



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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December 21, 2001

In Reply Refer To:
6840(P)
CA-930

EMS TRANSMISSION: 12/21/01
Instruction Memorandum No. CA-2002- 019
Expires: 9/30/2002

To: AFOs

From: State Director

Subject: Washington Office Call for Fish and Wildlife Data **DD: 01/22/2002**

The attached Washington Office Instruction Memorandum (IM #2002-035) requests data concerning Fish, Wildlife, and Special Status Species, as well as Challenge Cost Share accomplishments. This call for data was previously transmitted as a Washington Directive to all BLM field offices on November 20, 2001. WO-230 wants a consolidated response from each State Office by January 25, 2002.

Please note that this data call differs from previous WO-230 fish and wildlife data calls in two important respects: (1) It has been streamlined with respect to FY 2001 accomplishments and FY 2003 needs such that only truly exemplary accomplishments and needs are solicited for this exercise, and (2) All States are required to submit a report on completed Challenge Cost Share projects that were funded in FY 2001. The requested recovery expenditure information (Table C) is similar to what has been previously requested and will be used for the Threatened and Endangered Species Expenditure Report to Congress, which is required pursuant to Section 18 of the Endangered Species Act.

While you are welcome to submit as many needs and accomplishments as you want to highlight (and those narratives may be used by CA-930 in future budget exercises), for purposes of this data call one exemplary accomplishment and one exemplary need from each Field Office should suffice. Each State is limited to submitting two narratives and five bullet items for accomplishments and two narratives and five bullet items for needs, for a total of four narratives by program.

Because the information requested in Table D (Challenge Cost Share) will be reported through the Annual Work Plan (AWP) process, and the FY 2002 AWP exercise has a later deadline, we have received

approval from WO-230 to defer the compilation of Table D until such time as Field Offices have submitted their responses to the FY 2002 AWP directive on Challenge Cost Share. **Therefore, in developing your response to Washington Office IM #2002-035, please complete Parts A through C by the requested deadline (1/22/02) and await further instructions before attempting to respond to Part D.** To facilitate the compilation of field offices responses, please have the appropriate staff in your office complete the tables for Parts A through C as best they can in the allowable time frame and have them forward their responses electronically to Ed Lorentzen via Lotus Notes.

Questions regarding this data call may be directed to Ed Lorentzen at 916-978-4646.

Signed by:
J. Anthony Danna
Acting State Director

Authenticated by:
Richard A. Erickson
Records Management

Attachment

1 - W.O. Instruction Memorandum No. 2002-035 (with referenced attachments) (23 pp.)

Distribution

WO-230 (Attn: Eric Lawton)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20240

November 9, 2001

In Reply Refer To:
6500 (230)P

EMS TRANSMISSION {11/23/2001}
Instruction Memorandum No. 2002-035
Expires: 09/30/2003

To: WO's and AFO's,

From: Assistant Director, Renewable Resources and Planning

Subject: Call for Fish, Wildlife, Botany, and Threatened and Endangered Species Data

DD: 01/25/2002

Program Area: Fish, Wildlife, Botany, and Threatened and Endangered Species

Purpose: This Instruction Memorandum (IM) transmits the Fiscal Year (FY) 2001 Annual Request for Fish, Wildlife, Botany, and Special Status Species Data (Attachments 1-3) from the Fish, Wildlife and Forests Group (WO-230).

Policy/Action: Information in the appropriate format, as outlined in Attachment 1, includes Fish, Wildlife, Botany, and Threatened and Endangered Species accomplishments, needs and budget information. Information requested here focuses on those items relating to management of programs not tracked through the national Management Information System (MIS) system with program elements and workload measures.

The National Training Center (NTC), the National Science and Technology Center (NSTC) and all BLM State Offices are required to submit information. In addition, the Centers are asked to submit descriptions of customers or audiences served or benefitted.

In order to streamline this effort from previous years, each State will be asked to submit two narratives and five bullet items for accomplishments and two narratives and five bullet items for needs, for a total of four narratives by program. Therefore, it is important that each State feature those accomplishments and needs that are truly exemplary for your State. The WO-230 seeks well organized, descriptive, or otherwise high quality narratives, and has provided specific examples of such in attachments to this IM.

As directed by the FY 2001 Annual Work Plan, all States are required to submit a report on completed Challenge Cost Share (CCS) projects funded in FY 2001. Herein, we request that each State provide a list and funding levels of CCS projects completed in FY 2001 (Attachment 3).

Time Frame: In order to meet our budget reporting requirements, **all submissions are due to the WO by January 25, 2002.**

Budget Impact: None, however information is used to generate out-year budget needs and display additional opportunities above base program levels.

Background: The data requested here will be used to supply information needed for the Threatened and Endangered Species Expenditure Report to Congress, the 2003 Budget Justification, BLM's Public Land Statistics, the BLM Annual Report, and Needs Assessments by outside groups.

Manual/Handbook Sections Affected: None.

Coordination: As in past years, please submit a single electronic document from each State that consolidates information from your respective Field offices, utilizing the attached format. Please direct questions and responses to Eric Lawton (eric_lawton@blm.gov). Eric may be reached at (202) 452-7760. A WordPerfect copy of this IM is available for downloading from the intranet at: <http://web.blm.gov/internal/wo-200/wo-230/datacall.htm>

Signed by:
Henri R. Bisson
Assistant Director
Renewable Resources and Planning

Authenticated by:
Barbara J. Brown
Policy & Records Group, WO-560

Directives forwarded to State Director, CA-930, E. Lorentzen

11/23/01

3 Attachments

- 1 - Instructions & Information Needed for WO Reports for Fish, Wildlife, Botany, and Threatened & Endangered Species (6 pp)
- 2 - Table C for Reporting Expenditures for the Conservation of Endangered, Threatened, and Candidate Species (14 pp)
- 3 - Table D for Reporting Challenge Cost Share projects (1p)

Instructions and Information Needed for WO Reports for Fish, Wildlife, Botany, and Threatened and Endangered Species

State Office: _____

State tables from FY00 are posted on the intranet <http://web.blm.gov/internal/wo-200/wo-230/datacall.htm>

A. 2001 Accomplishments: ESA Compliance/Species Conservation

ESA Compliance/Species Conservation for FY01		
Description	Under Development	Completed
Number of Biological Assessments		
Cost of those Biological Assessments (000's)		

Conservation Plans/Strategies/Agreements and Status			
Names of Documents for FY01 (Insert as many rows as necessary)	Under Development	Completed	Being Implemented
Total Cost of Conservation Plans/Strategies/Agreements (000's)			

Recovery Plans		
	Animal	Plant
Number of Recovery Plans Being Implemented in FY01		
Total Cost to complete and implement Recovery Plans (000's)		
Give the Number of Staff That Participated as a Recovery Team Member and Names of Recovery Plans Developed in FY01		
Names of Recovery Plans for FY01 (Insert as many rows as necessary)	Staff Number	

B. 2001 Accomplishments and 2003 Needs

Please provide total funding level needs and additional FTEs for your Fish, Wildlife, Botany, and Threatened and Endangered Species programs for Fiscal Year 2003.

