladderpod	Factor A - mining	8/18/09	Region 6
<i>Penstemon flowersii</i>	Flowers penstemon	Factor A - off-road vehicle use, energy exploration and development	8/18/09	Region 6
<i>Penstemon gibbensii</i>	Gibbens penstemon	Factor A - off-road vehicle use, energy exploration and development, grazing	8/18/09	Region 6
<i>Pyrgulopsis anguina</i>	Longitudinal gland pyrg	Factor A - spring diversion, roads, development, agriculture; Factor E - climate change, drought	8/18/09	Region 6
<i>Pyrgulopsis hamlinensis</i>	Hamlin Valley pyrg	Factor A - spring diversion, roads, development, agriculture, groundwater depletion; Factor E - climate change, drought	8/18/09	Region 6
<i>Pyrgulopsis saxatilis</i>	Sub-globose snake pyrg	Factor A - spring diversion, roads, development, agriculture, groundwater depletion; Factor E - climate change, drought	8/18/09	Region 6
<i>Sisyrinchium sarmentosum</i>	Pale blue-eyed grass	Factor A - development, livestock grazing, plant succession, off-road vehicles; Factor E - drought, climate change, genetics	8/18/09	Region 6
<i>Oreohelix sp. 3</i>	Bearmouth mountainsnail	Factor A - highways and associated species	8/18/09	Region 6
<i>Oreohelix sp. 31</i>	Byrne Resort mountainsnail	Factor A - road construction	8/18/09	Region 6
<i>Trifolium friscanum</i>	Frisco clover	Factor A - mining	8/18/09	Region 6
<i>Plethodon neomexicanus</i>	Jemez Mountains salamander	Factor A - habitat loss, Factor C - disease, Factor D - inadequate protections; Factor E - climate change	8/11/09	Region 2

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<i>Lepus callotis</i>	White-sided jackrabbit	Factor A - habitat loss from grazing, drought, and fire suppression; Factor B - hunting; Factor D - inadequate protections	7/22/09	Region 2
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Threats follow the Endangered Species Act listing factors:  
 Factor A = Habitat loss and degradation  
 Factor B = Overutilization  
 Factor C = Disease or Predation  
 Factor D = Inadequate regulatory mechanisms  
 Factor E = Other natural or man-made factors