

Appendix A. Reports Provided by Other Federal Agencies

Department of Agriculture

- Animal and Plant Health Inspection Service
- Forest Service
- Natural Resources Conservation Service

Department of Commerce

- National Oceanic and Atmospheric Administration

Department of Defense

- Office of the Under Secretary
(representing Air Force, Army, Defense Logistics Agency, Navy, and Marine Corps)
- Army Corps of Engineers

Department of Energy

- Bonneville Power Administration

Department of the Interior

- Bureau of Indian Affairs
- Bureau of Land Management
- Bureau of Reclamation
- National Park Service
- Office of Surface Mining*
- U.S. Geological Survey

Department of Transportation

- Federal Aviation Administration
- Federal Highway Administration

Department of the Treasury

- Customs Service*

Other

- Environmental Protection Agency
- Federal Energy Regulatory Commission
- Nuclear Regulatory Commission
- Smithsonian Institution
- Tennessee Valley Authority

*--indicates Agency with no reasonably identifiable expenditures



U. States
Department of
Agriculture

Marketing and
Regulatory
Programs

Animal and Plant
Health Inspection
Service

Washington, DC
20250

June 9, 1999

Ms. Jamie Rappaport-Clark
Director
Fish and Wildlife Service
1849 C Street, NW
Washington, DC 20240

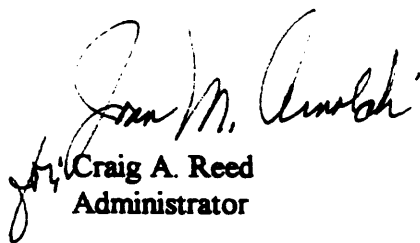
Dear Ms. Clark:

Enclosed is the Animal and Plant Health Inspection Service's (APHIS) report on the Fiscal Year 1998 expenditures related to the conservation of endangered and threatened species under the Endangered Species Act.

Enclosure 1 is the list of expenditures that APHIS has identified for particular species. We have included these figures on the printed copy of the Lotus 1-2-3 template. All of these activities were implemented by Wildlife Services. Enclosure 2 is the total amount that APHIS has spent for endangered and threatened species for which particular species could not be identified.

Should you have any questions concerning this data, please contact Nancy Sweeney, Policy and Program Development, Environmental Analysis and Documentation, at 301-734-7681.

Sincerely,


Craig A. Reed
Administrator

2 Enclosures



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ENCLOSURE 1

ENDANGERED AND THREATENED SPECIES EXPENDITURES
BY SPECIES

<u>SPECIES PROTECTED</u>	<u>TOTAL COST</u>
`Akepa, Hawaii	6,294.00
`Akiapola`au	6,294.00
Bat, Gray	8,000.00
Bat, Indiana	500.00
Bat, Mariana fruit	15,000.00
Bear, grizzly	11,472.00
Bear, Louisiana black	9,525.00
Butterfly, Karner blue	1,000.00
Caribou, woodland	100.00
Coot, Hawaiian	30,424.00
Crane, whooping	990.00
Creeper, Hawaii	6,294.00
Creeper, Oahu	1,722.00
Crow, Mariana	15,000.00
Deer, Columbian white-tailed	12,437.00
Duck, Hawaiian	28,763.00
Eagle, bald	6,057.90
Falcon, American peregrine	19,390.00
Ferret, black-footed	43,311.00

Flycatcher, southwestern willow	4,649.00
Fox, San Joaquin kit	1,755.00
Frog, California red-legged	3,347.00
Goose, Aleutian Canada	71,814.00
Goose, Hawaiian	13,297.00
<i>Haplostachys haplostachya</i>	6,294.00
Harperella	391.00
<i>Hedyotis parvula</i>	3,524.00
Honeycreeper, crested	1,933.00
Jaguar	153.00
Kio'ele	6,294.00
Kulu'i	3,524.00
Lizard, island night	7,901.00
Moorhen, Hawaiian common	21,964.00
Moorhen, Mariana common	35,000.00
Mouse, Perdido Key beach	1,203.00
Mouse, salt marsh harvest	14,215.00
Na'ena'e	3524.00
<i>Neraudia angulata</i>	3,524.00
Paintbrush, golden	4,970.00
Palila	6,294.00
Parrot, Puerto Rican	8,600.00
Parrotbill, Maui	1,933.00

Pearlshell, Louisiana	5,319.00
Pelican, brown	974.00
Plover, piping	5,414.00
Plover, western snowy	101,983.00
Prairie-chicken, Attwater's greater	6,794.00
Prairie dog, Utah	6,566.00
Rail, California clapper	163,545.00
Rail, light-footed clapper	841.00
Salmon, chinook (Snake River fall run)	4,122.50
Salmon, chinook (Snake R. spring/summer run)	4,122.50
Salmon, coho	3,425.00
Salmon, sockeye	8,245.00
<i>Sanicula maritima</i>	3,524.00
Shearwater, Newell's Townsend's	5,310.00
Shrike, San Clemente loggerhead	333,338.00
<i>Silene lanceolata</i>	6,294.00
Snails, Oahu tree	3,524.00
Sparrow, Florida grasshopper	168.00
Spineymussel, Tar River	392.00
Steelhead (lower Columbia River)	102,341.33
Steelhead (Snake River Basin)	102,341.33
Steelhead (upper Columbia River Basin)	102,341.34

<i>Stenogyne angustifolia</i>	6,294.00
Stilt, Hawaiian	44,417.00
Stork, wood	1,400.00
Tern, California least	209,637.00
Tern, least	3,915.00
Tern, roseate	250.00
<i>Tetramolopium filiforme</i>	3,524.00
<i>Tetramolopium lepidotum</i>	6,294.00
Tortoise, desert	360.00
Trout, bull (Columbia River population)	3,200.00
Turtle, green sea (Atlantic)	3,849.00
Turtle, loggerhead sea (Atlantic)	3,849.00
Turtle, leatherback sea	3,849.00
Vireo, least Bell's	7,584.00
Wedgemussel, dwarf	391.00
Wolf, gray (including Mexican subspecies)	<u>401,362.00</u>
TOTAL	2,119,776.90

Lead Reg.	Group	Inverted Common Name	Status	A/NTS IN THOUSANDS OF \$\$\$	Lands	Grand Total
3	A	Bat, gray	E	8,000		
1	A	Bat, Hawaiian hoary	E			
3	A	Bat, Indiana	E	500		
2	A	Bat, lesser long-nosed	E			
1	A	Bat, little Mariana fruit	E			
1	A	Bat, Mariana fruit	E	15,000		
2	A	Bat, Mexican long-nosed	E			
2	A	Bat, Ozark big-eared	E			
5	A	Bat, Virginia big-eared	E			
6	A	Bear, grizzly	T	11,472		
4	A	Bear, Louisiana black	T	9,505		
1	A	Caribou, woodland	E	100		
5	A	Cougar, eastern	E			
1	A	Deer, Columbian white-tailed	E	12,437		
4	A	Deer, key	E			
6	A	Ferret, black-footed	E	43311		
1	A	Fox, San Joaquin kit	E	1,755		
2	A	Jaguar	E	153		
2	A	Jaguarundi	E			
2	A	Jaguarundi	E			
1	A	Kangaroo rat, Fresno	E			
1	A	Kangaroo rat, giant	E			
1	A	Kangaroo rat, Morro Bay	E			
1	A	Kangaroo rat, San Bernardino Merriam's	E			
1	A	Kangaroo rat, Stephens'	E			
1	A	Kangaroo rat, Tipton	E			
4	A	Manatee, West Indian (=Florida)	E			
1	A	Mountain beaver, Point Arena	E			
4	A	Mouse, Alabama beach	E			
4	A	Mouse, Anastasia Island beach	E			
4	A	Mouse, Choctawahatchee beach	E			
4	A	Mouse, Key Largo colton	E			
1	A	Mouse, Pacific pocket	E			
4	A	Mouse, Perdido Key beach	E	1,203		
6	A	Mouse, Preble's meadow jumping	T			
1	A	Mouse, salt marsh harvest	E	19,215		
4	A	Mouse, southeastern beach	T			
2	A	Ocelot	T			
1	A	Otter, southern sea	T			
4	A	Panther, Florida	T			
6	A	Prairie dog, Utah	T	6,566		
2	A	Pronghorn, Sonoran	E			
4	A	Rabbit, Lower Keys	E			
4	A	Rice rat (=silver rice rat)	E			
N	A	Sea-lion, Steller	E, T			
N	A	Seal, Caribbean monk	E			