- Each State Office should compile Resource Area or Field Office figures from the FY2003 Needs tables and submit one table per state.

FY2003 Program Needs		
	Total Funding Needs (\$000's)	Additional Personnel Needs (#FTE)
Wildlife		
Fisheries		
Botany		
Threatened and Endangered Species		

Accomplishments and Needs Narratives

Specific examples of needs and successes help convey and quantify the Bureau's program accomplishments and needs. This information will be used for the Annual Fish and Wildlife Accomplishments Report, the 2003 budget justification, other reports, briefing papers, and brochures.

Please provide narratives describing Fish, Wildlife, Botany, and Threatened and Endangered Species Accomplishments for 2001 and Needs for Fiscal Year 2003. Each State is required to provide **two** accomplishments (each in paragraph form) and then five bulleted accomplishments for each program. Each State is also required to provide **two** needs narratives for each program (in paragraph form) and then up five bulleted needs for each program. Hence, we anticipate receiving a total of four narratives and ten bullets for each program. A sample for constructing and formatting the narratives has been provided. Please follow the guidelines below and utilize the standardized format provided.

Guidelines

- Include the name of the Resource Area(s) or Field Office(s) in each accomplishment and need.
- Include possible partners such as Trout Unlimited or The Nature Conservancy.
- Provide positive economic benefit and/or conflict resolution to community and country as a result of management activities on BLM.
- Narratives should be clear, concise, and informative.

Threatened and Endangered Species Management (Sample Narratives)

2001 Accomplishments

BLM wildlife biologists continued to participate in delineation and habitat-use mapping efforts for sage grouse in a nine State region. State wildlife agencies are leading the conservation planning efforts in these States. In addition, biologists are working cooperatively in a seven-State area on developing State conservation plans for the black-tailed prairie dog, a species that potentially could be listed under the Endangered Species Act if conservation efforts fail. Efforts to inventory and identify potential reintroduction sites for the threatened Utah prairie dog are underway in Utah.

Several habitat improvement projects designed specifically for sage grouse were completed in Utah and Wyoming in cooperation with the Rocky Mountain Elk Foundation, the National Fish and Wildlife Foundation, Mule Deer Foundation, and Shell Oil Company. BLM, in cooperation with the Deseret Land and Livestock, cooperatively restored 320 acres of old monoculture seedings in an area that was historically important sage grouse habitat in northeastern Utah.

- Roswell Field Office is developing the Ft. Stanton Area of Critical Environmental Concern Implementation Plan that addresses the endangered Kuenzler's hedgehog cactus.
- BLM in Colorado continues to manage Black-footed ferret breeding and pre-conditioning facility. Ferrets from this facility are being transplanted in Colorado and Utah.
- Alturas Field Office inventoried eight allotments, totaling 116,000 acres, for sage grouse habitat. Fifteen leks were counted numerous times during the breeding season.
- Dillon Field Office coordinated with Beaverhead National Forests and Salmon Field Office to facilitate potential habitat mapping and identification of Lynx Analysis Units.
- Approximately 200,000 acres of grassland were surveyed for Mountain plover in the Socorro Field Office.

2003 Needs

The Utah Prairie Dog Interim Conservation Strategy calls for vegetation projects to improve existing habitat. Monitoring of past projects is also needed. Improvement of public land habitat is required for implementation of the local Habitat Conservation Plan and in resolving conflicts on private lands. The “take” of Utah prairie dogs on private lands is based on Utah prairie dog numbers on public lands. Most of the vegetation projects would be completed by contractors. An additional FTE is needed to implement BLM’s recovery responsibilities and administer the Utah prairie dog program, freeing up our current biologist to work on other concerns. Cooperators include the Utah Division of Wildlife Resources and U.S. Fish and Wildlife Service. There is also increasing concern that existing Utah prairie dog management plans may need modification to cover multi-species concerns. (\$50,000)

Continuation of the Oregon Spotted Frog study with the USGS to determine the relationship of bullfrogs to the decline of Oregon Spotted Frog. Continue study of the Casey tract, Crescent Creek

and possibly Sunriver populations to determine how the populations in those areas which do not have bullfrog populations differ from the Casey tract which does have both species. Study results may help in determining how to allocate future funds and management. (i.e., Should we focus on maintaining certain habitats within bullfrog infested areas for spotted frogs or should we put effort into bullfrog control?) (\$35,000)

- The Surprise Field Office needs supplemental funding to promote recovery of the Warner sucker by conducting habitat surveys in the upper Warner Basin. (\$10,000)
- All Idaho Field Offices will need additional funding to implement actions to reduce noxious weed infestations on listed MacFarlane's four-o'clock populations. (\$7,000)
- Billings Field Office continued peregrine falcon productivity monitoring necessary under delisting criteria. (\$2,000)
- The Las Cruces Field Office will continue implementation of planned actions in the recovery plans for Southwestern willow flycatcher, loach minnow and spikedace. (\$15,000)
- Initiate a GIS mapping project for all listed special status plant species in the Kanab Field Office for the field office planning and standards and guides assessments. (\$10,000)

Wildlife Management (Narratives)

2001 Accomplishments

2003 Needs

Fisheries Management (Narratives)

2001 Accomplishments

2003 Needs

Botany Management (Narratives)

2001 Accomplishments

2003 Needs

C. FY2000 T/E Species Expenditures and Special Status Species Information

Please provide Special Status Species list funding information on **Threatened and Endangered Species Expenditures for Fiscal Year 2001**. Follow the guidelines below and utilize the standardized format provided in Table C.

Guidelines for T/E Expenditures

- C Only species on the list of Endangered, Threatened, and Candidate Wildlife and Plants (50 CFR Part 17) at the end of the Fiscal Year are to be reported. Expenditures made prior to the actual listing date of a species, but still within the same year, may be reported (e.g., costs of public meetings, notices, surveys, initial recovery efforts). Monies for unlisted, separate populations of listed vertebrates cannot be allowed into the report.
- C Species should be identified by the same name as found in the most current list of species. Amounts above \$2,000 need be only to nearest \$500 or \$1,000; smaller amounts may be to the nearest \$100.
- C In passing the amendment, Congress indicated that the requirement was aimed primary at expenses associated with the development and implementation of recovery plans for listed species. Thus, the main focus of the report should be funding of projects that are primarily to support the conservation of endangered or threatened species.
- C Only reasonably identifiable expenditures for listed species will be totaled in this report. Extraordinary accounting to track monies expended on individual listed species are not expected.
- C All habitat acquisition costs are to be reported separately from all other identifiable expenditures. Such acquisitions must be primarily for the purpose of conserving specific Federally listed species. As with other projects, those portions of habitat acquisition costs that are specifically for a listed species may be prorated out of the total acquisition costs when the other habitat is being acquired for other purposes (e.g., 25 acres of a 250-acre purchase will be set aside).
- C Salary and benefits of an employee working full-time on a single species or whose time devoted to a particular species can be readily identified can be reported. Conversely, staff costs that are not assigned to work on particular species are not usually reportable.
- C Any State or Federal project that incurs increased costs related directly to mitigation or other conservation efforts on behalf of Federally listed species can report that added cost.
- C Examples of reportable expenditures that are directed to individual species include status surveys, habitat management or acquisition, research, propagation (including surrogate species), recovery plan development or implementation, and mitigation. The project must be to primarily benefit the listed species and not other conservation goals.
- C Expenditures in a single project devoted to a number of listed species should be prorated.

