

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
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December 22, 2010

In Reply Refer To:  
6840 (932) P

EMS TRANSMISSION 12/29/10  
Instruction Memorandum No. AZ-2011-005 **Expired**  
Expires: Until Cancelled or Superseded

To: All Field Offices

From: State Director

Subject: Updated Bureau of Land Management (BLM) Sensitive Species List for Arizona

**Purpose:** The purpose of this Instruction Memorandum (IM) is to identify the BLM sensitive plant and animal species on BLM-administered lands in Arizona in compliance with Manual Section 6840 and to clarify requirements regarding Sensitive Species.

**Policy/Action:** The BLM Sensitive Species List for Arizona is attached. Because of the dynamic nature of candidate species designation by the U.S. Fish and Wildlife Service (USFWS) or National Marine Fisheries Service, we recognize that candidate species cannot all be kept up to date on any BLM Sensitive Species List. As such, they will not be separately acknowledged on the Arizona BLM Sensitive Species list. It is incumbent upon each office to keep current with the status of candidate species in Arizona. The USFWS species list for the State can be accessed through the Arizona Ecological Services Home Page listed below and provides the current list of candidate, proposed and listed species:

<http://www.fws.gov/southwest/es/arizona/Documents/CountyLists/Statewide.pdf>

Currently, candidate species which occur on public lands in Arizona or that may be affected by actions on public lands in Arizona are:

Acuna Cactus, *Echinomastus erectocentrus* var. *acunensis*  
Fickeisen Plains Cactus, *Pediocactus peeblesianus* var. *fickeiseniae*  
Gierisch Mallow, *Sphaeralcea gierischii*  
Headwater Chub, *Gila nigra*  
Northern Mexican Gartersnake, *Thamnophis eques megalops*

Relict Leopard Frog, *Lithobates onca*  
 Roundtail Chub, *Gila robusta*  
 Sonoran Desert Tortoise, *Gopherus agassizii*  
 Sprague's Pipit, *Anthus spragueii* (wintering)  
 Tucson Shovel-Nosed Snake, *Chionactis occipitalis klauberi*  
 Yellow-Billed Cuckoo, *Coccyzus americanus*

In addition to the species identified in the attached list and the candidate species listed above, all species identified by California BLM as BLM Sensitive, which occur on public lands in California administered by the Lake Havasu and Yuma Field Offices, are to be managed as BLM Sensitive in California. The lists of California BLM Sensitive wildlife and plant species can be found on the California BLM public website pages listed below:

<http://www.blm.gov/style/medialib/blm/ca/pdf/pa/wildlife.Par.13499.File.dat/BLM%20Sensitive%20Animal%20Update%20SEP2006.pdf>

[http://www.blm.gov/style/medialib/blm/ca/pdf/pdfs/pa\\_pdfs/biology\\_pdfs.Par.0216dd51.File.pdf/SensitivePlants.pdf](http://www.blm.gov/style/medialib/blm/ca/pdf/pdfs/pa_pdfs/biology_pdfs.Par.0216dd51.File.pdf/SensitivePlants.pdf)

**Time frame:** This list is in effect until the list is updated.

**Background:** Under the revised manual Section 6840, the criteria for BLM sensitive species have changed. The guidance provided in the manual for listing BLM sensitive species is:

In compliance with existing laws, including the BLM multiple use mission as specified in the Federal Land Policy and Management Act, the BLM shall designate BLM sensitive species and implement measures to conserve these species and their habitats, including Endangered Species Act (ESA) proposed critical habitat, to promote their conservation and reduce the likelihood and need for such species to be listed pursuant to the ESA. All federally designated candidate species, proposed species, and delisted species in the 5 years following their delisting shall be conserved as BLM sensitive species.

A. State Directors shall designate species within their respective states as BLM sensitive using the following criteria. For species inhabiting multiple states, State Directors shall coordinate with one another in the designation of BLM sensitive species, so that species status is consistent across the species' range on BLM-administered lands, where appropriate.

Species designated as BLM sensitive must be native species found on BLM-administered lands for which the BLM has the capability to significantly affect the conservation status of the species through management, and either:

- (1) There is information that a species has recently undergone, is undergoing, or is predicted to undergo a downward trend such that the viability of the species or a distinct population segment of the species is at risk across all or a significant portion of the species range, or;
- (2) The species depends on ecological refugia or specialized or unique habitats on BLM-administered lands, and there is evidence that such areas are threatened with alteration such that the continued viability of the species in that area would be at risk.

