



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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November 4, 2005

EMS TRANSMISSION: 11/04/05
Instruction Memorandum No. AZ-2006-002, Change 1
Expires: 09/30/2007

To: All Field Offices

From: State Director

Subject: Updated BLM Sensitive Species List for Arizona

DD: 09/30/2006

Purpose: This IM is re-issued due to changes made to the expiration and due dates. The purpose of this Instruction Memorandum is to identify the sensitive plant and animal species on Bureau of Land Management (BLM)-administered lands in Arizona in compliance with Manual Section 6840.

Background: Attached is the updated Arizona BLM Sensitive Species List. Changes from the 2000 list include deletions of several species of plants peripheral to the State and addition of some endemics. The plant changes resulted from coordination among agencies, academia, and nongovernmental organizations. Animal deletions primarily had to do with eliminating some duplicates that are now on the Wildlife of Special Concern in Arizona (WSC) list maintained by Arizona Game and Fish Department, and deleting some peripheral species that do not breed in Arizona and have plenty of available wintering habitats in Arizona. Additional coordination with Arizona BLM biologists and botanists was elicited in the development of the updated list between February 22, 2005, and June 10, 2005, and additional information and input came from a sensitive species committee led by the U.S. Forest Service Regional Office in Albuquerque.

The Tucson shovel nosed snake and flannel mouth sucker are added because they meet the criteria, appear on no other lists, and are receiving increased scrutiny and concern for their status among the conservation public and academia. Relatively few animals are included on our sensitive list because the WSC list is rather expansive.

Guidance for management related to BLM sensitive species is found in Manual Section 6840. Criteria for BLM Sensitive Species (Manual Section 6840) include those that are:

1. Under status review by the U.S. Fish and Wildlife Service/National Marine Fisheries Service; or
2. Whose numbers are declining so rapidly that Federal listing may become necessary; or

3. With typically small and widely dispersed populations; or
4. Those inhabiting ecological refugia or other specialized or unique habitats.

Some bats with roost site protection problems were not included on the list. All roost sites are considered very sensitive and require special habitat management or special consideration by Field Offices, regardless of the species that occupy them.

Some raptors that have fairly specific nesting requirements were not included. Raptors, particularly nesting raptors, require special habitat management or special consideration by Field Offices, on their own merits, because of their characteristic low population sizes and widely dispersed distributions.

To relieve possible confusion, some clarification of the several types of species status is included. BLM Sensitive species, State-listed species (by a State agency, in this case, Arizona Game and Fish Department's *Wildlife of Special Concern in Arizona*), Federal Candidate species, and Federally-listed threatened or endangered species are **all** *Special Status Species* covered by Manual Section 6840. By policy, the BLM has certain responsibilities for all Special Status Species. BLM Sensitive species are not covered by any other "safety net" of status designation. Therefore, the Arizona BLM Sensitive Species List does not include species that are already Federally-listed or State-listed.

Policy/Action: The Arizona BLM Sensitive Species List is dynamic, as this update shows. Changes in species taxonomy, information on species distribution, abundance, or new knowledge on security or threats can come any time, and knowledgeable people in Field Offices will periodically be asked for input on updates. Additionally, if information shows that a species needs to be included or removed, the appropriate Field Manager may make a nomination for an addition or deletion with sufficient justification concerning the above listed criteria. Under this scenario, if such a species occurs in more than one Field Office, consensus will be sought from the other Field Offices before action is taken.

Timeframe: This list is in effect until updated.

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

Contact: If you have any questions, please contact Ted Cordery at (602) 417-9242 or, for plants, contact John Anderson at (623) 580-5520.