- C Monitoring and survey costs should be reported when: 1) The cost of the monitoring or survey was during the period the species was under a proposed listed and the species was actually listed in the same fiscal year that the monitoring and surveys were conducted; 2) The monitoring or survey covered both candidates and listed species and the cost can be prorated to include only the listed species; and 3) Monitoring or surveys costs of listed species should be included when they readily identifiable to a single species.

D. FY2001 Challenge Cost Share

Please provide funding information on Fiscal Year 2001 Challenge Cost Share accomplishments by completed project. Provide funding levels for each benefitting BLM subactivity and all contributed amounts from other partners. Please utilize the standardized format provided in Table D.

Table C. FY2001 T/E Species Expenditures and Special Status Species Information

(State lists from FY00 are posted on the intranet <http://web.blm.gov/internal/wo-200/wo-230/datacall.htm>)

Use the following table to provide a list of special status species that appear on BLM managed land. Only provide expenditures for Federally listed, proposed, and candidate species.

Special Status Species					
Common Name	Scientific Name	Status	Federally Proposed or Designated Critical Habitat (if yes, give approximate BLM acreage)	Expenditures (\$000's)	
				Total Cost	Land Acquisition 1./
Federally Listed					
Longhorn fairy shrimp	Branchinecta conservatio	FE			
Conservancy fairy shrimp	Branchinecta conservatio	FE			
Vernal pool fairy shrimp	Branchinecta lynchi	FT			
Valley elderberry longhorn beetle	Desmocerus californicus dimorphus	FT			
Quino checkerspot butterfly	Euphydryas editha quino	FE			
Kern primrose sphinx moth	Euproserpinus euterpe	FT			
Vernal pool tadpole shrimp	Lepidurus packardi	FE			
Modoc sucker	Catostomus microps	FE			
Warner sucker	Catostomus warnerensis	FT			
Shortnose sucker	Chasmistes brevirostris	FE			
Desert pupfish	Cyprinodon macularius	FE			
Owens pupfish	Cyprinodon radiosus	FE			
Lost River sucker	Deltistes luxatus	FE			
Unarmored threespine stickleback	Gasterosteus aculeatus williamsoni	FE			
Mohave tui chub	Gila bicolor mohavensis	FE			
Owens tui chub	Gila bicolor snyderi	FE			
Lahontan cutthroat trout	Oncorhynchus clarki henshawi	FT			
Coho salmon (Central CA Coast ESU)	Oncorhynchus kisutch	FT			
Coho salmon (So OR/No CA Coast ESU)	Oncorhynchus kisutch	FT			
Steelhead (Central Valley ESU)	Oncorhynchus mykiss	FT			
Steelhead (Central CA Coast ESU)	Oncorhynchus mykiss	FT			
Chinook salmon (Sacramento R. winter-run ESU)	Oncorhynchus tshawytscha	FE			
Chinook salmon (Central Valley	Oncorhynchus tshawytscha	FT			

spring-run ESU)					
Chinook salmon (California coastal ESU)	<i>Oncorhynchus tshawytscha</i>	FT			
Desert slender salamander	<i>Batrachoseps aridus</i>	FE			
Arroyo toad	<i>Bufo microscaphus californicus</i>	FE			
California red-legged frog	<i>Rana aurora draytonii</i>	FT			
Blunt-nosed leopard lizard	<i>Gambelia silus</i>	FE			
Desert tortoise	<i>Gopherus agassizii</i>	FT			
Giant garter snake	<i>Thamnophis gigas</i>	FT			
Coachella V. fringe-toed lizard	<i>Uma inornata</i>	FT			
Marbled murrelet	<i>Brachyramphus marmoratus marmoratus</i>	FT			
Aleutian Canada goose	<i>Branta canadensis leucopareia</i>	FT			
Western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FT			
SW willow flycatcher	<i>Empidonax traillii extimus</i>	FE			
California condor	<i>Gymnogyps californianus</i>	FE			
Bald eagle	<i>Haliaeetus leucocephalus</i>	FT			
Brown pelican	<i>Pelecanus occidentalis</i>	FE			
Inyo CA (=brown) towhee	<i>Pipilo crissalis eremophilus</i>	FT			
Coastal CA gnatcatcher	<i>Polioptila californica californica</i>	FT			
Yuma clapper rail	<i>Rallus longirostris yumanensis</i>	FE			
Northern spotted owl	<i>Strix occidentalis caurina</i>	FT			
Least Bell's vireo	<i>Vireo bellii pusillus</i>	FE			
Giant kangaroo rat	<i>Dipodomys ingens</i>	FE			
Fresno kangaroo rat	<i>Dipodomys nitratooides exilis</i>	FE			
Tipton kangaroo rat	<i>Dipodomys nitratooides nitratooides</i>	FE			
Stephens' kangaroo rat	<i>Dipodomys stephensi</i>	FE			
Amargosa vole	<i>Microtus californicus scirpensis</i>	FE			
Bighorn sheep (Peninsular Ranges)	<i>Ovis canadensis</i>	FE			
Bighorn sheep (Sierra Nevada pop.)	<i>Ovis canadensis californiana</i>	FE			
San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	FE			
San Diego thorn-mint	<i>Acanthomintha ilicifolia</i>	FT			
Munz's onion	<i>Allium munzii</i>	FT			
McDonald's rock-cress	<i>Arabis mcdonaldiana</i>	FE			
Morro manzanita	<i>Arctostaphylos morroensis</i>	FT			
Ione manzanita	<i>Arctostaphylos myrtifolia</i>	FT			
Cushenbury milk-vetch	<i>Astragalus albens</i>	FE			
Braunton's milk-vetch	<i>Astragalus brauntonii</i>	FE			