Lead Reg.	Group	Inverted Common Name	Status	Ge. Gen.	Lands	Grand Total
N	A	Seal, guadalupe fur	T			
N	A	Seal, Hawaiian monk	E			
1	A	Sheep, bighorn (Peninsular Ranges pop. in CA)	E			
5	A	Shrew, Dismal Swamp southeastern	T			
4	A	Squirrel, Carolina northern flying	E			
5	A	Squirrel, Delmarva Peninsula fox	E			
2	A	Squirrel, Mount Graham red	E			
5	A	Squirrel, Virginia northern flying	E			
1	A	Vole, Amargosa	E			
4	A	Vole, Florida salt marsh	E			
2	A	Vole, Hualapai Mexican	E			
N	A	Whale, blue	E			
N	A	Whale, bowhead	E			
N	A	Whale, finback	E			
N	A	Whale, gray	E			
N	A	Whale, humpback	E			
N	A	Whale, right	E			
N	A	Whale, Sei	E			
N	A	Whale, sperm	E			
3	A	Wolf, gray	E, T	101,362		
4	A	Wolf, red	E			
4	A	Woodrat, Key Largo	E			
1	B	Akepa, Hawaii (honeycreeper)	E	6,299		
1	B	Akepa, Maui (honeycreeper)	E			
1	B	Akialoa, Kauai (honeycreeper)	E			
1	B	Akiapola'au (honeycreeper)	E	6,294		
4	B	Blackbird, yellow-shouldered	E			
2	B	Bobwhite, masked (quail)	E			
1	B	Broadbill, Guam	E			
4	B	Caracara, Audubon's crested	T			
1	B	Condor, California	E			
1	B	Coot, Hawaiian (= 'alae-ke'oke'o)	E	36,924		
4	B	Crane, Mississippi sandhill	E			
2	B	Crane, whooping	E	990		
1	B	Creeper, Hawaii	E	6,299		
1	B	Creeper, Molokai (=kakawahie)	E			
1	B	Creeper, Oahu (=alauwahio)	E	1,722		
1	B	Crow, Hawaiian (= 'alala)	E			
1	B	Crow, Mariana	E	15,000		
4	B	Crow, white-necked	E			
7	B	Curllew, Eskimo	E			
1	B	Duck, Hawaiian (=koloa)	E	28,763		
1	B	Duck, Laysan	E			
3	B	Eagle, bald	T	6,057.90		
7	B	Eider, spectacled	T			

Lead Reg.	Group	Inverted Common Name	Status	Acres	ITS IN THOUSANDS OF \$\$\$	Lands	Grand Total
7	B	Eider, Steller's	T				
1	B	Falcon, American peregrine	E		19,390		
2	B	Falcon, northern aplomado	E				
1	B	Finch, Laysan (honeycreeper)	E				
1	B	Finch, Nihoa (honeycreeper)	E				
2	B	Flycatcher, southwestern willow	E		4,649		
1	B	Gnatcatcher, coastal California	T				
7	B	Goose, Aleutian Canada	T		71,014		
1	B	Goose, Hawaiian (=nene)	E		13,297		
1	B	Hawk, Hawaiian (=io)	E				
4	B	Hawk, Puerto Rican broad-winged	E				
4	B	Hawk, Puerto Rican sharp-shinned	E				
1	B	Honeycreeper, crested (=akohekohe)	E		1,933		
4	B	Jay, Florida scrub	T				
1	B	Kingfisher, Guam Micronesian	E				
4	B	Kite, Everglade snail	E				
1	B	Mallard, Mariana	E				
1	B	Megapode, Micronesian (=La Perouse's)	E				
1	B	Millerbird, Nihoa (old world warbler)	E				
1	B	Monarch, Tinian (old world flycatcher)	T				
1	B	Moorhen, Hawaiian common	E		21,964		
1	B	Moorhen, Mariana common	E		35,000		
1	B	Murrelet, marbled	T				
4	B	Nightjar, Puerto Rican	E				
1	B	Nukupu'u (honeycreeper)	E				
1	B	O'o, Kauai (=o'o'a'a) (honeyeater)	E				
1	B	O'u (honeycreeper)	E				
2	B	Owl, Mexican spotted	T				
1	B	Owl, northern spotted	T				
1	B	Palila (honeycreeper)	E		6,294		
4	B	Parrot, Puerto Rican	E		8,600		
1	B	Parrotbill, Maui (honeycreeper)	E		1,933		
1	B	Pelican, brown	E		1,974		
1	B	Petrel, Hawaiian dark-rumped	E				
4	B	Pigeon, Puerto Rican plain	E				
3	B	Plover, piping	E, T		5,414		
1	B	Plover, western snowy	T		101,903		
1	B	Po'ouli (honeycreeper)	E				
2	B	Prairie-chicken, Altwater's greater	E		6,794		
2	B	Pygmy-owl, cactus ferruginous	E				
1	B	Rail, California clapper	E		163,545		
1	B	Rail, Guam	E				
1	B	Rail, light-footed clapper	E		841		
2	B	Rail, Yuma clapper	E				
1	B	Shearwater, Newell's Townsend's (formerly Man	T		5,310		

Lead Reg.	Group	Inverted Common Name	Status	A	VTS IN	Grand Total
			Gu	al	Lands	\$\$\$
1	B	Shrike, San Clemente loggerhead	E		333,338	
4	B	Sparrow, Cape Sable seaside	E			
4	B	Sparrow, Florida grasshopper	E		168	
1	B	Sparrow, San Clemente sage	T			
1	B	Stilt, Hawaiian (=ae'o)	E		44,917	
4	B	Stork, wood	E		1,400	
1	B	Swiftlet, Mariana gray (=vanikoro)	E			
1	B	Tern, California least	E		209,637	
3	B	Tern, least	E		3,915	
5	B	Tern, roseate	E, T		250	
1	B	Thrush, large Kauai	E			
1	B	Thrush, Molokai (=oloma'o)	E			
1	B	Thrush, small Kauai (=puaiohi)	E			
2	B	Towhee, Inyo California (=brown)	T			
2	B	Vireo, black-capped	E			
1	B	Vireo, least Bell's	E		7,589	
4	B	Warbler, Bachman's	E			
2	B	Warbler, golden-cheeked	E			
3	B	Warbler, Kirtland's	E			
1	B	Warbler, nightingale reed	E			
1	B	White-eye, bridled	E			
4	B	Woodpecker, ivory-billed	E			
4	B	Woodpecker, red-cockaded	E			
4	C	Anole, Culebra Island giant	E			
4	C	Boa, Mona	T			
4	C	Boa, Puerto Rican	E			
4	C	Boa, Virgin Islands tree	E			
4	C	Crocodile, American	E			
4	C	Gecko, Monito	E			
4	C	Iguana, Mona ground	T			
1	C	Lizard, blunt-nosed leopard	E			
1	C	Lizard, Coachella Valley fringe-toed	T			
1	C	Lizard, Island night	T		7,901	
4	C	Lizard, St. Croix ground	E			
2	C	Rattlesnake, New Mexican ridge-nosed	T			
4	C	Skink, bluetail mole	T			
4	C	Skink, sand	T			
4	C	Snake, Atlantic salt marsh	T			
2	C	Snake, Concho water	T			
3	C	Snake, copperbelly water (northern pop)	T			
4	C	Snake, eastern indigo	T			
1	C	Snake, giant garter	T			
1	C	Snake, San Francisco garter	E			
1	C	Tortoise, desert	T			
4	C	Tortoise, gopher	T		360	