Signed by: Carl Rountree
Associate State Director
FOR Elaine Y. Zielinski

Authenticated by: Dana Jones
Staff Assistant

Attachment

1 - [Sensitive Species List](#) (4 pp)

cc: Mr. Duane Shroufe, Director
Arizona Game & Fish Department
Attn: Habitat Branch
2221 West Greenway Road
Phoenix, Arizona 85023

State Director, California
Attn: Ed Lorentzen

State Director, New Mexico
Attn: Paul Sawyer

Arizona BLM Sensitive Species List (October, 2005)	AZ-100	AZ-200	AZ-310	AZ-410	AZ-320	AZ-420	AZ-330
Key: V=Verified Occurrence X=Probable/Possible Occurrence	Arizona Strip	Phoenix	Kingman	Safford	Yuma	Tucson	Lake Havasu
Plants							
Aquarius milkvetch (<i>Astragalus newberryi</i> var. <i>aquarii</i>)			V				
Aravaipa woodfern (<i>Thelypteris puberula</i> var. <i>sonorensis</i>)			V	V			
Aravaipa sage (<i>Salvia amissa</i>)				V			
Arizona Sonoran rosewood (<i>Vauquelinia californica</i> ssp. <i>sonorensis</i>)		V					
Bartram stonecrop (<i>Graptopetalum bartramii</i>)						V	
Black Rock daisy (<i>Townsendia smithii</i>)	V						
Blue sand lily (<i>Triteleopsis palmeri</i>)					V		
California flannelbush (<i>Fremontodendron californica</i>)		V	V				
Chisos Mountains coralroot (<i>Hexalectris revoluta</i>)						X	
Cliff milkvetch (<i>Astragalus cremnophylax</i> var. <i>myriorrhaphus</i>)	V						
Clifton rock daisy (<i>Perityle ambrosiifolia</i>)				V			
Dalhouse spleenwort (<i>Asplenium (Ceterach) dalhousiae</i>)						V	
Diamond Butte milkvetch (<i>Astragalus toanus</i> var. <i>scidulus</i>)	V						
Fish Creek fleabane (<i>Erigeron piscaticus</i>)				X			
Gentry indigo bush (<i>Dalea tentaculoides</i>)						X	
Giant sedge (<i>Carex spissa</i> var. <i>ultra</i>)		V		V		V	
Grand Canyon rose (<i>Rosa stellata</i> var. <i>abyssa</i>)	V						
Huachuca golden aster (<i>Heterotheca rutteri</i>)						V	
Huachuca milkvetch (<i>Astragalus hypoxylus</i>)						X	
Kaibab pincushion cactus (<i>Pediocactus paradinei</i>)	V						
Kearney sumac (<i>Rhus kearneyi</i> ssp. <i>kearneyi</i>)					V		
Kofa Mt barberry (<i>Berberis harrisoniana</i>)		X			X		X
Marble Canyon Milkvetch (<i>Astragalus cremnophylax</i> var. <i>hevronii</i>)	V						
Mt Trumbull beardtongue (<i>Penstemon distans</i>)	V						
Murphey agave (<i>Agave murpheyi</i>)		V					
Paria Plateau fishhook cactus (<i>Sclerocactus sileri</i>)	V						

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Parish phacelia (<i>Phacelia parishii</i>)			V				
Parish wild onion (<i>Allium parishii</i>)					X		X
Pima Indian mallow (<i>Abutilon parishii</i>)				V		V	
Pinto beardtongue (<i>Penstemon bicolor</i>)			V				
Purple-spike coralroot (<i>Hexalectris warnockii</i>)						V	
Round-leaf broom (<i>Errazurizia rotundata</i>)				V			
San Pedro River wild buckwheat (<i>Eriogonum terrenatum</i>)						V	
Sand food (<i>Pholisma sonorae</i>)					V		
Scaly sand food (<i>Pholisma arenaria</i>)							V
Schott wire-lettuce (<i>Stephanomeria schottii</i>)		O			V		
September 11 stickleaf (<i>Mentzelia memorabilis</i>)	V						
Sheep Range beardtongue (<i>Penstemon petiolatus</i>)	V						
Silverleaf sunray (<i>Enceliopsis argophylla</i>)	V						
Sticky wild buckwheat (<i>Eriogonum viscidulum</i>)	V						
Three hearts (<i>Tricardia watsonii</i>)	X		X				
Three-cornered milkvetch (<i>Astragalus geyeri</i> var <i>triquetrus</i>)	V						
Tumamoc globeberry (<i>Tumamoca macdougalii</i>)		V				V	
White-margined penstemon (<i>Penstemon albomarginatus</i>)			V				
Invertebrates							
Arizona giant sand treader cricket (<i>Daihinibaenetes arizonensis</i>) (Petrified Forest)				X			
Navajo Jerusalem cricket (<i>Stenopelmatus navajo</i>) (Petrified Forest)				X			
Santa Rita Mountains chlorochroan bug (<i>Chlorochroa rita</i>)						X	
Cheese-weed moth lacewing (<i>Oliarces clara</i>) (larvae likely feed on creosote roots)					X		
Maricopa tiger beetle (<i>Cicindela oregona maricopa</i>), (central to east-		X		X			