Lane Mtn. Milkvetch	<i>Astragalus jaegeriannus</i>	FE			
Coachella Valley milkvetch	<i>Astragalus lentiginosus</i> var. <i>coachellaie</i>	FE			
Fish Slough milkvetch	<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	FT			
Pierson's milkvetch	<i>Astragalus magdalena</i> var. <i>piersonii</i>	FT			
Triple-ribbed milkvetch	<i>Astragalus tricarinatus</i>	FE			
San Jacinto Valley crownscale	<i>Atriplex coronata</i> <i>notatior</i>	FE			
Encinitis baccharis	<i>Baccharis vanessae</i>	FT			
Nevin's barberry	<i>Berberis nevinii</i>	FE			
Thread-leaved brodiaea	<i>Brodiaea filifolia</i>	FT			
Stebbins' morning-glory	<i>Calystegia stebbinsii</i>	FE			
San Benito evening-primrose	<i>Camissonia benitensis</i>	FT			
Fleshy owl's-clover	<i>Castilleja campestris</i> ssp. <i>succulenta</i>	FT			
California jewelflower	<i>Caulanthus californicus</i>	FE			
Pine Hill ceanothus	<i>Ceanothus roderickii</i>	FE			
Spring-loving centaury	<i>Centaureum namophilum</i>	FT			
Hoover's spurge	<i>Chamaesyce hooveri</i>	FT			
Purple amole	<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	FT			
Howell's spineflower	<i>Chorizanthe howellii</i>	FE			
Orcutt's spineflower	<i>Chorizanthe orcuttiana</i>	FE			
Monterey spineflower	<i>Chorizanthe pungens</i> var. <i>pungens</i>	FT			
Chorro Creek bog thistle	<i>Cirsium fontinale</i> var. <i>obispoense</i>	FE			
La Graciosa thistle	<i>Cirsium loncholepis</i>	FE			
Springville clarkia	<i>Clarkia springvillensis</i>	FT			
Slender-horned spineflower	<i>Dodecahema leptoceras</i>	FE			
Marcescent dudleyea	<i>Dudleya cymosa</i> ssp. <i>marcescens</i>	FT			
Kern mallow	<i>Eremalche kernensis</i>	FE			
Santa Ana River woolly-star	<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	FE			
Hoover's woolly-star	<i>Eriastrum hooveri</i>	FT			
Parish's daisy	<i>Erigeron parishii</i>	FT			
Indian Knob mountain balm	<i>Eriodictyon altissimum</i>	FE			
Lompoc yerba santa	<i>Eriodictyon capitatum</i>	FE			
Ione buckwheat	<i>Eriogonum apricum</i>	FE			
Cushenbury buckwheat	<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	FE			
Menzies' wallflower	<i>Erysimum menziesii</i> ssp. <i>eurekense</i>	FE			
Pine Hill flannelbush	<i>Fremontodendron californicum</i> ssp. <i>decumbens</i>	FE			

Mexican flannelbush	Fremontodendron mexicanum	FE			
El Dorado bedstraw	Galium californicum ssp. sierrae	FE			
Monterey gilia	Gilia tenuiflora ssp. arenaria	FE			
Ash Meadows gumplant	Grindelia fraxino-pratensis	FT			
Otay tarplant	Hemizonia conjugens	FT			
Water howellia	Howellia aquatilis	FT			
Contra Costa goldfields	Lasthenia conjugens	FE			
Beach layia	Layia carnosa	FE			
San Joaquin wooly-threads	Lembertia congdonii	FE			
Butte County meadowfoam	Limnanthes floccosa californica	FE			
Amargosa niterwort	Nitrophila mohavensis	FE			
Bakersfield cactus	Opuntia treleasei	FE			
California orcutt grass	Orcuttia californica	FE			
San Joaquin Valley orcutt grass	Orcuttia inaequalis	FT			
Hairy orcutt grass	Orcuttia pilosa	FE			
Slender orcutt grass	Orcuttia tenuis	FT			
Cushenbury oxytheca	Oxytheca parishii var. goodmaniana	FE			
Yreka phlox	Phlox hirsuta	FE			
Otay mesa-mint	Pogogyne nudiuscula	FE			
Hartweg's golden sunburst	Pseudobahia bahiifolia	FE			
San Joaquin adobe sunburst	Pseudobahia peirsonii	FT			
Layne's butterweed	Senecio layneae	FT			
Keck's checker-mallow	Sidalcea keckii	FE			
Metcalf Canyon jewelflower	Streptanthus albidus albidus	FE			
Greene's orcutt grass	Tuctoria greenei	FE			
Red Hills vervain	Verbena californica	FT			
Federally Proposed					
White abalone	Haliotes sorenseni	PE			
Cowhead Lake tui chub	Gila bicolor vaccaceps	PE			
Steelhead (Northern CA ESU)	Oncorhynchus mykiss	PT			
Mountain plover	Charadrium montanus	PT			
San Diego ambrosia	Ambrosia pumila	PE			

Candidate					
Black abalone	<i>Haliotis cracherodii</i>	C			
Steelhead (Klamath Mtns. ESU)	<i>Oncorhynchus mykiss</i>	C			
Chinook Salmon (Central V. ESU)	<i>Oncorhynchus tshawytscha</i>	C			
California tiger salamander	<i>Ambystoma californiense</i>	C			
Coachella Valley round-tailed ground squirrel	<i>Spermophilus tereticadus ssp. chlorus</i>	C			
Red Mountain buckwheat	<i>Eriogonum kelloggii</i>	C			
Red Mountain stonecrop	<i>Sedum eastwoodiae</i>	C			
Parish's checkerbloom	<i>Sidalcea hickmanii ssp. parishii</i>	C			
BLM Sensitive*					
Keeled sideband snail	<i>Monadenia circumcarinata</i>	BS			
Hairy Sierra sideband snail	<i>Monadenia mormonum hirsuta</i>	BS			
Ciervo aegialian scarab beetle	<i>Aegialia concinna</i>	BS			
San Joaquin dune beetle	<i>Coelus gracilis</i>	BS			
Shoshone Cave whip-scorpion	<i>Trithyreus shoshonensis</i>	BS			
Amargosa River pupfish	<i>Cyprinodon nevadensis amargosae</i>	BS			
Red Hills roach	<i>Lavinia symmetricus ssp.</i>	BS			
Amargosa speckled dace	<i>Rhinichthys osculus ssp.</i>	BS			
Inyo Mountains slender salamander	<i>Batrachoseps campi</i>	BS			
Tehachapi slender salamander	<i>Batrachoseps stebbinsi</i>	BS			
Yellow-blotched salamander	<i>Ensatina eschscholtzi croceator</i>	BS			
Foothill yellow-legged frog	<i>Rana boylei</i>	BS			
San Sebastian leopard frog	<i>Rana yavapaiensis</i>	BS			
Couch's spadefoot toad	<i>Scaphiopus couchi</i>	BS			
Southwestern pond turtle	<i>Clemmys marmorata pallida</i>	BS			
Coronado skink	<i>Eumeces skiltonianus interparietalis</i>	BS			
Gila monster	<i>Heloderma suspectum</i>	BS			
St. Helena mountain kingsnake	<i>Lampropeltis zonata zonata</i>	BS			
California horned lizard	<i>Phrynosoma coronatum frontale</i>	BS			
Flat-tailed horned lizard	<i>Phrynosoma mcalli</i>	BS			
Northern sagebrush lizard	<i>Sceloporus graciosus graciosus</i>	BS			
Two-striped garter snake	<i>Thamnophis hammondii</i>	BS			
Colorado Desert fringe-toed lizard	<i>Uma notata notata</i>	BS			
Mojave fringe-toed lizard	<i>Uma scoparia</i>	BS			

