

**Forest Service Manual  
National Headquarters - Washington Office  
Washington, DC**

**Forest Service Manual 2600 – Wildlife, Fish, And Sensitive Plant Habitat Management  
Chapter 2670 - Threatened, Endangered and Sensitive Plants and Animals**

**Amendment:** 2600-1990-1

**Effective date:** June 01, 1990

**Duration:** This amendment is effective until superseded or removed.

**Approved by:** F Dale Robertson, Chief

**Date approved:**

**Responsible Staff:**

**Last Change:** Amendment 59, February 14, 1990

**Superseded Document(s):** 2600-1 thru 2676.17c (entire title except ID's); Amendment 48, June 1984; Amendment 50, January 1986; Amendment 51, March 1986; Amendment 52, October 1986; Amendment 54, March 1987; Amendment 55, June 1987; Amendment 56, April 1988; Amendment 57, July 1989; Amendment 58, October 1989; Amendment 59, February 14, 1990

**Digest:** Following is an explanation of the changes throughout the directive by section

**NEW POSTING NOTICE:** This amendment is the first in a new numbering series corresponding to the year in which material was amended. Since this amendment replaces all text except Interim Directives (ID), do not check for the last transmittal received for this title. Replace the entire title text except ID's. Place this transmittal sheet at the front of the title and retain until the first transmittal of the next calendar year is received.

**2600:** Please read the new posting notice carefully. These directions apply to this transmittal only.

Entire text, except ID's, is replaced. New text corresponds with text located in the National Information Center.

The electronic document names are shown above for ease in accessing them from the National Information Center.

**Forest Service Manual 2600 – Wildlife, Fish, And Sensitive Plant Habitat Management**

**Chapter 2670 - Threatened, Endangered and Sensitive Plants and Animals**

**Amendment:** 2600-1990-1

**Effective date:** June 01, 1990

Direction has not been changed. Some minor typographical and technical errors were corrected.

Amendment numbers and dates noted above are listed for historical purposes only.

All subsequent amendments will be issued by document.

Forest Service Manual 2600 – Wildlife, Fish, And Sensitive Plant Habitat Management  
Chapter 2670 - Threatened, Endangered and Sensitive Plants and Animals  
Amendment: 2600-1990-1  
Effective date: June 01, 1990  
2672.24a - Exhibit 1--Continued

PROPOSED, ENDANGERED, THREATENED AND CATEGORY SPECIES OCCURRING ON LAND ADMINISTERED BY NFS											
SPECIES COMMON NAME/ SCIENTIFIC NAME	1/ RECV STATUS	2/ PLAN	3/ LEAD REGION	4/ REGION	5/ RECVRY UNIT OF MEASURE	6/ 1983 OBJECT	7/ 1988 HABITAT	7/ 1988 POPULAT	8/ HABITAT	8/ POPULAT	
DARTER, PALEBACK Etheostoma pallidorsum	C3C	NO	08	LEAD							
DARTER, SHARPHEAD Etheostoma acuticeps	C2	NO	08	LEAD							
DARTER, STARGAZING Percina uranidea	C2	NO	09	LEAD		0	0	0			
LOGPERCH, CONASAUGA Percina jenkinsi	E	NO	08	LEAD		0	0	0			
MADTOM, CADDO Noturus taylori	C2	NO	08	LEAD							
MADTOM, CAROLINA Noturus furiosus	C2	NO	08	LEAD							
MADTOM, ORANGE-FIN Noturus gilberti	C1	NO	08	LEAD							
MADTOM, OUACHITA Noturus lachneri	C2	NO	08	LEAD							
MADTOM, SCIOTO Noturus trautmani	E	NO	09	LEAD							
MADTOM, SMOKY Noturus baileyi	E	YES	08	LEAD		0	0	0			
MADTOM, YELLOWFIN Noturus flavipinnis	T	YES	08	LEAD		0	0	0			
MINNOW, CHEAT Rhinichthys bowersi	C2	NO	09	LEAD		0	0	0			
MINNOW, KANAWHA Phenacobius teretulus	C2	NO	09	LEAD		0	0	0			