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central Arizona)							
Chiricahua water scavenger beetle (<i>Cymbiodyta arizonica</i>) (standing water)				X			
MacNeill sooty wing skipper (<i>Hesperopsis gracieae</i>) (host plant is quailbush)	X	X			X		X
Cockerell's striate disc (<i>Discus shemeki cockerelli</i>)						X	
Succineid snails (all species in family Succineidae) on public land	X						
Hydrobiid spring snails (all species in genus <i>Pyrgulopsis</i>) on public land	V		V	V			
<u>Fish</u>							
Longfin dace (<i>Agosia chrysogaster</i>)		V	V	V		V	V
Flannelmouth sucker (<i>Catostomus latipinnis</i>)	V	V		V	V	V	V
Desert sucker (<i>Catostomus</i> [<i>Pantosteus</i>] <i>clarki</i>)	V	V	V	V		V	
Sonora sucker (<i>Catostomus insignis</i>)		V	V	V		X	
Speckled dace (<i>Rhinichthys osculus</i>)	V	V	V	V		V	
<u>Reptiles & Amphibians</u>							
Giant spotted whiptail (<i>Aspidoscelis burti stictogrammus</i>)				X		V	
Chuckwalla (<i>Sauromalus obesus</i>)	V	V	V	V	V	V	V
Rosy boa (<i>Charina trivirgata</i>)		V	V	X	V	V	V
Tucson shovel-nosed snake (<i>Chionactis occipitalis klauberi</i>)		V				V	
Texas horned lizard (<i>Phrynosoma cornutum</i>)				X		V	
Banded Gila monster (only pops. NW of Colorado River) (<i>Heloderma suspectum cinctum</i>)	V				X		X
Northern sagebrush lizard (<i>Sceloporus graciosus graciosus</i>)	X			X			

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Birds							
Western burrowing owl (<i>Athene cunicularia hypugea</i>)	V	V	V	V	V	V	V
Mountain Plover (<i>Charadrius montanus</i>) Breeding populations				V			
Mammals							
Underwood's mastiff bat (<i>Eumops underwoodi</i>)						V	
Allen's (Mexican) big-eared bat (<i>Idionycteris phyllotis</i>)	V	V	V	V	X	V	V
Small-footed myotis (<i>Myotis ciliolabrum</i>)	V	V	V	V	V	V	V
Long-eared myotis (<i>Myotis evotis</i>)	V		X				
Fringed myotis (<i>Myotis thysanodes</i>)	V	V	V	V	V	V	V
Cave myotis (<i>Myotis velifer</i>)		V	V	V	V	V	V
Long-legged myotis (<i>Myotis volans</i>)	V	V	V	V		V	V
Big free-tailed bat (<i>Nyctinomops macrotis</i>)	V	V	V	V	V	V	V
Pocketed free-tailed bat (<i>Nyctinomops femorosaccus</i>)		X		X	X	V	
Arizona Myotis (<i>Myotis lucifugus occultus</i>)			X	X	V	X	V