Lead Reg.	Group	Inverted Common Name	Status	A G.	NTS IN THOUSANDS OF \$\$\$	al	Lands	Grand Total
4	C	Turtle, Alabama redbelly (=red-bellied)	E					
5	C	Turtle, bog (=Muhlenberg)	T					
4	C	Turtle, flattened musk	T					
2	C	Turtle, green sea	E, T		3,849			
2	C	Turtle, hawksbill sea (=carey)	E					
2	C	Turtle, Kemp's ridley sea	E					
2	C	Turtle, leatherback sea	E		3,849			
2	C	Turtle, loggerhead sea	T		3,849			
2	C	Turtle, olive ridley sea	E, T					
5	C	Turtle, Plymouth redbelly (=red-bellied)	E					
4	C	Turtle, ringed map (=sawback)	T					
4	C	Turtle, yellow-blotched map (=sawback)	T					
1	C	Whipsnake, (=striped racer) Alameda	T					
4	D	Coqui, golden	T					
1	D	Frog, California red-legged	T		3,347			
4	D	Guajon	T					
2	D	Salamander, Barton Springs	E					
5	D	Salamander, Cheat Mountain	T					
1	D	Salamander, desert slender	E					
4	D	Salamander, Red Hills	T					
2	D	Salamander, San Marcos	T					
1	D	Salamander, Santa Cruz long-toed	E					
5	D	Salamander, Shenandoah	E					
2	D	Salamander, Sonoran tiger	E					
2	D	Salamander, Texas blind	E					
1	D	Toad, Arroyo southwestern	E					
2	D	Toad, Houston	E					
4	D	Toad, Puerto Rican crested	T					
6	D	Toad, Wyoming	E					
2	E	Catfish, Yaqui	T					
4	E	Cavefish, Alabama	E					
4	E	Cavefish, Ozark	T					
6	E	Chub, bonytail	E					
1	E	Chub, Borax Lake	E					
2	E	Chub, Chihuahua	T					
6	E	Chub, humpback	E					
1	E	Chub, Hutton tui	T					
1	E	Chub, Mohave tui	E					
1	E	Chub, Oregon	E					
1	E	Chub, Owens tui	E					
1	E	Chub, Pahrnagat roundtail (=bonytail)	E					
4	E	Chub, slender	T					
2	E	Chub, Sonora	T					
4	E	Chub, spotfin (=turquoise shiner)	T					
6	E	Chub, Virgin River	E					

Lead Reg.	Group	Inverted Common Name	Status	A	NTS IN	Grand Total
			Ge	al	Lands	
2	E	Chub, Yaqui	E			
1	E	Cui-ui	E			
1	E	Dace, Ash Meadows speckled	E			
4	E	Dace, blackside	T			
1	E	Dace, Clover Valley speckled	E			
1	E	Dace, desert	T			
1	E	Dace, Foscett speckled	T			
1	E	Dace, Independence Valley speckled	E			
6	E	Dace, Kendall Warm Springs	E			
1	E	Dace, Moapa	E			
4	E	Darter, amber	E			
4	E	Darter, bayou	T			
4	E	Darter, bluemask (=jewel)	E			
4	E	Darter, boulder (=Elk River)	E			
4	E	Darter, Cherokee	T			
4	E	Darter, duskytail	E			
4	E	Darter, Etowah	E			
2	E	Darter, fountain	E			
4	E	Darter, goldline	T			
2	E	Darter, leopard	T			
5	E	Darter, Maryland	E			
3	E	Darter, Niangua	T			
4	E	Darter, Okaloosa	E			
4	E	Darter, relict	E			
4	E	Darter, slackwater	T			
4	E	Darter, snail	T			
4	E	Darter, watercress	E			
2	E	Gambusia, Big Bend	E			
2	E	Gambusia, Clear Creek	E			
2	E	Gambusia, Pecos	E			
2	E	Gambusia, San Marcos	E			
1	E	Goby, tidewater	E			
4	E	Logperch, Conasauga	E			
5	E	Logperch, Roanoke	E			
6	E	Madtom, Neosho	T			
4	E	Madtom, pygmy	E			
3	E	Madtom, Scioto	E			
4	E	Madtom, Smoky	E			
4	E	Madtom, yellowfin	T			
2	E	Minnnow, loach	T			
2	E	Minnnow, Rio Grande silvery	E			
1	E	Poolfish, Pahrump	E			
1	E	Pupfish, Ash Meadows Amargosa	E			
2	E	Pupfish, Comanche Springs	E			
2	E	Pupfish, desert	E			

Lead Reg.	Group	Inverted Common Name	Status	A' G.	VTS IN	Lands	Grand Total
1	E	Pupfish, Devils Hole	E				
2	E	Pupfish, Leon Springs	E				
1	E	Pupfish, Owens	E				
1	E	Pupfish, Warm Springs	E				
N	E	Salmon, chinook, Sacramento R. winter run	T				
N	E	Salmon, chinook, Snake R. fall run	T		4,122.50		
N	E	Salmon, chinook, Snake R. spring/summer run	T		4,122.50		
N	E	Salmon, coho	T		3,425		
N	E	Salmon, sockeye (=red, =blueback), Snake R.	E		8,295		
4	E	Sculpin, pygmy	T				
2	E	Shiner, beautiful	T				
4	E	Shiner, blue	T				
4	E	Shiner, Cahaba	E				
4	E	Shiner, Cape Fear	E				
4	E	Shiner, Palezone	E				
2	E	Shiner, Pecos bluntnose	T				
4	E	Silverside, Waccamaw	T				
1	E	Smelt, delta	T				
2	E	Spikedace	T				
1	E	Spinedace, Big Spring	T				
2	E	Spinedace, Little Colorado	T				
1	E	Spinedace, White River	E				
1	E	Springfish, Hiko White River	E				
1	E	Springfish, Railroad Valley	T				
1	E	Springfish, White River	E				
6	E	Squawfish, Colorado	E				
N	E	Steelhead (central CA coast)	T				
N	E	Steelhead (Central Valley CA)	T				
N	E	Steelhead (lower Columbia R.)	T		102,311.33		
N	E	Steelhead (Snake R. Basin)	T		100,311.33		
N	E	Steelhead (south central CA coast)	T				
N	E	Steelhead (southern CA coast)	E				
N	E	Steelhead (upper Columbia R. Basin)	E		102,311.31		
1	E	Stickleback, unarmored threespine	E				
4	E	Sturgeon, Gulf	T				
6	E	Sturgeon, pallid	E				
N	E	Sturgeon, shortnose	E				
1	E	Sturgeon, white (Kootenai River pop.)	E				
6	E	Sucker, June	E				
1	E	Sucker, Lost River	E				
1	E	Sucker, Modoc	E				
6	E	Sucker, razorback	E				
1	E	Sucker, shortnose	E				
1	E	Sucker, Warner	T				
2	E	Topminnow, Gila (incl. Yaqui)	E				