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MINNOW, LOACH Tiaroga cobitis	T	NO	03	LEAD		0	0	0			
MUDMINNOW, OLYMPIC Novumbra hubbsi	C2	NO	06	LEAD							
PUPFISH, DESERT Cyprinodon macularius	E	NO	03	LEAD							
SCULPIN, MALHEUR MOTTLED Cottus bairdi spp.	C2	NO	06	LEAD							
SHINER, BEAUTIFUL Notropis formosus	E	NO	03	LEAD		0	0	0			
SHINER, BLUESTRIPE Notropis callitaenia	C2	NO	08	LEAD							
SHINER, PEPPERED Notropis perpallidus	C3C	NO	08	LEAD							
SHINER, RIO GRANDE BLUNTNOSE Notropis simus simus	C2	NO	03	LEAD							
SPIKEDACE Meda fulgida	T	NO	03	LEAD		0	0	0			
SPINEDACE, LITTLE COLORADO Lepidomeda vittata	T	NO	03	LEAD		0	0	0			
SQUAWFISH, COLORADO RIVER Ptychocheilus lucius	E	YES	03	LEAD	NUMBER OF STREAMS	2	0	0			
SQUAWFISH, COLORADO RIVER Ptychocheilus lucius	E	YES	04		NUMBER OF STREAMS	0	0	0			
STICKLEBACK, UNARMORED 3-SPINE Gasterosteus aculeatus williamsoni	E	YES	05	LEAD		0	0	0			
STONEROLLER, MEXICAN Campostoma ornatum	C2	NO	03	LEAD							
STURGEON, GULF Acipenser oxyrhynchus desotoi	C2	NO	08	LEAD							

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STURGEON, LAKE Acipenser fulvescens	C2	NO	09	LEAD			0	0	0		
STURGEON, SHORT-NOSE Acipenser brevirostrum	E	NO	08	LEAD							
SUCKER, BLUE Cycleptus elongatus	C2	NO	08								
SUCKER, BLUE Cycleptus elongatus	C2	NO	09	LEAD			0	0	0		
SUCKER, GOOSE LAKE Catostomus occidentalis lacusanserlnus	C2	NO	06	LEAD							
SUCKER, KLAMATH LARGE-SCALE Catostomus synderi	C2	NO	06	LEAD							
SUCKER, LOST RIVER Deltistes luxatus	C2	NO	06	LEAD							
SUCKER, MODOC Catostomus microps	E	NO	05	LEAD			0	0	0		
SUCKER, RAZORBACK Xyrauchen texanus	C2	NO	03	LEAD							
SUCKER, SHORTNOSE Chasmistes brevirostris	C2	NO	06	LEAD							
SUCKER, YAQUI Catostomus bernardini	P	NO	03	LEAD							
SUCKER, ZUNI MOUNTAIN Catostomus discobolus yarrowi	C2	NO	03	LEAD							
TOPMINNOW, GILA Poeciliopsis occidentalis	E	YES	03	LEAD	NUMBER OF POPULATIONS		70	0	40		
TOPMINNOW, YAQUI Poeciliopsis occidentalis sonoriensis	E	NO	03	LEAD							
TROUT, APACHE (ARIZONA) Salmo apache	T	YES	03	LEAD	NUMBER OF STREAMS		18	8	0		