The Arizona BLM Sensitive Species List was developed following the criteria described above using data from the 2010 Revised Arizona Game and Fish Department (AGFD) Species of Greatest Conservation Need (SGCN) list. Additional information was gathered from interviews with AGFD Nongame Program Specialists, BLM Field Office Biologists/Botanists, and comments received from USFWS Arizona Ecological Services Field Office (March 2009). Additional resources considered include the 2010 California BLM Sensitive lists, 2007 Forest Service Southwest Regional Lists, 2006 *Species at Risk Report for New Mexico and Arizona*, and discussions with New Mexico State Office staff.

**Manual/Handbook Sections Affected:** Manual Section 6840 is affected.

**Contact:** If you have any questions, please contact Tim Hughes, Endangered Species Coordinator, at 602-417-9356 or contact John Anderson, Botanist, at 623-580-5520.

SIGNED BY  
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for James G. Kenna

AUTHENTICATED BY  
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Staff Assistant

1 Attachment:

1 - [Arizona BLM Sensitive Species List](#) (5 pp)

cc: WO230

## Arizona Bureau of Land Management Sensitive Species List – December 2010

Common Name	Scientific Name	Colorado River District	Phoenix District	Arizona Strip District	Gila District	Unique Habitat
<b>All federally designated candidate species, proposed species, and delisted species in the 5 years following their delisting shall be conserved as Bureau sensitive species.</b>						
<b>AMPHIBIANS</b>						
Great Plains Narrow-mouthed Toad	<i>Gastrophryne olivacea</i>		v		v	healthy grasslands
Lowland Burrowing Treefrog	<i>Smilisca fodiens</i>		v			healthy grasslands
Lowland Leopard Frog	<i>Lithobates yavapaiensis</i>	v	v		v	wetlands
Northern Leopard Frog	<i>Lithobates pipiens</i>	v	h	v	h	wetlands
Plains Leopard Frog	<i>Lithobates blairi</i>				h	wetlands
Sonoran Green Toad	<i>Bufo retiformis</i>		v		v	healthy grasslands
<b>BIRDS</b>						
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	v	v	v	v	cliffs
Arizona Botteri's Sparrow	<i>Peucaea botterii arizonae</i>				v	healthy grasslands
Arizona Grasshopper Sparrow	<i>Ammodramus savannarum ammoregus</i>				v	healthy grasslands
Bald Eagle (non-listed DPS)	<i>Haliaeetus leucocephalus</i>	v	v	h	v	undisturbed foraging/nesting areas
Cactus Ferruginous Pygmy-Owl	<i>Glaucidium brasilianum cactorum</i>		v		v	dense Sonoran scrub washes
California Black Rail	<i>Laterallus jamaicensis coturniculus</i>	v	h		h	marshes along Colorado River
Desert Purple Martin	<i>Progne subis hesperia</i>	h	v		v	saguaro cacti
Ferruginous Hawk (breeding population only)	<i>Buteo regalis</i>	v	v	v	v	healthy grasslands
Gilded Flicker	<i>Colaptes chrysoides</i>	v	v		h	saguaro cacti
Golden Eagle	<i>Aquila chrysaetos</i>	v	v	v	v	significant cliffs, large undeveloped areas
Le Conte's Thrasher	<i>Toxostoma lecontei</i>	v	v		h	remote creosote scrub
Northern Goshawk	<i>Accipiter gentilis atricapillus</i>	v	v	v	h	healthy forests
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	v	v	v	v	healthy pinyon pine
Western Burrowing Owl	<i>Athene cunicularia hypugaea</i>	v	v	v	v	grasslands, undeveloped valley bottoms