Lead Reg.	Group	Inverted Common Name	Status	A	NTS IN	NUMBER OF	\$\$\$	Lands	Grand Total
2	E	Trout, Apache (=Arizona)	T						
1	E	Trout, bull (Columbia R. pop.)	T						
1	E	Trout, bull (Jarbridge R. pop.)	E						
1	E	Trout, bull (Klamath R. pop.)	T						
2	E	Trout, Gila	E						
6	E	Trout, greenback cutthroat	T						
1	E	Trout, Lahontan cutthroat	T						
1	E	Trout, Little Kern golden	T						
1	E	Trout, Paiute cutthroat	T						
N	E	Trout, Umpqua River cutthroat	E						
6	E	Woundfin	E						
4	F	Acornshell, southern	E						
4	F	Bankclimber (mussel), purple	T						
4	F	Bean, purple (=Fine-rayed purple pearly mussel)	E						
5	F	Clubshell	E						
4	F	Clubshell, black (=Curtus' mussel)	E						
4	F	Clubshell, ovate	E						
4	F	Clubshell, southern	E						
4	F	Combshell, Cumberlandian	E						
4	F	Combshell, southern (=penitent mussel)	E						
4	F	Combshell, upland	E						
4	F	Elktoe, Appalachian	E						
4	F	Elktoe, Cumberland	E						
4	F	Fanshell	E						
4	F	Fatmucket, Arkansas	T						
4	F	Heelsplitter, Carolina	E						
4	F	Heelsplitter, inflated	T						
4	F	Kidneyshell, triangular	E						
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama)	E						
4	F	Moccasinshell, Alabama	T						
4	F	Moccasinshell, Coosa	E						
4	F	Moccasinshell, Gulf	E						
4	F	Moccasinshell, Ochlockonee	E						
4	F	Mucket, orange-nacre	T						
5	F	Mussel, dwarf wedge	E						
4	F	Mussel, oyster	E						
4	F	Mussel, ring pink (=golf stick pearly)	E						
3	F	Mussel, winged mapleleaf	E						
4	F	Pearlshell, Louisiana	T						
4	F	Pearlymussel, Appalachian monkeyface	E						
4	F	Pearlymussel, birdwing	E						
4	F	Pearlymussel, cracking	E						
4	F	Pearlymussel, Cumberland bean	E						
4	F	Pearlymussel, Cumberland monkeyface	E						
3	F	Pearlymussel, Curtis'	E						

A NTS IN NUMBER OF \$\$\$

Status Gu al Lands Grand Total

3,200

391

5,319

Lead Reg.	Group	Inverted Common Name	A ITS IN THOUSANDS OF \$\$\$		
			Status	General	Lands
4	F	Pearlymussel, dromedary	E		
4	F	Pearlymussel, green-blossom	E		
3	F	Pearlymussel, Higgins' eye	E		
4	F	Pearlymussel, little-wing	E		
4	F	Pearlymussel, orange-foot pimpleback	E		
4	F	Pearlymussel, pale lilliput	E		
4	F	Pearlymussel, pink mucket	E		
4	F	Pearlymussel, purple cat's paw	E		
4	F	Pearlymussel, tubercled-blossom	E		
4	F	Pearlymussel, turgid-blossom	E		
3	F	Pearlymussel, white cat's paw	E		
4	F	Pearlymussel, white wartyback	E		
4	F	Pearlymussel, yellow-blossom	E		
4	F	Pigtoe (mussel), oval	E		
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel)	E		
4	F	Pigtoe, dark	E		
4	F	Pigtoe, fine-rayed	E		
4	F	Pigtoe, flat (=Marshall's mussel)	E		
4	F	Pigtoe, heavy (=Judge Tail's mussel)	E		
4	F	Pigtoe, rough	E		
4	F	Pigtoe, shiny	E		
4	F	Pigtoe, southern	E		
4	F	Pocketbook (mussel), shinyrayed	E		
4	F	Pocketbook, fat	E		
4	F	Pocketbook, fine-lined	T		
4	F	Pocketbook, speckled	E		
4	F	Rabbitsfoot, rough	E		
5	F	Riffleshell, northern	E		
4	F	Riffleshell, tan	E		
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly	E		
4	F	Slabshell, Chipola	T		
5	F	Spinymussel, James River (=Virginia)	E		
4	F	Spinymussel, Tar River	E		
4	F	Stirrupshell	E		
4	F	Three-ridge (mussel), fat	E		
6	G	Ambersnail, Kanab	E		
1	G	Limpet, Banbury Springs	E		
4	G	Marstonia (snail), royal (=obese)	E		
4	G	Riversnail, Anthony's	E		
4	G	Shagreen, Magazine Mountain	T		
1	G	Snail, Bliss Rapids	T		
5	G	Snail, Chittenango ovate amber	T		
5	G	Snail, flat-spined three-toothed	T		
3	G	Snail, Iowa Pleistocene	E		
1	G	Snail, Morro shoulderband (=Banded dune)	E		

392

			AMOUNTS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	G	Snail, noonday	T			
4	G	Snail, painted snake coiled forest	T			
1	G	Snail, Snake River physa	E			
4	G	Snail, Stock Island tree	T			
4	G	Snail, tulotoma (=Alabama live-bearing)	E			
1	G	Snail, Utah valvata	E			
5	G	Snail, Virginia fringed mountain	E			
1	G	Snails, Oahu tree	E			
2	G	Springsnail, Alamosa	E	3,504		
1	G	Springsnail, Bruneau Hot	E			
1	G	Springsnail, Idaho	E			
2	G	Springsnail, Socorro	E			
2	I	Beetle, Comal Springs riffle	E			
2	I	Beetle, Comal Springs dryopid	E			
1	I	Butterfly, Behren's silverspot	E			
1	I	Butterfly, callippe silverspot	E			
5	I	Beetle, American burying (=giant carrion)	E			
2	I	Beetle, Coffin Cave mold	E			
1	I	Beetle, delta green ground	T			
3	I	Beetle, Hungerford's crawling water	E			
2	I	Beetle, Kretschmarr Cave mold	E			
1	I	Beetle, Mount Hermon June	E			
5	I	Beetle, northeastern beach tiger	T			
5	I	Beetle, Puritan tiger	T			
2	I	Beetle, Tooth Cave ground	E			
1	I	Beetle, valley elderberry longhorn	T			
1	I	Butterfly, bay checkerspot	T			
1	I	Butterfly, El Segundo blue	E			
3	I	Butterfly, Karner blue	E	1,000		
1	I	Butterfly, Lange's metalmark	E			
1	I	Butterfly, lotis blue	E			
1	I	Butterfly, mission blue	E			
3	I	Butterfly, Mitchell's satyr	E			
1	I	Butterfly, Myrtle's silverspot	E			
1	I	Butterfly, Oregon silverspot	T			
1	I	Butterfly, Palos Verdes blue	E			
1	I	Butterfly, Quino checkerspot	E			
4	I	Butterfly, Saint Francis' satyr	E			
1	I	Butterfly, San Bruno elfin	E			
4	I	Butterfly, Schaus swallowtail	E			
1	I	Butterfly, Smith's blue	E			
6	I	Butterfly, Uncompahgre fritillary	E			
3	I	Dragonfly, Hine's (=Ohio) emerald	E			
1	I	Fly, Delhi Sands flower-loving	E			
1	I	Grasshopper, Zayante band-winged	E			