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TROUT, BONNEVILLE Salmo clarki utah	C2	NO	04	LEAD						
TROUT, BULL Salvelinus confluentus	C2	NO	06	LEAD						
TROUT, COLORADO CUTTHROAT Salmo clarkii pleuriticus	C2	NO	02	LEAD						
TROUT, COLORADO CUTTHROAT Salmo clarkii pleuriticus	C2	NO	04							
TROUT, COLORADO CUTTHROAT Salmo clarkii pleuriticus	C2	NO	05							
TROUT, GILA Salmo gilae	T	YES	03	LEAD	NUMBER OF STREAMS	30	9	0		
TROUT, GREENBACK CUTTHROAT Salmo clarki stomias	T	YES	02	LEAD	NUMBER OF POPULATIONS	15	0	5		
TROUT, LAHONTAN CUTTHROAT Salmo clarki henshawi	T	NO	04	LEAD	NUMBER OF POPULATIONS	32	0	32		
TROUT, LAHONTAN CUTTHROAT Salmo clarki henshawi	T	NO	05		NUMBER OF POPULATIONS	8	0	3		
TROUT, LITTLE KERN GOLDEN Salmo aquabonita whitei	T	NO	05	LEAD		0	0	0		
TROUT, PAIUTE CUTTHROAT Salmo clarki seleniris	T	YES	04	LEAD	NUMBER OF POPULATIONS	4	0	1		
TROUT, PAIUTE CUTTHROAT Salmo clarki seleniris	T	YES	05		NUMBER OF POPULATIONS	2	0	1		
TROUT, REDBAND Salmo spp.	C2	NO	06	LEAD						
WOUNDFIN Plagopterus argentissimus	E	YES	03		NUMBER OF STREAMS	3	0	0		
WOUNDFIN Plagopterus argentissimus	E	YES	04	LEAD	NUMBER OF STREAMS	0	0	0		

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GROUP: SNAILS											
SNAIL, ALAMOSA SPRING Tryonia spp.	C1	NO	03	LEAD							
SNAIL, CHITTENANGO OVATE AMBER T Succinea chittenangoensis		YES	09	LEAD							
SNAIL, FISH LAKE Stenophysa microstrista	C2	NO	04	LEAD							
SNAIL, IOWA PLEISTOCENE Discus macclintocki	E	YES	09	LEAD							
SNAIL, NEW MEXICO RAMSHORN Pecosorbis kansasensis	C1	NO	03	LEAD							
SNAIL, NOONDAY Mesodon clarki nantahala	T	YES	08	LEAD		0	0	0			
SNAIL, OREGON Monadenia fidelis minor	C2	NO	06	LEAD							
SNAIL, SOCORRO SPRING Fontelicella Neomexicana	C2	NO	03	LEAD							
GROUP: CLAMS											
MUSSEL, APPALACHIAN PEARLY Quadrula sparsa	E	YES	08	LEAD							
MUSSEL, BIRDWING PEARLY Conradilla caelata	E	YES	08	LEAD							
MUSSEL, CUMBERLAND BEAN PEARLY Villosa trabalis	E	YES	08	LEAD							
MUSSEL, CURTIS PEARLY Epioblasma florintina curtisi	E	YES	09	LEAD		0	0	0			
MUSSEL, DROMEDARY PEARLY Dromus dromas	E	YES	08	LEAD							
MUSSEL, FAT POCKETBOOK Potamilus capax	E	YES	09	LEAD			0	0	0		