Tricolored blackbird	<i>Agelaius tricolor</i>	BS			
Burrowing owl	<i>Athene cucularia</i>	BS			
Sage grouse	<i>Centrocercus urophasianus</i>	BS			
California spotted owl	<i>Strix occidentalis occidentalis</i>	BS			
Bendire's thrasher	<i>Toxostoma bendirei</i>	BS			
Le Conte's thrasher	<i>Toxostoma lecontei</i>	BS			
Gray vireo	<i>Vireo vicinior</i>	BS			
Pallid bat	<i>Antrozous pallidus</i>	BS			
Marysville kangaroo rat	<i>Dipodomys californicus eximius</i>	BS			
Short-nosed kangaroo rat	<i>Dipodomys nitratooides brevinasus</i>	BS			
Spotted bat	<i>Euderma maculatum</i>	BS			
Western mastiff-bat	<i>Eumops perotis californicus</i>	BS			
California leaf-nosed bat	<i>Macrotus californicus</i>	BS			
Pacific fisher	<i>Martes pennanti pacifica</i>	BS			
Small-footed Myotis	<i>Myotis ciliolabrum</i>	BS			
Long-eared Myotis	<i>Myotis evotis</i>	BS			
Fringed Myotis	<i>Myotis thysanodes</i>	BS			
Cave myotis	<i>Myotis velifer</i>	BS			
Yuma Myotis	<i>Myotis yumanensis</i>	BS			
Tulare grasshopper mouse	<i>Onychomys torridus tularensis</i>	BS			
Desert bighorn sheep	<i>Ovis canadensis nelsoni</i>	BS			
San Joaquin pocket mouse	<i>Perognathus inornatus inornatus</i>	BS			
Yellow-eared pocket mouse	<i>Perognathus xanthonotus</i>	BS			
Townsend's western big-eared bat	<i>Plecotus townsendii</i>	BS			
pink sand-verbena	<i>Abronia umbellata ssp. breviflora</i>	BS			
Henderson's bent grass	<i>Agrostis hendersonii</i>	BS			
Jepson's onion	<i>Allium jepsonii</i>	BS			
Spanish Needle onion	<i>Allium shevockii</i>	BS			
dimorphic snapdragon	<i>Antirrhinum subcordatum</i>	BS			
Bodie Hills rock cress	<i>Arabis bodiensis</i>	BS			
Darwin rock cress	<i>Arabis pulchra var. munciensis</i>	BS			
white bear poppy	<i>Arctomecon merriamii</i>	BS			
Arroyo De La Cruz manzanita	<i>Arctostaphylos cruzensis</i>	BS			
Hooker's manzanita	<i>Arctostaphylos hookeri ssp. hookeri</i>	BS			
Klamath manzanita	<i>Arctostaphylos klamathensis</i>	BS			
Monterey manzanita	<i>Arctostaphylos montereyensis</i>	BS			
Nissenan manzanita	<i>Arctostaphylos nissenana</i>	BS			

Otay manzanita	Arctostaphylos otayensis	BS		
Santa Margarita manzanita	Arctostaphylos pilosula	BS		
Sandmat manzanita	Arctostaphylos pumila	BS		
sand mesa manzanita	Arctostaphylos rudis	BS		
Field milk-vetch	Astragalus agrestis	BS		
Ash Valley milk-vetch	Astragalus anxius	BS		
Silverleaf milk-vetch	Astragalus argophyllus var. argophyllus	BS		
Darwin Mesa milk-vetch	Astragalus atratus var. mensanus	BS		
Deane's milk-vetch	Astragalus deanei	BS		
Jacumba milkvetch	Astragalus douglasii var. perstrictus	BS		
Walker Pass milkvetch	Astragalus erterae	BS		
black milk-vetch	Astragalus funereus	BS		
Geyer's milkvetch	Astragalus geyeri var. geyeri	BS		
lens-pod milk-vetch	Astragalus lentiformis	BS		
San Diego rattleweed	Astragalus oocarpus	BS		
Tonopah milk-vetch	Astragalus pseudiodanthus	BS		
Pulsifer's milk-vetch	Astragalus pulsiferae var. pulsiferae	BS		
Suksdorf's milk-vetch	Astragalus pulsiferae var. suksdorfii	BS		
Jepson's milk-vetch	Astragalus rattanii var. jepsonianus	BS		
Shevock's milk-vetch	Astragalus shevockii	BS		
Ferris's milk-vetch	Astragalus tener var. ferrisiae	BS		
Tiehm's milk-vetch	Astragalus tiehmii	BS		
Webber's milk-vetch	Astragalus webberi	BS		
heart-leaved saltbush	Atriplex cordulata	BS		
Lost Hills saltbush	Atriplex vallicola	BS		
woolly balsamroot	Balsamorhiza hookeri var. lanata	BS		
big-scale balsamroot	Balsamorhiza macrolepis var. macrolepis	BS		
scalloped moonwort	Botrichium crenulatum	BS		
Orcutt's brodiaea	Brodiaea orcuttii	BS		
Ceanothus divergens	Calistoga ceanothus	BS		
Arroyo de la Cruz mariposa lily	Calochortus clavatus ssp. recurvifolius	BS		
Pleasant Valley mariposa lily	Calochortus clavatus var. avius	BS		
Inyo mariposa	Calochortus excavatus	BS		
Greene's mariposa	Calochortus greenei	BS		
long-haired star-tulip	Calochortus longebarbatus var. longebarbatus	BS		