Lead Reg.	Group	Inverted Common Name	Status	Ge. al	Lands	Grand Total
1	I	Moth, Kern primrose sphinx	T			
1	I	Naucorid, Ash Meadows	T			
1	I	Skipper, Laguna Mountains	E			
6	I	Skipper, Pawnee montane	T			
2	J	Harvestman, Bee Creek Cave	E			
2	J	Harvestman, Bone Cave	E			
2	J	Pseudoscorpion, Tooth Cave	E			
4	J	Spider, spruce-fir moss	E			
2	J	Spider, Tooth Cave	E			
5	K	Amphipod, Hay's Spring	E			
3	K	Amphipod, Illinois cave	E			
2	K	Amphipod, Peck's cave	E			
4	K	Crayfish, cave [no common name]	E			
4	K	Crayfish, cave [no common name]	E			
4	K	Crayfish, Nashville	E			
1	K	Crayfish, Shasta (=placid)	E			
1	K	Fairy shrimp, Conservancy	E			
1	K	Fairy shrimp, longhorn	E			
1	K	Fairy shrimp, riverside	E			
1	K	Fairy shrimp, San Diego	E			
1	K	Fairy shrimp, vernal pool	T			
5	K	Isopod, Lee County cave	E			
5	K	Isopod, Madison Cave	T			
2	K	Isopod, Socorro	E			
4	K	Shrimp, Alabama cave	E			
1	K	Shrimp, California freshwater	E			
4	K	Shrimp, Kentucky cave	E			
4	K	Shrimp, Squirrel Chimney Cave (=Florida cave)	T			
1	K	Tadpole shrimp, vernal pool	E			
1	Q	Abutilon eremitopetalum (=Sci name)	E			
1	Q	Abutilon sandwicense (=Sci name)	E			
1	Q	Achyranthes mutica (=Sci. name)	E			
1	Q	A'e	E			
1	Q	A'e	E			
2	Q	Agave, Arizona	E			
1	Q	Aiakeakua, popolo	E			
1	Q	Aiea	E			
1	Q	Aiea	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko, Ewa Plains	E			

Lead Reg.	Group	Inverted Common Name	AP Status	YTS IN	LANDS	GRAND TOTAL
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Allocarya, Calistoga	E			
1	Q	Alopecurus, Sonoma	E			
1	Q	Alsinidendron obovatum (=Sci name)	E			
1	Q	Alsinidendron trinerve (=Sci name)	E			
1	Q	Alsinidendron viscosum (=Sci. name)	E			
1	Q	Amaranthus brownii (=Sci. name)	E			
4	Q	Amaranth, seabeach	T			
2	Q	Ambrosia, south Texas	E			
4	Q	Amphianthus, little	T			
1	Q	Anaunau	E			
1	Q	Anunu	E			
4	Q	Aristida chaseae (=Sci name)	E			
4	Q	Arrowhead, bunched	E			
3	Q	Aster, decurrent false	T			
4	Q	Aster, Florida golden	E			
4	Q	Aster, Ruth's golden	E			
4	Q	Auerodendron pauciflorum (=Sci name)	E			
1	Q	Aupaka	E			
1	Q	Aupaka	E			
1	Q	Aupaka	T			
4	Q	Avens, spreading	E			
1	Q	Awikiwiki	E			
1	Q	Awivi	E			
1	Q	Awivi	E			
2	Q	Ayenia, Texas	E			
1	Q	Baccharis, Encinitis	T			
1	Q	Barberry, island	E			
1	Q	Barberry, Truckee	E			
4	Q	Bariaco	E			
5	Q	Beaked-rush, Knieskern's	T			
6	Q	Beardtongue, Penland	E			
4	Q	Beargrass, Britton's	E			
6	Q	Bear-poppy, dwarf	E			

Lead Reg.	Group	Inverted Common Name	Status	Acres	NTS IN	Value of \$\$\$	Lands	Grand Total
4	Q	Beauty, Harper's	E					
1	Q	Bedstraw, El Dorado	E					
1	Q	Bedstraw, island	E					
4	Q	Bellflower, Brooksville	E					
1	Q	Bidens, cuneate	E					
5	Q	Birch, Virginia round-leaf	T					
1	Q	Bird's beak, palmate-bracted	E					
1	Q	Bird's-beak, Pennell's	E					
1	Q	Bird's-beak, salt marsh	E					
1	Q	Bird's-beak, soft	E					
4	Q	Birds-in-a-nest, white	T					
4	Q	Bittercress, small-anthered	E					
6	Q	Bladderpod, Dudley Bluffs	T					
6	Q	Bladderpod, kodachrome	E					
4	Q	Bladderpod, lyrate	T					
3	Q	Bladderpod, Missouri	E					
1	Q	Bladderpod, San Bernardino Mountains	E					
4	Q	Bladderpod, Spring Creek	E					
2	Q	Bladderpod, white	E					
1	Q	Blazingstar, Ash Meadows	T					
4	Q	Blazingstar, Heller's	T					
4	Q	Blazingstar, scrub	E					
1	Q	Bluecurls, Hidden Lake	T					
1	Q	Bluegrass, Hawaiian	E					
1	Q	Bluegrass, Mann's	E					
1	Q	Bluegrass, Napa	E					
1	Q	Bluegrass, San Bernardino	E					
2	Q	Blue-star, Kearney's	E					
4	Q	Bluet, Roan Mountain	E					
1	Q	Bonamia menziesii (=Sci name)	E					
4	Q	Bonamia, Florida	T					
4	Q	Boxwood, Vahl's	E					
1	Q	Brodiaea, Chinese Camp	T					
1	Q	Broom, San Clemente Island	E					
1	Q	Buckwheat, cushenbury	E					
4	Q	Buckwheat, scrub	T					
1	Q	Buckwheat, steamboat	E					
5	Q	Bulrush, Northeastern (=barbed bristle)	E					
3	Q	Bush-clover, prairie	T					
1	Q	Bush-mallow, San Clemente Island	E					
1	Q	Bush-mallow, Santa Cruz Island	E					
6	Q	Buttercup, autumn	E					
1	Q	Butterweed, Layne's	T					
4	Q	Butterwort, Godfrey's	T					
1	Q	Button-celery, San Diego	E					

Lead Reg.	Group	Inverted Common Name	Status	Acres	ITS INVENTORY \$\$\$	Lands	Grand Total
4	Q	Bulton, Mohr's Barbara	T				
2	Q	Cactus, Arizona hedgehog	E				
1	Q	Cactus, Bakersfield	E				
2	Q	Cactus, black lace	E				
2	Q	Cactus, Brady pincushion	E				
2	Q	Cactus, bunched cory	T				
2	Q	Cactus, Chisos Mtn. hedgehog	T				
2	Q	Cactus, Cochise pincushion	T				
4	Q	Cactus, Key tree	E				
2	Q	Cactus, Knowlton	E				
2	Q	Cactus, Kuenzler hedgehog	E				
2	Q	Cactus, Lee pincushion	T				
2	Q	Cactus, Lloyd's hedgehog	E				
2	Q	Cactus, Lloyd's Mariposa	T				
2	Q	Cactus, Mesa Verde	T				
2	Q	Cactus, Nellie cory	E				
2	Q	Cactus, Nichol's Turk's head	E				
2	Q	Cactus, Peebles Navajo	E				
2	Q	Cactus, Pima pineapple	E				
6	Q	Cactus, San Rafael	E				
2	Q	Cactus, Siler pincushion	T				
2	Q	Cactus, Sneed pincushion	E				
2	Q	Cactus, star	E				
2	Q	Cactus, Tobusch fishhook	E				
6	Q	Cactus, Unita Basin hookless	T				
6	Q	Cactus, Winkler	T				
6	Q	Cactus, Wright fishhook	E				
4	Q	Calypttranthes thomasiana (=Sci name)	E				
4	Q	Campion, fringed	E				
4	Q	Capa rosa	E				
2	Q	Cat's-eye, Terlingua Creek	E				
1	Q	Ceanothus, coyote (=California-lilac, Coyote	E				
1	Q	Ceanothus, Pine Hill	E				
1	Q	Centauray, spring-loving	T				
1	Q	Chaff-flower, round-leaved	E				
4	Q	Chaffseed, American	E				
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci	E				
1	Q	Chamaesyce halemanui (=Sci name)	E				
1	Q	Checker-mallow, Kenwood Marsh	E				
1	Q	Checker-mallow, Nelson's	T				
1	Q	Checker-mallow, pedate	E				
4	Q	Chumbo, higo	T				
4	Q	Chupacallos (=Chupagallo)	E				
5	Q	Cinquefoil, Robbins'	E				
1	Q	Clarkia, Pismo	E				