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MUSSEL, FINE-RAYED PIGTOE PEAR E Fusconaia cuneolus		YES	08	LEAD							
MUSSEL, GREEN-BL. PEARLY E Epioblasma torulosa		YES	08	LEAD							
MUSSEL, HIGGINS' PEARLY E Lampsilis higginsii		YES	09	LEAD			0	0	0		
MUSSEL, JAMES RIVER SPINY P Canthyria collina		NO	08	LEAD							
MUSSEL, MISSISSIPPI PEARL P Margaritifera hembli		NO	08	LEAD							
MUSSEL, OREGON PEARLY C2 Pisidium ultramontanum		NO	06	LEAD							
MUSSEL, PINK MUCKET PEARLY E Lampsilis orbiculata		YES	09	LEAD			0	0	0		
MUSSEL, ROUGH PIGTOE E Pleurobema plenum		YES	09	LEAD							
MUSSEL, SHINY PIGTOE PEARLY E Fusconaia edgariana		YES	08	LEAD							
MUSSEL, TUBERCLED-BLOS. PEARLY E Epioblasma torulosa torulosa		YES	09	LEAD			0	0	0		
MUSSEL, WHITE CATS' PAW PEARLY E Epioblasma sulcata delicata		NO	09	LEAD			0	0	0		
MUSSEL, WHITE WARTYBACK PEARLY E Plethobasus cicatricosus		YES	09	LEAD							
MUSSEL, YELLOW-BLOSSOM PEARLY E Epioblasma florentina		NO	08	LEAD							
PEARLSHELL, LOUISIANA P Margaritifera hembeli		NO	08	LEAD							
RIFFLE SHELL, TAN E Epioblasma walkeri		YES	08	LEAD							



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MUSSEL, FINE-RAYED PIGTOE PEAR E Fusconaia cuneolus		YES	08	LEAD							
GROUP: CRUSTACEANS											
AMPHIPOD, ARIZONA CAVE Stygobromus arizonensis	C2	NO	03	LEAD							
CRAYFISH, SHASTA Pacifastacus fortis	P	NO	05	LEAD							
GROUP: INSECTS											
BEETLE, ARIZONA WATER PENNY Psephenus arizonensis	C2	NO	03	LEAD							
BEETLE, BEER'S FALSE PENNY Acnews beeri	C2	NO	06	LEAD							
BEETLE, BELLER'S GROUND Aqonum belleri	C2	NO	06	LEAD							
BEETLE, BOG IDOL LEAF Donacia idola	C2	NO	06	LEAD							
BEETLE, BURNELL'S FALSE PENNY Arneus burnelli	C2	NO	06	LEAD							
BEETLE, COLUMBIA RIVER TIGER Cicindela columbica	C2	NO	06	LEAD							
BEETLE, PARKER'S RIFFLE Cylloepus parkeri	C2	NO	03	LEAD							
BEETLE, STEPHAN'S RIFFLE Heterelmis stephani	C2	NO	03	LEAD							
BEETLE, WHITE MTNS WATER PENNY Psephenus montanus	C2	NO	03	LEAD							
BEETLE,ARIZONA WATER SCAVENGER Cymbiodyta arizonica	C2	NO	03	LEAD							
BUTTERFLY, BLUE SILVERSPOT Speyeria nokomis caeruleascens	C2	NO	03	LEAD							

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BUTTERFLY, HYDASPE FRITILLARY Speyeria hydaspe conquista	C2	NO	03	LEAD							
BUTTERFLY, OREGON SILVERSPOT Speyeria zerene hippolyta	T	YES	06	LEAD	ACRES OCCUPIED HABITAT	5I/	400	50	0	120	0
BUTTERFLY, OREGON SILVERSPOT Speyeria zerene hippolyta	T	YES	06		NUMBER OF POPULATIONS		4	0	2	0	3
BUTTERFLY, SMITH'S BLUE Euphilotes enoptes smithi	E	YES	05	LEAD	ACRES OF OCCUPIED HABITAT		0	0	0		
BUTTERFLY, UNCOMPAHGRE Boloria acrocneema	C2	NO	02	LEAD							
CADDISFLY, ALSEA MICRO Ochrotrichia alsea	C2	NO	06	LEAD							
CADDISFLY, BLUE MT CRYPTOCHIA Cryptochia neosa	C2	NO	06	LEAD							
CADDISFLY, CASCADES APATANIAN Apatania tavalala	C2	NO	06	LEAD							
CADDISFLY, COLUMBIA GORGE Neothremma andersoni	C2	NO	06	LEAD							
CADDISFLY, DENNING'S AQAPETUS Aqapetus denningi	C2	NO	06	LEAD							
CADDISFLY, FENDER'S Rhyacophila fenderi	C2	NO	06	LEAD							
CADDISFLY, FISHER'S Lepidostoma fischeri	C2	NO	06	LEAD							
CADDISFLY, FT DICK LIMNEPHILUS Limnephilus atercus	C2	NO	06	LEAD							
CADDISFLY, GREEN SPR MT Farula davisi	C2	NO	06	LEAD							
CADDISFLY, HADDOCK'S Rhyacophila haddocki	C2	NO	06	LEAD							