San Luis mariposa lily	<i>Calochortus obispoensis</i>	BS		
alkali mariposa lily	<i>Calochortus striatus</i>	BS		
Shirley Meadows star-tulip	<i>Calochortus westonii</i>	BS		
Hardham's evening-primrose	<i>Camissonia hardhamiae</i>	BS		
Sharsmith's harebell	<i>Campanula sharsmithiae</i>	BS		
Castle Crags harebell	<i>Campanula shetleri</i>	BS		
San Luis Obispo sedge	<i>Carex obispoensis</i>	BS		
Mendocino Coast paintbrush	<i>Castilleja mendocinensis</i>	BS		
Santa Barbara jewelflower	<i>Caulanthus amplexicaulis</i> var. <i>barbarae</i>	BS		
Jaeger's caulostramina	<i>Caulostramina jaegeri</i>	BS		
Rincon Ridge ceanothus	<i>Ceanothus confusus</i>	BS		
Monterey ceanothus	<i>Ceanothus cuneatus</i> var. <i>rigidus</i>	BS		
lakeside ceanothus	<i>Ceanothus cyaneus</i>	BS		
Calistoga ceanothus	<i>Ceanothus divergens</i>	BS		
Shasta chaenactis	<i>Chaenactis suffrutescens</i>	BS		
flat-seeded spurge	<i>Chamaesyce platysperma</i>	BS		
Red Hills soaproot	<i>Chlorogalum grandiflorum</i>	BS		
dwarf soaproot	<i>Chlorogalum pomeridianum</i> var. <i>minus</i>	BS		
San Benito spineflower	<i>Chorizanthe biloba</i> var. <i>immemora</i>	BS		
Brewer's spineflower	<i>Chorizanthe breweri</i>	BS		
straight-awned spineflower	<i>Chorizanthe rectispina</i>	BS		
slough thistle	<i>Cirsium crassicaule</i>	BS		
Mt. Hamilton thistle	<i>Cirsium fontinale</i> var. <i>campylon</i>	BS		
compact cobwebby thistle	<i>Cirsium occidentale</i> var. <i>compactum</i>	BS		
Mariposa clarkia	<i>Clarkia biloba</i> ssp. <i>australis</i>	BS		
Shasta clarkia	<i>Clarkia borealis</i> ssp. <i>arida</i>	BS		
white-stemmed clarkia	<i>Clarkia gracilis</i> ssp. <i>albicaulis</i>	BS		
Mosquin's clarkia	<i>Clarkia mosquinii</i> ssp. <i>mosquinii</i>	BS		
Enterprise clarkia	<i>Clarkia mosquinii</i> ssp. <i>xerophila</i>	BS		
Beaked clarkia	<i>Clarkia rostrata</i>	BS		
Caliente clarkia	<i>Clarkia trembloriensis</i> ssp. <i>calientens</i>	BS		
Great Basin claytonia	<i>Claytonia umbellata</i>	BS		
hispid bird's beak	<i>Cordylanthus mollis</i> ssp. <i>hispidus</i>	BS		
Tecopa bird's beak	<i>Cordylanthus tecopensis</i>	BS		
pallid bird's beak	<i>Cordylanthus tenuis</i> ssp. <i>pallescens</i>	BS		
Mt. Hamilton coreopsis	<i>Coreopsis hamiltonii</i>	BS		

silky cryptantha	<i>Cryptantha crinita</i>	BS		
Gander's cryptantha	<i>Cryptantha ganderi</i>	BS		
Schoolcraft's cryptantha	<i>Cryptantha schoolcraftii</i>	BS		
Piute cypress	<i>Cupressus arizonica</i> ssp. <i>nevadensis</i>	BS		
Tecate cypress	<i>Cupressus forbesii</i>	BS		
Bodie Hills cusickiella	<i>Cusickiella quadricostata</i>	BS		
desert cymopterus	<i>Cymopterus deserticola</i>	BS		
Ornate dalea	<i>Dalea ornata</i>	BS		
Kern County Larkspur	<i>Delphinium purpusii</i>	BS		
recurved larkspur	<i>Delphinium recurvatum</i>	BS		
California ditaxis	<i>Ditaxis californica</i>	BS		
Mt. Eddy draba	<i>Draba carnosula</i>	BS		
San Luis Obispo serpentine dudleya	<i>Dudleya abramsii</i> ssp. <i>bettinae</i>	BS		
many-stemmed duleya or hasseanthus	<i>Dudleya multicaulis</i>	BS		
variegated dudleya	<i>Dudleya variegata</i>	BS		
Howe's hedgehog cactus	<i>Echinocereus engelmannii</i> var. <i>howei</i>	BS		
Panamint daisy	<i>Enceliopsis covillei</i>	BS		
Oregon fireweed	<i>Epilobium oregonum</i>	BS		
Siskiyou fireweed	<i>Epilobium siskiyouense</i>	BS		
Eastwood's goldenbush	<i>Ericameria fasciculata</i>	BS		
Hall's daisy	<i>Erigeron aequifolius</i>	BS		
Blochman's leafy daisy	<i>Erigeron blochmaniae</i>	BS		
Kern River daisy	<i>Erigeron multiceps</i>	BS		
forked buckwheat	<i>Eriogonum bifurcatum</i>	BS		
Piute buckwheat	<i>Eriogonum breedlovei</i> var. <i>breedlovei</i>	BS		
Crosby's buckwheat	<i>Eriogonum crosbyae</i>	BS		
Wild Rose Canyon buckwheat	<i>Eriogonum eremicola</i>	BS		
Klamath Mtn. buckwheat	<i>Eriogonum hirtellum</i>	BS		
Cache Peak buckwheat	<i>Eriogonum kennedyi</i> var. <i>pinicola</i>	BS		
Panamint Mountains buckwheat	<i>Eriogonum microthecum</i> var. <i>panamintense</i>	BS		
Snow Mtn. buckwheat	<i>Eriogonum nervulosum</i>	BS		
mouse buckwheat	<i>Eriogonum nudum</i> var. <i>murinum</i>	BS		
prostrate buckwheat	<i>Eriogonum prociduum</i>	BS		
Temblor buckwheat	<i>Eriogonum temblorense</i>	BS		
Fort Tejon woolly sunflower	<i>Eriophyllum lanatum</i> var. <i>hallii</i>	BS		
Barstow woolly-sunflower	<i>Eriophyllum mohavense</i>	BS		
Coast wallflower	<i>Erysimum ammophilum</i>	BS		