Lead	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Clarkia, Presidio	E			
1	Q	Clarkia, Springville	T			
1	Q	Clarkia, Vine Hill	E			
2	Q	Cliff-rose, Arizona	E			
1	Q	Clover, Monterey (=Del Monte)	E			
3	Q	Clover, running buffalo	E			
1	Q	Clover, showy Indian	E			
4	Q	Coneflower, smooth	E			
4	Q	Coneflower, Tennessee purple	E			
4	Q	Cordia bellonis	E			
4	Q	Cranichis ricartii (=Sci name)	E			
6	Q	Cress, toad-flax	E			
1	Q	Crownbeard, big-leaved	T			
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	E			
1	Q	Cyanea superba (=Sci name)	E			
1	Q	Cyanea undulata (=Sci name)	E			
2	Q	Cycladenia, Jones	T			
3	Q	Daisy, lakeside	T			
6	Q	Daisy, Maguire	E			
1	Q	Daisy, Parish's	T			
4	Q	Daphnopsis hellerana (=Sci name)	E			
2	Q	Dawn-flower, Texas prairie	E			
1	Q	Delissea rhytidosperra (=Sci name)	E			
1	Q	Delissea undulata (=Sci name)	E			
2	Q	Dogweed, ashy	E			
4	Q	Dropwort, Canby's	E			
1	Q	Dubautia latifolia (=Sci name)	E			
1	Q	Dubautia pauciflora (=Sci name)	E			
1	Q	Dudleya, Conejo	T			
1	Q	Dudleya, Marcescent	T			
1	Q	Dudleya, Santa Clara Valley	E			
1	Q	Dudleya, Santa Cruz Island	T			
1	Q	Dudleya, Verity's	T			
1	Q	Dudleyea, Santa Monica Mountains	T			
1	Q	Dwarf-flax, Marin	T			
4	Q	Erubia	E			
4	Q	Eugenia woodburyana (=Sci name)	E			
1	Q	Evening-primrose, Antioch Dunes	E			
1	Q	Evening-primrose, Eureka Valley	E			
1	Q	Evening-primrose, San Benito	T			
1	Q	Fiddleneck, Large-flowered	E			
1	Q	Flannelbush, Pine Hill	E			
2	Q	Fleabane, Rhizome	T			
1	Q	Four-o'clock, MacFarlane's	E			
2	Q	Frankenia, Johnston's	E			

Lead Reg.	Group	Inverted Common Name	Status	Ge. al	Lands	Grand Total
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	T			
1	Q	Ha'iwale	E			
1	Q	Hala pepe	E			
1	Q	Haplostachys haplostachya (=Sci name)	E		6,294	
4	Q	Harebells, Avon Park	E			
5	Q	Harperella	E		391	
1	Q	Hau kuahiwi	E			
1	Q	Hau kuahiwi	E			
1	Q	Hau kuahiwi, Hualalai	E			
4	Q	Heartleaf, dwarf-flowered	T			
4	Q	Heather, mountain golden	T			
1	Q	Heau	E			
1	Q	Hedyotis degeneri (=Sci name)	E			
1	Q	Hedyotis parvula (=Sci name)	E		3,529	
1	Q	Hedyotis, Na Pali beach	E			
1	Q	Hesperomannia arborescens (=Sci name)	E			
1	Q	Hesperomannia arbuscula (=Sci name)	E			
1	Q	Hesperomannia lydgatei (=Sci name)	E			
1	Q	Hibiscus, Clay's	E			
4	Q	Higuero de Sierra	E			
1	Q	Holei	E			
4	Q	Holly, Cook's	E			
6	Q	Howellia, water	T			
4	Q	Hypericum, highlands scrub	E			
4	Q	Ilex sintenisii (=Sci name)	E			
1	Q	Iliau, dwarf	E			
1	Q	Indian paintbrush, San Clemente Island	E			
2	Q	Ipomopsis, Holy Ghost	E			
4	Q	Irisette, white	E			
3	Q	Iris, dwarf lake	T			
1	Q	Ischaemum, Hilo	E			
1	Q	Ivesia, Ash Meadows	T			

Lead Reg.	Group	Inverted Common Name	Status	Acres	Lands	Grand Total
4	Q	Jacquemontia, beach	E			
1	Q	Jewelflower, California	E			
1	Q	Jewelflower, Metcalf Canyon	E			
1	Q	Jewelflower, Tiburon	E			
5	Q	Joint-vetch, sensitive	T			
1	Q	Kamakahala	E			
1	Q	Kamakahala	E			
1	Q	Kamakahala	E			
1	Q	Kauai hau kuahiwi	E			
1	Q	Kauila	E			
1	Q	Kaulu	E			
1	Q	Kio'ele	E			
1	Q	Kiponapona	E			
1	Q	Koki'o (=hau-hele'ula or Hawaii tree cotton)	E			
1	Q	Koki'oke'oke'o	E			
1	Q	Koki'oke'oke'o	E			
1	Q	Koki'o, Cooke's	E			
1	Q	Koki'o, Kaua'i	E			
1	Q	Kolea	E			
1	Q	Kolea	T			
1	Q	Ko'oko'olau	E			
1	Q	Ko'oko'olau	E			
1	Q	Ko'oloa'ula	E			
1	Q	Kuahiwi, laukahi	E			
1	Q	Kuahiwi, laukahi	E			
1	Q	Kuawawaenuhu	E			
1	Q	Kula, wahine noho	E			
1	Q	Kulu'i	E			
2	Q	Ladies'-tresses, Canelo Hills (=Madrean)	E			
2	Q	Ladies'-tresses, Navasota	E			
6	Q	Ladies'-tresses, Ute	T			
1	Q	Lagu, Hyan	E			
1	Q	Larkspur, San Clemente Island	E			
1	Q	Lau'ehu	E			
1	Q	Laulihilihi (=Ma'oli'oli)	E			
1	Q	Layia, beach	E			
4	Q	Lead-plant, Crenulate	E			
4	Q	Leather flower, Alabama	E			
4	Q	Leather flower, Morefield's	E			
4	Q	Lepanthes eltoroensis (=Sci name)	E			
4	Q	Leptocereus grantianus (=Sci name)	E			
1	Q	Lessingia, San Francisco	E			
1	Q	Liliwai	E			
3	Q	Lily, Minnesota trout	E			
1	Q	Lily, Pitkin Marsh	E			