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ADDISFLY, KLAMATH LIMNEPHILAN <i>Limnephilus alconura</i>	C2	NO	06	LEAD							
CADDISFLY, MT HOOD <i>Eobrachycentrus gelidae</i>	C2	NO	06	LEAD							
CADDISFLY, MT HOOD FARULAN <i>Farula jewetti</i>	C2	NO	06	LEAD							
CADDISFLY, OBRIEN RHYACOPHILAN <i>Rhyacophila colonus</i>	C2	NO	06	LEAD							
CADDISFLY, ONE-SPOT <i>Rhyacophila unipunctata</i>	C2	NO	06	LEAD							
CADDISFLY, OREGON DOLOPHILODES <i>Dolophilodes oregona</i>	C2	NO	06	LEAD							
CADDISFLY, SCHUH'S HOMOPLECTRA <i>Homoplectra schuhi</i>	C2	NO	06	LEAD							
CADDISFLY, SISKIYOU <i>Tinodes siskiyou</i>	C2	NO	06	LEAD							
CADDISFLY, TOMBSTONE PRAIRIE <i>Farula reaperi</i>	C2	NO	06	LEAD							
CADDISFLY, TOMBSTONE PRAIRIE <i>Oligophlebodes mostbento</i>	C2	NO	06	LEAD							
GRASSHOPPER, PINALENO MONKEY <i>Eumorsea pinakno</i>	C2	NO	03	LEAD							
MAYFLY, FALSE AMELETUS <i>Ameletus falsus</i>	C2	NO	03	LEAD							
MOTH, KERN PRIMROSE SPHINX <i>Euprosenpinus euterpe</i>	E	NO	05	LEAD							
SKIPPER, PAWNEE MONTANE <i>Hesperia leonardus montana</i>	T	NO	02	LEAD							
STONEFLY, FENDER'S SOLIPERLAN <i>Soliperla fenderi</i>	C2	NO	06	LEAD							

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STONEFLY, WAHKEENA FALLS Nemoura wahkeena	C2	NO	06	LEAD							
GROUP: PLANTS											
Abies fraseri FIR, FRASER	C2	NO	08	LEAD							
Abronia alpina RAMSHAW MDWS ABRONIA	C1	NO	05	LEAD							
Abronia umbellata breviflora	C2	NO	06	LEAD							
Acanthomintha ilicifolia SAN DIEGO THORN-MINT	C2	NO	05	LEAD							
Aconitum uncinatum MONKSHOOD, BLUE MONKSHOOD	S	NO	08	LEAD							
Adlumia fungosa CLIMBING FUMATORY	S	NO	08	LEAD							
Agave arizonica AGAVE, ARIZONA	E	NO	03	LEAD	POPULATION DENSITY	0	0	0			
Agave pariflora	C2	NO	03	LEAD	NUMBER OF COLONIES	0	0	0			
Agave schottii var. treleasei AGAVE, TRELEASE'S	C2	NO	03	LEAD	NUMBER OF COLONIES	0	0	0			
Agoseris lackschewitzii	C2	NO	04	LEAD							
Agrimonia incisa COCKLEBUR	C2	NO	08	LEAD							
Agrostis scabra ROUGH BENTGRASS	S	NO	08	LEAD							
Aletes humilis	C2	NO	02	LEAD							