<b>FISH</b>						
Bluehead Sucker	<i>Catostomus discobolus</i>			v	h	aquatic
Desert Sucker	<i>Catostomus clarki</i>	v	v	v	v	aquatic
Flannelmouth Sucker	<i>Catostomus latipinnis</i>			v		aquatic
Little Colorado Sucker	<i>Catostomus</i> sp.				v	aquatic
Longfin Dace	<i>Agosia chrysogaster</i>	v	v		v	aquatic
Sonora Sucker	<i>Catostomus insignis</i>	v	v		v	aquatic
Speckled Dace	<i>Rhinichthys osculus</i>	v	v	v	v	aquatic
Virgin Spinedace	<i>Lepidomeda mollispinis mollispinis</i>			v		aquatic
<b>INVERTEBRATES</b>						
Arizona Cave Amphipod	<i>Stygobromus arizonensis</i>				h	caves
Bylas Springsnail	<i>Pyrgulopsis arizonae</i>				h	springs
Desert Springsnail	<i>Pyrgulopsis deserta</i>			v		springs
Gila Tryonia	<i>Tryonia gilae</i>				h	springs
Grand Wash Springsnail	<i>Pyrgulopsis bacchus</i>			h		springs
Hydrobiid Spring Snails	all species in genus <i>Pyrgulopsis</i>	v	h	v	v	springs
Kingman Springsnail	<i>Pyrgulopsis conica</i>	v				springs
Succineid Snails	all species in family <i>Succineidae</i>	h	h	h	h	springs
<b>MAMMALS</b>						
Allen's Big-eared Bat	<i>Idionycteris phyllotis</i>	v	h	h	v	caves, mines
Arizona Myotis	<i>Myotis occultus</i>	h	h	h	v	caves, mines
Banner-tailed Kangaroo Rat	<i>Dipodomys spectabilis</i>		h		v	healthy grasslands
Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>				v	healthy grasslands
California Leaf-nosed Bat	<i>Macrotus californicus</i>	v	v	v	v	caves, mines
Cave Myotis	<i>Myotis velifer</i>	v	v	h	v	caves, mines
Greater Western Mastiff Bat	<i>Eumops perotis californicus</i>	v	v	h	v	caves, mines
Gunnison's Prairie Dog	<i>Cynomys gunnisoni</i>	h	h	h	v	healthy grasslands

Houserock Valley Chisel-toothed Kangaroo Rat	<i>Dipodomys microps leucotis</i>			v		Atriplex scrub
Mexican Long-tongued Bat	<i>Choeronycteris mexicana</i>				v	caves, mines
Spotted Bat	<i>Euderma maculatum</i>	h	h	v	h	caves, mines
Townsend's Big-eared Bat	<i>Corynorhinus (=Plecotus) townsendii</i>	v	v	v	v	caves, mines
<b>REPTILES</b>						
Arizona Striped Whiptail	<i>Aspidoscelis arizonae</i>				h	healthy grasslands, north end of Wilcox Playa
Mohave Fringe-toed Lizard	<i>Uma scoparia</i>	v				sand
Desert Ornate Box Turtle	<i>Terrapene ornata</i>				v	healthy grasslands
Slevin's Bunchgrass Lizard	<i>Sceloporus slevini</i>				h	healthy grasslands
Sonora Mud Turtle	<i>Kinosternon sonoriense sonoriense</i>	v	v		v	riparian
Yuman Desert Fringe-toed Lizard	<i>Uma rufopunctata</i>	v				sand
<b>PLANTS</b>						
Aquarius Milkvetch	<i>Astragalus newberryi</i> var. <i>aquaria</i>	v				narrow range, limestone deposits, Burro Creek area
Aravaipa Sage	<i>Salvia amissa</i>				v	narrow range, floodplain terraces in shady canyons
Aravaipa Woodfern	<i>Thelypteris puberula</i> var. <i>sonorensis</i>	v			v	few scattered springs
Arizona Sonoran Rosewood	<i>Vauquelinia californica</i> ssp. <i>sonorensis</i>		v			relict species in shady canyons
Bartram Stonecrop	<i>Graptopetalum bartramii</i>				v	narrow range, rocky outcrops in canyons w/Madrean Woodland
Blue Sand Lily	<i>Triteleiosis palmeri</i>	v				sand dunes and sandy soils
California Flannelbush	<i>Fremontodendron californica</i>	v	v			relict populations in shady canyons
Chihuahua Breadroot	<i>Pediomelum pentaphyllum</i>				v	Healthy grasslands
Clifton Rock Daisy	<i>Perityle ambrosiifolia</i>				v	narrow range, cliff faces of Gila Conglomerate
Dalhouse Spleenwort	<i>Asplenium (=Ceterach) dalhousiae</i>				v	cliff face seeps, Mule Mts.