6,294

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Lead	Group	Inverted Common Name	A ITS IN ACCOUNTS OF \$\$\$			
			Status	General	Lands	Grand Total
1	Q	Lily, Western	E			
1	Q	Lipochaeta venosa (=Sci name)	E			
1	Q	Liveforever, Santa Barbara Island	E			
1	Q	Lobelia gaudichaudii ssp. koolauensis , (=Sci. n	E			
1	Q	Lobelia monostachya (=Sci. name)	E			
1	Q	Lobelia niihauensis (=Sci name)	E			
1	Q	Lobelia oahuensis (=Sci name)	E			
3	Q	Locoweed, Fassett's	T			
1	Q	Lomatium, Bradshaw's	E			
4	Q	Loosestrife, rough-leaved	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
5	Q	Lousewort, Furbish	E			
1	Q	Love grass, Fosberg's	E			
1	Q	Lupine, clover	E			
4	Q	Lupine, scrub	E			
4	Q	Lyonia truncata var. proctorii (=Sci name)	E			
1	Q	Lysimachia filifolia (=Sci name)	E			
1	Q	Lysimachia lydgatei (=Sci name)	E			
1	Q	Lysimachia maxima (=ternifolia) (=Sci. name)	E			
1	Q	Ma'aloa, Big Island	E			
1	Q	Mahoe	E			
1	Q	Makou	T			
1	Q	Malacothrix, island	E			
1	Q	Mallow, Kern	E			
5	Q	Mallow, Peter's Mountain	E			
1	Q	Malacothrix, Santa Cruz Island	E			
4	Q	Manaca, palma de	T			
2	Q	Manioc, Walker's	E			
1	Q	Manzanita, Del Mar (=Costa Baja, =Eastwood's)	E			
1	Q	Manzanita, Morro	T			
1	Q	Manzanita, pallid	T			
1	Q	Manzanita, Presido (=Raven's)	E			
1	Q	Manzanita, Santa Rosa Island	E			
1	Q	Ma'ohau hele (=biscus, native yellow)	E			
1	Q	Ma'oli'oli	E			
1	Q	Ma'oli'oli	E			
1	Q	Mapele	E			
1	Q	Mariposa lily, Tiburon	T			
1	Q	Mariscus fauriei (=Sci name)	E			
1	Q	Mariscus pennatiformis (=Sci name)	E			

Lead Reg.	Group	Inverted Common Name	AMOUNTS IN THOUSANDS OF \$\$\$			
			Status	G	Lands	Grand Total
1	Q	Meadowfoam, Butte County	E			
1	Q	Meadowfoam, Sebastopol	E			
4	Q	Meadowrue, Cooley's	E			
1	Q	Mehamehame	E			
1	Q	Mesa-mint, Olay	E			
1	Q	Mesa-mint, San Diego	E			
4	Q	Milkpea, Small's	E			
1	Q	Milk-vetch, Applegate's	E			
1	Q	Milk-vetch, Ash meadows	T			
1	Q	Milk-vetch, Braunton's	E			
1	Q	Milk-vetch, Clara Hunt's	E			
1	Q	Milk-vetch, coastal dunes	E			
1	Q	Milk-vetch, Cushenbury	E			
6	Q	Milk-vetch, heliotrope	T			
5	Q	Milk-vetch, Jesup's	E			
2	Q	Milk-vetch, Mancos	E			
6	Q	Milk-vetch, Osterhout	E			
2	Q	Milk-vetch, Sentry	E			
3	Q	Milkweed, Mead's	T			
6	Q	Milkweed, Welsh's	T			
4	Q	Mint, Garrett's (=scrub, in part)	E			
4	Q	Mint, Lakela's	E			
4	Q	Mint, longspurred	E			
4	Q	Mint, scrub	E			
4	Q	Mitracarpus maxwelliae (=Sci name)	E			
4	Q	Mitracarpus polycladus (=Sci name)	E			
3	Q	Monkey-flower, Michigan	E			
3	Q	Monkshood, northern wild	T			
1	Q	Morning-glory, Stebbins'	E			
1	Q	Mountain balm, Indian Knob	E			
1	Q	Mountain-mahogany, Catalina Island	E			
1	Q	Munroidendron racemosum (=Sci name)	E			
4	Q	Mustard, Carter's	E			
6	Q	Mustard, Penland alpine fen	T			
1	Q	Mustard, slender-petaled	E			
4	Q	Myrcia paganii (=Sci name)	E			
1	Q	Na'ena'e	E			
1	Q	Nani wai'ale'ale	E			
1	Q	Nanu	E			
1	Q	Naupaka, dwarf	E			
1	Q	Navarretia, few-flowered	E			
1	Q	Navarretia, many-flowered	E			
4	Q	Negra, cobana	T			
1	Q	Nehe	E			
1	Q	Nehe	E			

3524

Lead Reg.	Group	Inverted Common Name	AP Status	YTS IN G.	LANDS	GRAND TOTAL
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Neraudia angulata (=Sci name)	E			
1	Q	Neraudia sericea (=Sci name)	E	3,524		
1	Q	Nioi	E			
1	Q	Niterwort, Amargosa	E			
1	Q	Nohoanu	E			
2	Q	Oak, Hinckley	T			
1	Q	Oha	E			
1	Q	Oha	E			
1	Q	Oha wai	E			
1	Q	Oha wai	E			
1	Q	Oha wai	E			
1	Q	Oha wai	E			
1	Q	Oha wai	E			
1	Q	Oha wai	E			
1	Q	Oha wai	E			
1	Q	Ohai	E			
1	Q	Ohe ohe	E			
1	Q	Olulu	E			
1	Q	Opuhe	E			
3	Q	Orchid, eastern prairie fringed	T			
3	Q	Orchid, western prairie fringed	T			
1	Q	Orcutt grass, Greene's	E			
1	Q	Orcutt grass, hairy (=pilose)	E			
1	Q	Orcutt grass, Sacramento	E			
1	Q	Orcutt grass, San Joaquin	T			
1	Q	Orcutt grass, slender	T			
1	Q	Owl's-clover, fleshy	T			
1	Q	Oxytheca, cushenbury	E			
1	Q	Paintbrush, ash-grey	T			
1	Q	Paintbrush, golden	T			
1	Q	Paintbrush, soft-leaved	E	4,970		
1	Q	Paintbrush, Tiburon	E			
4	Q	Palo colorado	E			
4	Q	Palo de jazmin	E			
4	Q	Palo de Nigua	E			
4	Q	Palo de Ramon	E			
1	Q	Pamakani	E			
1	Q	Pamakani	E			
1	Q	Panicgrass, Carter's	E			
1	Q	Pau'ala	E			
4	Q	Pawpaw, beautiful	E			
4	Q	Pawpaw, four-petal	E			