Tuolumne fawn-lily	<i>Erythronium tuolumnense</i>	BS			
Red Rock poppy	<i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i>	BS			
diamond-petaled California poppy	<i>Eschscholzia rhombipetala</i>	BS			
Alverson's foxtail cactus	<i>Escobaria vivipara</i> var. <i>alversonii</i>	BS			
Butte County fritillary	<i>Fritillaria eastwoodiae</i>	BS			
talus fritillary	<i>Fritillaria falcata</i>	BS			
adobe lily	<i>Fritillaria pluriflora</i>	BS			
San Jacinto bedstraw	<i>Galium californicum</i> ssp. <i>primum</i>	BS			
Modoc bedstraw	<i>Galium glabrescens</i> ssp. <i>modocense</i>	BS			
San Gabriel bedstraw	<i>Galium grande</i>	BS			
Hardham's bedstraw	<i>Galium hardhamiae</i>	BS			
Kingston bedstraw	<i>Galium hilendiae</i> ssp. <i>kingstonense</i>	BS			
Scott Mtn. bedstraw	<i>Galium serpenticum</i> ssp. <i>scotticum</i>	BS			
Warner Mtns. bedstraw	<i>Galium serpenticum</i> ssp. <i>warnerense</i>	BS			
Mendocino gentian	<i>Gentiana setigera</i>	BS			
little San Bernardino Mt. gilia	<i>Gilia maculata</i>	BS			
Mission Canyon bluecup	<i>Githopsis diffusa</i> ssp. <i>filicaulis</i>	BS			
pungent glossopetalon	<i>Glossopetalon pungens</i>	BS			
Palmer's grapplinghook	<i>Harpagonella palmeri</i>	BS			
Orcutt's Hazardia	<i>Hazardia orcuttii</i>	BS			
Diablo rock-rose	<i>Helianthella castanea</i>	BS			
Tecate tarplant	<i>Hemizonia floribunda</i>	BS			
Congdon's tarplant	<i>Hemizonia parryi</i> ssp. <i>congdonii</i>	BS			
glandular western flax	<i>Hesperolinon adenophyllum</i>	BS			
Brewer's dwarf flax	<i>Hesperolinon breweri</i>	BS			
Drymaria-like western flax	<i>Hesperolinon drymarioides</i>	BS			
Napa western flax	<i>Hesperolinon serpentinum</i>	BS			
Tehama County western flax	<i>Hesperolinon tehamense</i>	BS			
Shevock's hairy golden-aster	<i>Heterotheca villosa</i> var. <i>shevockii</i>	BS			
Duran's alumroot	<i>Heuchera duranii</i>	BS			
Henderson's horkelia	<i>Horkelia hendersonii</i>	BS			
Parry's horkelia	<i>Horkelia parryi</i>	BS			
Inyo hulsea	<i>Hulsea vestita</i> ssp. <i>inyoensis</i>	BS			
Sierra Valley ivesia	<i>Ivesia aperta</i> var. <i>aperta</i>	BS			
Jaeger's ivesia	<i>Ivesia jaegeri</i>	BS			
alkali ivesia	<i>Ivesia kingii</i> var. <i>kingii</i>	BS			

Castle Crags ivesia	<i>Ivesia longibracteata</i>	BS		
Ash Creek ivesia	<i>Ivesia paniculata</i>	BS		
Kingston Mtns. ivesia	<i>Ivesia patellifera</i>	BS		
Pickering's ivesia	<i>Ivesia pickeringii</i>	BS		
grimy ivesia	<i>Ivesia rhypara</i> var. <i>rhypara</i>	BS		
Plumas ivesia	<i>Ivesia sericoleuca</i>	BS		
Webber's ivesia	<i>Ivesia webberi</i>	BS		
Red Bluff dwarf rush	<i>Juncus leiospermus</i> var. <i>leiospermus</i>	BS		
Coulter's goldfields	<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	BS		
rayless tidytips	<i>Layia discoidea</i>	BS		
pale-yellow layia	<i>Layia heterotricha</i>	BS		
Jones's layia	<i>Layia jonesii</i>	BS		
Comanche Point layia threads	<i>Layia leucopappa</i>	BS		
Munz's tidy-tips	<i>Layia munzii</i>	BS		
Colusa layia	<i>Layia septentrionalis</i>	BS		
legenere	<i>Legenere limosa</i>	BS		
Gander's pitcher-sage	<i>Lepechinia ganderi</i>	BS		
Borrego Valley pepper-grass	<i>Lepidium flavum</i> var. <i>felipense</i>	BS		
Panoch pepper-grass	<i>Lepidium jaredii</i> ssp. <i>album</i>	BS		
Jared's pepper-grass	<i>Lepidium jaredii</i> ssp. <i>jaredii</i>	BS		
Cantelow's lewisia	<i>Lewisia cantelovii</i>	BS		
Heckner's lewisia	<i>Lewisia cotyledon</i> var. <i>heckneri</i>	BS		
Stebbins' lewisia	<i>Lewisia stebbinsii</i>	BS		
Bellinger's meadowfoam	<i>Limnanthes floccosa</i> ssp. <i>bellingermana</i>	BS		
Mt. Tedoc linanthus	<i>Linanthus nuttallii</i> ssp. <i>howellii</i>	BS		
Orcutt's linanthus	<i>Linanthus orcuttii</i>	BS		
sagebrush loeflingia	<i>Loeflingia squarrosa</i> var. <i>artemisiarum</i>	BS		
Congdon's lomatium	<i>Lomatium congdonii</i>	BS		
Owens Peak lomatium	<i>Lomatium shevockii</i>	BS		
red-flowered lotus	<i>Lotus rubriflorus</i>	BS		
Anthony Peak lupine	<i>Lupinus antoninus</i>	BS		
Quincy lupine	<i>Lupinus dalesiae</i>	BS		
Mono Lake lupine	<i>Lupinus duranii</i>	BS		
Mountain Springs bush lupine	<i>Lupinus excubitus</i> var. <i>medius</i>	BS		
San Luis lupine	<i>Lupinus ludovicianus</i>	BS		
Panamint Mountains lupine	<i>Lupinus magnificus</i> var. <i>magnificus</i>	BS		
shaggyhair lupine	<i>Lupinus spectabilis</i>	BS		

Niles's madia	<i>Madia doris-nilesiae</i>	BS		
Hall's madia	<i>Madia hallii</i>	BS		
showy madia	<i>Madia radiata</i>	BS		
Stebbins's madia	<i>Madia stebbinsii</i>	BS		
Davidson's bush mallow	<i>Malacothamnus davidsonii</i>	BS		
Carmel Valley bush mallow	<i>Malacothamnus palmeri</i> var. <i>involutratus</i>	BS		
Carmel Valley malacothrix	<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i>	BS		
Slender-stemmed monkeyflower	<i>Mimulus filicaulis</i>	BS		
Mojave monkeyflower	<i>Mimulus mohavensis</i>	BS		
Kaweah monkeyflower	<i>Mimulus norrisii</i>	BS		
calico monkeyflower	<i>Mimulus pictus</i>	BS		
pygmy monkeyflower	<i>Mimulus pygmaeus</i>	BS		
Shevock's monkeyflower	<i>Mimulus shevockii</i>	BS		
Lassics sandwort	<i>Minuartia decumbens</i>	BS		
Scott Mtn. sandwort	<i>Minuartia stolonifera</i>	BS		
Sweet-smelling monardella	<i>Monardella beneolens</i>	BS		
crisp monardella	<i>Monardella crispa</i>	BS		
veiny monardella	<i>Monardella douglasii</i> var. <i>venosa</i>	BS		
San Luis Obispo monardella	<i>Monardella frutescens</i>	BS		
flax-like monardella	<i>Monardella linoides</i> ssp. <i>oblonga</i>	BS		
Robison monardella	<i>Monardella robisonii</i>	BS		
San Diego goldenstar	<i>Muilla clevelandii</i>	BS		
Baker's navarretia	<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	BS		
Piute Mountains navarretia	<i>Navarretia setiloba</i>	BS		
Shasta snow-wreath	<i>Neviusia cliftonii</i>	BS		
short-joint beavertail	<i>Opuntia basilaris</i> var. <i>brachyclada</i>	BS		
Munz cholla	<i>Opuntia munzii</i>	BS		
purple mountain-parsley	<i>Oreonana purpurascens</i>	BS		
Shasta orthocarpus	<i>Orthocarpus pachystachyus</i>	BS		
Nevada oryctes	<i>Oryctes nevadensis</i>	BS		
Little ricegrass	<i>Oryzopsis exigua</i>	BS		
giant Spanish needle	<i>Palafoxia arida</i> var. <i>gigantea</i>	BS		
Ahart's paronychia	<i>Paronychia ahartii</i>	BS		
Dwarf lousewort	<i>Pedicularis centranthera</i>	BS		
white-margined beardtongue	<i>Penstemon albomarginatus</i>	BS		
thread-leaved beardtongue	<i>Penstemon filiformis</i>	BS		