Diamond Butte Milkvetch	<i>Astragalus toanus</i> var. <i>scidulus</i>			v		narrow range, Moenkopi Formation badlands w/red soils
Fish Creek Fleabane	<i>Erigeron piscaticus</i>				h	narrow range, floodplain terraces in shady canyons
Gentry Indigo Bush	<i>Dalea tentaculoides</i>				h	narrow range, floodplain terraces in shady canyons
Giant Sedge	<i>Carex spissa</i> var. <i>ultra</i>		v		v	springs
Grand Canyon Rose	<i>Rosa stellata</i> var. <i>abyssa</i>			v		narrow range, limestone cliff rims
Huachuca Golden Aster	<i>Heterotheca rutteri</i>				v	narrow range, Plains Grassland, LCNCA
Huachuca Milkvetch	<i>Astragalus hypoxylus</i>				h	narrow range
Kaibab Pincushion [Plains] Cactus	<i>Pediocactus paradinei</i>			v		narrow range
Kearney Sumac	<i>Rhus kearneyi</i> ssp. <i>kearneyi</i>	v				relict species in shady canyons
Kofa Mt. Barberry	<i>Berberis harrisoniana</i>	h	h			relict species in shady canyons
Marble Canyon Indigo Bush	<i>Psoralea arborescens</i> var. <i>pubescens</i>			v		narrow range, red soils of Moenkopi Formation Marble Canyon
Marble Canyon Milkvetch	<i>Astragalus cremnophylax</i> var. <i>hevronii</i>			v		narrow range, limestone cliff rims, Marble Canyon
Mt Trumbull Beardtongue	<i>Penstemon distans</i>			v		narrow range, limestone soils
Murphey Agave	<i>Agave murpheyi</i>		v			low numbers, desert foothills, central AZ
Paria Plateau Fishhook Cactus	<i>Sclerocactus sileri</i>			v		narrow range, sandy soils, Paria Plateau
Parish Phacelia	<i>Phacelia parishii</i>	v				narrow range, limestone deposits, Burro Creek area, dry lake beds, Red Lake
Parish Wild Onion	<i>Allium parishii</i>	v				narrow range, higher elevation desert mts, Mohave Mts.
Pima Indian Mallow	<i>Abutilon parishii</i>				v	rocky slopes, good condition desert mts.
Pinto Beardtongue	<i>Penstemon bicolor</i>	v				narrow range, desert washes, Black Mts.
Purple-spike Coralroot	<i>Hexalectris warnockii</i>				v	few populations, leaf litter under Madrean Woodland
Round-leaf Broom	<i>Errazurizia rotundata</i>				v	narrow range, Shinarump Hills, Holbrook area
San Pedro River Wild Buckwheat	<i>Eriogonum terrenatum</i>				v	narrow range, limestone and clay soils of St. David Formation, SPRNCA

Sand Food	<i>Pholisma sonora</i>	v				sand dunes, Yuma
Scaly Sand Food	<i>Pholisma arenaria</i>	v				sand dunes, Cactus Plain
Schott Wire-lettuce	<i>Stephanomeria schottii</i>	v				sand dunes, sandy soils, Yuma area
September 11 Stickleaf	<i>Mentzelia memorabilis</i>			v		narrow range, gypsum soils of Harrisburg Formation
Silverleaf Sunray	<i>Enceliopsis argophylla</i>			v		narrow range, gypsum soils of Moenkopi Formation
Smooth Catseye	<i>Crypthantha semiglabra</i>			v		extremely narrow range
Sticky Wild Buckwheat	<i>Eriogonum viscidulum</i>			v		narrow range, sandy loam soils, Virgin River Valley
Three-cornered Milkvetch	<i>Astragalus geyeri</i> var. <i>triquetrus</i>			v		narrow range, sandy loam soils, Virgin River Valley
Tumamoc Globeberry	<i>Tumamoca macdougalii</i>		v		v	few populations, Sonoran Desert plains
White-margined Penstemon	<i>Penstemon albomarginatus</i>	v				narrow range, sandy loam soils, Dutch Flat

**All federally designated candidate species, proposed species, and delisted species in the 5 years following their delisting shall be conserved as Bureau sensitive species. See U.S. Fish and Wildlife Service list for current candidates.**

v=Known Occurrence, h=Probable, Potential or Hypothetical Occurrence, CA=Conservation Agreement, D=Delisted