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Allium aaseae AASE'S ONION	C1	NO	04	LEAD							
Allium dictuon	C2	NO	06	LEAD							
Allium fimbriatum munzii MUNZ ONION	C2	NO	05	LEAD							
Allium gooddingii ONION, GOODDING'S	C1	NO	03	LEAD	NUMBER OF POPULATIONS	0	0	0			
Allium madidum SWAMP ONION	C3C	NO	04	LEAD							
Allium oxyphilum ONION, WILD	C2	NO	09	LEAD							
Allium tolmiei var. persimile TOLMIE ONION	C3C	NO	04	LEAD							
Allium tribracteatum TRI-BRACTED ONION	S	NO	05	LEAD							
Allium validum SWAMP ONION	S	NO	04	LEAD							
Allium yosemitense YOSEMITE ONION	C3C	NO	05	LEAD							
Allotropa virgata PEPPERMINT STICK	S	NO	04	LEAD							
Alnus crispa GREEN ALDER	S	NO	08	LEAD							
Amorpha schwerini SCHWERIN'S INDIGO BUSH	S	NO	08	LEAD							
Amsonia glaberrima BLUESTAR	C2	NO	08	LEAD							
Amsonia grandiflora	C2	NO	03	LEAD	NUMBER OF COLONIES		0	0	0		

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SPECIES COMMON NAME/ SCIENTIFIC NAME	1/ RECV STATUS	2/ PLAN	3/ LEAD REGION	4/ REGION	5/ RECVRY 1983 UNIT OF MEASURE	6/ 1983 OBJECT	7/ 1988 HABITAT	7/ 1988 POPULAT	8/ HABITAT	8/ POPULAT	
Amsonia kearneyana KEARNEY'S BLUESTART	P	NO	03	LEAD	NUMBER OF COLONIES	0	0	0			
Amsonia ludoviciana LOUISIANA BLUESTAR	C2	NO	08	LEAD							
Androsace chamaejasme	S	NO	04	LEAD							
Anemone quinquefolia WOOD ANEMONE	S	NO	08	LEAD							
Angelica scabrida CHARLESTON ANGELICA	C1	NO	04	LEAD							
Antennaria arcuata ARCHING PUSSYTOES	C2	NO	04	LEAD							
Antennaria aromatica	C2	NO	06	LEAD							
Antennaria soliceps CHARLESTON PUSSYTOES	C1	NO	04	LEAD							
Antirrhinum subcordatum DIMORPHIC SNAPDRAGON	C3C	NO	05	LEAD							
Apios priceana GROUNDNUT, PRICE'S	C1	NO	09	LEAD							
Aplectrum hyemale ADAM-AND EVE ORCHID	S	NO	08	LEAD							
Apocynum jonesil DOGBANE, JONE'S	C2	NO	03	LEAD	NUMBER OF COLONIES	0	0	0			
Aquilegia barnebyi BARNEBY COLUMBINE	C3C	NO	04	LEAD							
Arabis aculeolata WALDO ROCK CRESS	C3C	NO	05	LEAD							
Arabis breweri pecuniaria SAN BERNARDINO ROCK CRESS	C2	NO	05	LEAD							

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Arabis constancei CONSTANCE'S ROCK CRESS	C2	NO	05	LEAD							
Arabis johnstonii JOHNSTON'S ROCK CRESS	C1	NO	05	LEAD							
Arabis koehleri stipitata	C2	NO	06	LEAD							
Arabis mcdonaldiana ROCK CRESS, MCDONALD'S	E	YES	05	LEAD	0	0	0				
Arabis missouriensis ROCK CRESS	C2	NO	09	LEAD							
Arabis ophira	S	NO	04	LEAD							
Arabis parishii PARISH'S ROCK CRESS	C2	NO	05	LEAD							
Arabis pinzlae PINZL ROCK CRESS	C2	NO	04	LEAD							
Arabis pinzlae PINZL ROCK CRESS	C2	NO	05	LEAD							
Arabis serotina ROCK CRESS, SHALE BARREN	C2	NO	08	LEAD							
Arabis serpentinicola SERPENTINE ROCK CRESS	C2	NO	05	LEAD							
Arabis suffrutescens horizontalis	C2	NO	06	LEAD							
Arabis tiehmii TIEHM ROCK CRESS	S	NO	04	LEAD							
Arabis tiehmii TIEHM ROCK CRESS	S	NO	05	LEAD							
Arabis tiehmii TIEHM ROCK-CRESS	S	NO	05	LEAD							