Death Valley beardtongue	<i>Penstemon fruticiformis</i> var. <i>amargosae</i>	BS		
closed-throated beardtongue	<i>Penstemon personatus</i>	BS		
Stephen's beardtongue	<i>Penstemon stephensii</i>	BS		
Tracy's beardtongue	<i>Penstemon tracyi</i>	BS		
slender pentachaeta	<i>Pentachaeta exilis</i> ssp. <i>aeolica</i>	BS		
Inyo laphamia	<i>Perityle inyoensis</i>	BS		
Hanaupah laphamia	<i>Perityle villosa</i>	BS		
Death Valley sandpaper plant	<i>Petalonyx thurberi</i> ssp. <i>gilmanii</i>	BS		
Cooke's phacelia	<i>Phacelia cookei</i>	BS		
Scott Mountain phacelia	<i>Phacelia dalesiana</i>	BS		
Scott Valley phacelia	<i>Phacelia greenei</i>	BS		
Siskiyou phacelia	<i>Phacelia leonis</i>	BS		
Mono County phacelia	<i>Phacelia monoensis</i>	BS		
Death Valley round-leaved phacelia	<i>Phacelia mustelina</i>	BS		
Nash's phacelia	<i>Phacelia nashiana</i>	BS		
Nine Mile Canyon phacelia	<i>Phacelia novemmillensis</i>	BS		
Parish's phacelia	<i>Phacelia parishii</i>	BS		
Mount Diablo phacelia	<i>Phacelia phacelioides</i>	BS		
Stebbins' phacelia	<i>Phacelia stebbinsii</i>	BS		
Profuse-flowered pogogyne	<i>Pogogyne floribunda</i>	BS		
Mason's sky pilot	<i>Polemonium chartaceum</i>	BS		
Modoc County knotweed	<i>Polygonum polygaloides</i> ssp. <i>esotericum</i>	BS		
Black Rock potentilla	<i>Potentilla basaltica</i>	BS		
Howell's alkali grass	<i>Puccinellia howelli</i>	BS		
Parish's alkali grass	<i>Puccinellia parishii</i>	BS		
showy raillardella	<i>Raillardella pringlei</i>	BS		
Muir's raillardella	<i>Raillardiopsis muirii</i>	BS		
California beaked-rush	<i>Rhynchospora californica</i>	BS		
Moreno currant, San Diego currant	<i>Ribes canthariforme</i>	BS		
Sequoia gooseberry	<i>Ribes tularense</i>	BS		
Columbia yellow cress	<i>Rorippa columbiae</i>	BS		
Hall's rupertia	<i>Rupertia hallii</i>	BS		
Sanford's arrowhead	<i>Sagittaria sanfordii</i>	BS		
Tracy's sanicle	<i>Sanicula tracyi</i>	BS		
black-flowered figwort	<i>Scrophularia atrata</i>	BS		
Holmgren's skullcap	<i>Scutellaria holmgreniorum</i>	BS		

Feather River stonecrop	<i>Sedum albomarginatum</i>	BS			
Applegate stonecrop	<i>Sedum ob lanceolatum</i>	BS			
Canyon Creek stonecrop	<i>Sedum paradisum</i>	BS			
cut-leaved ragwort	<i>Senecio eurycephalus</i> var. <i>lewisrosei</i>	BS			
Butte County checker-mallow	<i>Sidalcea robusta</i>	BS			
English Peak greenbriar	<i>Smilax jamesii</i>	BS			
Rusby's desert-mallow	<i>Sphaeralcea rusbyi</i> var. <i>eremicola</i>	BS			
Woolly stenotus	<i>Stenotus lanuginosus</i>	BS			
Socrates Mine jewel-flower	<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	BS			
Freed's jewelflower	<i>Streptanthus brachiatus</i> ssp. <i>hoffmannii</i>	BS			
Mount Hamilton jewel-flower	<i>Streptanthus callistus</i>	BS			
Piute Mountains jewel-flower	<i>Streptanthus cordatus</i> var. <i>piutensis</i>	BS			
Hoffmann's jewel-flower	<i>Streptanthus glandulosus</i> var. <i>hoffmannii</i>	BS			
Three Peaks jewelflower	<i>Streptanthus morrisonii</i> ssp. <i>elatus</i>	BS			
Dorr's Cabin jewel-flower	<i>Streptanthus morrisonii</i> ssp. <i>hirtiflorus</i>	BS			
Kruckeberg's jewelflower	<i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i>	BS			
Morrison's jewel-flower	<i>Streptanthus morrisonii</i> ssp. <i>morrisonii</i>	BS			
Masonic Mountain jewelflower	<i>Streptanthus oliganthus</i>	BS			
oil neststraw	<i>Stylocline citroleum</i>	BS			
Mason neststraw	<i>Stylocline masonii</i>	BS			
Parry's tetracoccus	<i>Tetracoccus dioicus</i>	BS			
DeDecker's clover	<i>Trifolium macilentum</i> var. <i>dedeckerae</i>	BS			
El Dorado mule ears	<i>Wyethia reticulata</i>	BS			
Orcutt's woody aster	<i>Xylorhiza orcuttii</i>	BS			

FE-Federally endangered FT-Federally threatened PE-Proposed endangered PT-Proposed threatened C-Candidate BS-BLM sensitive CH-Critical Habitat PCH-Proposed Critical Habitat

* List species designated pursuant to IM-97-118

1./ As part of the total cost

Table D. FY2001 Challenge Cost Share

Please provide funding information on Fiscal Year 2001 Challenge Cost Share accomplishments by completed project. Provide funding levels for each benefitting BLM subactivity and all contributed amounts from other partners.

FY2001 Challenge Cost Share (000's)									
Office	Descriptive Title of Project	BLM Contribution by Subactivity						Partner(s) Contribution	
		1020	1040	1050	1110	1120	1150		1220
Totals									