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Arctostaphylos edmundsii LITTESUR MANZANITA	C2	NO	05	LEAD							
Arctostaphylos klamathensis KLAMATH MANZANITA	C2	NO	05	LEAD							
Arctostaphylos otayensis OTAY MTN. MANZANITA	C2	NO	05	LEAD							
Arenaria groenlandica groenlandica WHITE HEATH ASTER	S	NO	08	LEAD							
Arenaria paludicola	C2	NO	06	LEAD							
Arenaria stenomeres	C3C	NO	04	LEAD							
Arenaria ursina BEAR VALLEY SANDWORT	C2	NO	05	LEAD							
Arethusa bulbosa BOB ROSE	S	NO	08	LEAD							
Argemone arizonica PRICKLE POPPY, ARIZONA	C2	NO	03	LEAD	NUMBER OF COLONIES		0	0	0		
Argemone munita robusta PRICKLE POPPY, ROBUST	C2	NO	05	LEAD							
Argemone pleiacantha ssp. pinnatisecta PRICKLE POPPY, SACRAMENTO	P	NO	03	LEAD	POPULATION DENSITY		0	0	0		
Aristida simpliciflora NEEDLE-GRASS, SOUTHERN THREE	C2	NO	08	LEAD							
Asclepias curtissii CURTIS MILKWEED	S	NO	08	LEAD							
Asclepias cutleri CUTLER MILKWEED	C2	NO	04	LEAD							
Asclepias eastwoodiana EASTWOOD MILKVETCH	C2	NO	04	LEAD							



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Asclepias meadii MILKWEED, MEAD'S	C2	NO	09	LEAD							
Asclepias viridula MILKWEED, SOUTHERN	C2	NO	08	LEAD							
Asplenium andrewsii SPLEENWORT, ANDREW'S	C2	NO	03	LEAD	NUMBER OF COLONIES	0	0	0			
Asplenium heteroresiliens SPLEENWORT, CAROLINA	C2	NO	08	LEAD							
Asplenium monanthes SINGLE-SORUS SPLEENWORT	S	NO	08	LEAD							
Asplenium resiliens CAROLINA SPLEENWORT	S	NO	08	LEAD							
Aster depauperatus ASTER, WHITE HEATH	C2	NO	08	LEAD							
Aster eryngiifolius THISTLE-LEAVED ASTER	S	NO	08	LEAD							
Aster gormanii	C2	NO	06	LEAD							
Aster kingii var. barnebyana BARNEBY WOODY ASTER	C2	NO	04	LEAD							
Aster kingii var. kingii KING WOODY ASTER	C3C	NO	04	LEAD							
Aster lemmonii ASTER, LEMMON'S	C1	NO	03	LEAD	NUMBER OF COLONIES		0	0	0		
Aster spinulosa ASTER, PINE WOODS	C2	NO	08	LEAD							
Astragalus aequalis CLOKEY MILKVETCH	C2	NO	04	LEAD							
Astragalus agnicidus HUMBOLDT MILKVETCH	C1	NO	05	LEAD							

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Astragalus albens SILVERY-WHITE MILKVETCH	S	NO	05	LEAD						
Astragalus amblytropis CHALLIS MILKVETCH	S	NO	04	LEAD						
Astragalus amnis-amissi LOST RIVER MILKVETCH	C3C	NO	04	LEAD						
Astragalus anserinus GOOSE CREEK MILKVETCH	C2	NO	04	LEAD						
Astragalus applegatei	C2	NO	06	LEAD						
Astragalus aquilonius	S	NO	04	LEAD						
Astragalus brauntonii BRAUNTONS MILKVETCH	C2	NO	05	LEAD						
Astragalus collinus laurentii	C2	NO	06	LEAD						
Astragalus consobrinus BICKNELL MILKVETCH	C3C	NO	04	LEAD						
Astragalus cottonii	C2	NO	06	LEAD						
Astragalus cremnophylax MILK-VETCH, SENTRY	C1	NO	03	LEAD	NUMBER OF COLONIES	0	0	0		
Astragalus deanei DEAN'S MILKVETCH	C2	NO	05	LEAD						
Astragalus deserticus DESERT MILKVETCH	C2	NO	04	LEAD						
Astragalus diaphanus	C2	NO	06	LEAD						
Astragalus douglasii perstrictus JACUMBA MILKVETCH	C2	NO	05	LEAD						

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Astragalus ertterae ERTTER MILKVETCH	S	NO	05	LEAD							
Astragalus gilviflorus	S	NO	04	LEAD							
Astragalus henrimontanensis DANA MILKVETCH	C3C	NO	04	LEAD							
Astragalus iselyi ISLEY MILKVETCH	C3C	NO	04	LEAD							
Astragalus lentiformis LENS-POD MILKVETCH	C2	NO	05	LEAD							
Astragalus lentiginosus var. sesquimetralis	C1	NO	04	LEAD							
Astragalus leptaleus	S	NO	04	LEAD							
Astragalus limnocharis NAVAJO LAKE MILKVETCH	C3C	NO	04	LEAD							
Astragalus limnocharis var. tabulaeus	C2	NO	04	LEAD							
Astragalus linifolius	C2	NO	02	LEAD							
Astragalus lutosus DRAGON MILKVETCH	C3C	NO	04	LEAD							
Astragalus misellus pauper	C2	NO	06	LEAD							
Astragalus mohavensis var. hemigyus HALF-RING POD MILKVETCH	C2	NO	04	LEAD							
Astragalus monoensis MONO MILKVETCH	C1	NO	05	LEAD							
Astragalus montii HELIOTROPE MILKVETCH	T	NO	04	LEAD	No. of viable populations			1		3	

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Astragalus monumentalis MONUMENT MILKVETCH	C3C	NO	04	LEAD							
Astragalus oocarpus DESCANSO MILKVETCH	C2	NO	05	LEAD							
Astragalus oophorus var. clokeyanus LEE CANYON MILKVETCH	C1	NO	04	LEAD							
Astragalus paysonii PAYSON MILKVETCH	C3C	NO	04	LEAD							
Astragalus peckii	C2	NO	06	LEAD							
Astragalus perianus MILK-VETCH, RYDBERG	T	NO	04	LEAD	No. of populations	0	500	8	993	12	
Astragalus ravenii RAVENS MILKVETCH	C2	NO	05	LEAD							
Astragalus remotus	C2	NO	04	LEAD							
Astragalus robbinsii alpiniformis	C2	NO	06	LEAD							
Astragalus robbinsii var. occidentalis LAMOILE CANYON MILKVETCH	C2	NO	04	LEAD							
Astragalus scaphoides ROCKY MTN MILKVETCH	C2	NO	04	LEAD							
Astragalus schultzorum SCHULTZ MILKVETCH	C2	NO	04	LEAD							
Astragalus shevockii SHEVOCK'S MILKVETCH	C2	NO	05	LEAD							
Astragalus sinuatus	C2	NO	06	LEAD							
Astragalus tegetarioides	C2	NO	06	LEAD							
Astragalus titanophilus	C2	NO	03	LEAD	NUMBER OF COLONIES	0	0	0			