			A MOUNTS IN THOUSANDS OF \$\$\$			
Lead	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	Q	Pawpaw, Rugel's	E			
4	Q	Pelos del diablo	E			
2	Q	Pennyroyal, Todsen's	E			
6	Q	Penstemon, blowout	E			
1	Q	Pentachaeta, Lyon's	E			
1	Q	Pentachaeta, white-rayed	E			
4	Q	Peperomia, Wheeler's	E			
6	Q	Phacelia, clay	E			
1	Q	Phacelia, island	E			
6	Q	Phacelia, North Park	E			
2	Q	Phlox, Texas trailing	E			
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	E			
1	Q	Phyllostegia hirsuta (=Sci. name)	E			
1	Q	Phyllostegia kaalaensis (=Sci. name)	E			
1	Q	Phyllostegia knudsenii, (=Sci. name)	E			
1	Q	Phyllostegia mannii (=Sci name)	E			
1	Q	Phyllostegia mollis (=Sci name)	E			
1	Q	Phyllostegia parviflora (=Sci. name)	E			
1	Q	Phyllostegia velutina (=Sci. name)	E			
1	Q	Phyllostegia waimeae (=Sci name)	E			
1	Q	Phyllostegia warshaueri (=Sci. name)	E			
1	Q	Phyllostegia wawrana, (=Sci. name)	E			
1	Q	Pilo	E			
4	Q	Pinkroot, gentian	E			
5	Q	Pink, swamp	T			
1	Q	Piperia, Yadon's	E			
2	Q	Pitaya, Davis' green	E			
4	Q	Pitcher-plant, Alabama canebrake	E			
4	Q	Pitcher-plant, green	E			
4	Q	Pitcher-plant, mountain sweet	E			
1	Q	Platanthera holochila (=Sci. name)	E			
4	Q	Plum, scrub	E			
1	Q	Poa siphonoglossa (=Sci name)	E			
1	Q	Po'e	E			
5	Q	Pogonia, small whorled	T			
4	Q	Polygala, Lewton's	E			
4	Q	Polygala, tiny	E			
4	Q	Pondberry	E			
2	Q	Pondweed, Little Aguja Creek	E			
1	Q	Popolo, ku mai (=Popolo, thorny)	E			
2	Q	Poppy-mallow, Texas	E			
2	Q	Poppy, Sacramento prickly	E			
4	Q	Potato-bean, Price's	T			
1	Q	Potentilla, Hickman's	E			
4	Q	Prairie-clover, leafy	E			

Lead Reg.	Group	Inverted Common Name	Status	A' NTS IN THOUSANDS OF \$\$\$	
				G.	Lands Grand Total
4	Q	Prickly-apple, fragrant	E		
4	Q	Prickly-ash, St. Thomas	E		
6	Q	Primrose, Maguire	T		
1	Q	Pritchardia remota (=Sci name)	E		
1	Q	Pussypaws, Mariposa	T		
1	Q	Pu'uka'a	E		
4	Q	Rattleweed, hairy	E		
6	Q	Reed-mustard, Barneby	E		
6	Q	Reed-mustard, clay	T		
1	Q	Remya kauaiensis (=Sci name)	E		
1	Q	Remya montgomeryi (=Sci name)	E		
1	Q	Remya, Maui	E		
4	Q	Rhododendron, Chapman	E		
6	Q	Ridge-cress (=pepper-cress), Barneby	E		
4	Q	Rock-cress	E		
1	Q	Rock-cress, Hoffmann's	E		
1	Q	Rock-cress, McDonald's	E		
1	Q	Rockcress, Santa Cruz Island	E		
5	Q	Rock-cress, shale barren	E		
1	Q	Rollandia crispa (=Sci name)	E		
4	Q	Rosa, palo de	E		
4	Q	Rosemary, Apalachicola	E		
4	Q	Rosemary, Cumberland	T		
4	Q	Rosemary, Etonia	E		
4	Q	Rosemary, short-leaved	E		
3	Q	Roseroot, Leedy's	T		
2	Q	Rush-pea, slender	E		
1	Q	Rush-rose, island	T		
1	Q	Sandalwood, Lanai or 'iliahi	E		
1	Q	Sandbur, agrimony or Kamanomano	E		
4	Q	Sandlace	E		
2	Q	Sand-verbena, large-fruited	E		
1	Q	Sandwort, Bear Valley	T		
4	Q	Sandwort, Cumberland	E		
1	Q	Sandwort, Marsh	E		
1	Q	Sanicula mariversa (=Sci name)	E		
1	Q	Sanicula purpurea (=Sci name)	E		
1	Q	Schiedea haleakalensis (=Sci name)	E		
1	Q	Schiedea helleri , (=Sci. name)	E		
1	Q	Schiedea hookeri (=Sci. name)	E		
1	Q	Schiedea kaalae (=Sci name)	E		
1	Q	Schiedea kauaiensis (=Sci. name)	E		
1	Q	Schiedea lydgatei (=Sci name)	E		
1	Q	Schiedea membranacea , (=Sci. name)	E		
1	Q	Schiedea nuttallii (=Sci. name)	E		

3,529

Lead	Group	Inverted Common Name	Status	Gu	Lands	Grand Total
1	Q	Schiedea sarmentosa (=Sci name)	E			
1	Q	Schiedea spergulina var. leiopoda (=Sci name)	E			
1	Q	Schiedea spergulina var. spergulina (=Sci name)	T			
1	Q	Schiedea verticillata (=Sci name)	E			
1	Q	Schiedea, Diamond Head	E			
4	Q	Schoepfia arenaria (=Sci name)	T			
1	Q	Seablite, California	E			
2	Q	Sedge, Navajo	T			
1	Q	Sedge, white	E			
1	Q	Silene alexandri (=Sci name)	E			
1	Q	Silene hawaiiensis (=Sci name)	T			
1	Q	Silene lanceolata (=Sci name)	E	6,214		
1	Q	Silene perlmantii (=Sci name)	E			
1	Q	Silversword, 'Ahinahina Mauna Kea	E			
1	Q	Silversword, Haleakala ('ahinahina)	E			
1	Q	Silversword, Ka'u	E			
4	Q	Skullcap, Florida	T			
4	Q	Skullcap, large-flowered	E			
4	Q	Snakeroot	E			
2	Q	Snowbells, Texas	E			
1	Q	Spermolepis hawaiiensis (=Sci name)	E			
1	Q	Spineflower, Ben Lomond	E			
1	Q	Spineflower, Howell's	E			
1	Q	Spineflower, Monterey	T			
1	Q	Spineflower, Orcutt's	E			
1	Q	Spineflower, Robust (incl. Scotts Valley)	E			
1	Q	Spineflower, slender-horned	E			
1	Q	Spineflower, Sonoma	E			
5	Q	Spiraea, Virginia	T			
4	Q	Spurge, deltoid	E			
4	Q	Spurge, Garber's	T			
1	Q	Spurge, Hoover's	T			
4	Q	Spurge, telephus	T			
1	Q	Stenogyne angustifolia (=Sci name)	E	6,214		
1	Q	Stenogyne bifida (=Sci name)	E			
1	Q	Stenogyne campanulata (=Sci name)	E			
1	Q	Stenogyne kanehoana (=Sci name)	E			
1	Q	Stoncrop, Lake County	E			
4	Q	Sumac, Michaux's	E			
1	Q	Sunburst, Hartweg's golden	E			
1	Q	Sunburst, San Joaquin adobe	T			
4	Q	Sunflower, Eggert's	T			
1	Q	Sunflower, San Mateo woolly	E			
4	Q	Sunflower, Schweinitz's	E			
1	Q	Sunray, Ash Meadows	T			

Lead Reg.	Group	Inverted Common Name	Status	A G	NTS IN THOUSANDS OF \$\$\$	Lands	Grand Total
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	E				
1	Q	Taraxacum, California	E				
4	Q	Ternstroemia subsessilis (=Sci name)	E				
1	Q	Tetramolopium rockii (=Sci name)	T				
1	Q	Tetramolopium arenarium (=Sci name)	E				
1	Q	Tetramolopium filiforme (=Sci name)	E				
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci name)	E		3,524		
1	Q	Tetramolopium remyi (=Sci name)	E		6,294		
1	Q	Thistle, Chorro Creek	E				
1	Q	Thistle, fountain	E				
1	Q	Thistle, Loch Lomond coyote	E				
3	Q	Thistle, Pitcher's	T				
2	Q	Thistle, Sacramento Mountains	T				
1	Q	Thistle, Suisun	E				
1	Q	Thornmint, San Mateo	E				
6	Q	Townsendia, Last Chance	T				
4	Q	Tree, pygmy fringe	E				
1	Q	Trematolobelia singularis (=Sci. name)	E				
4	Q	Trillium, persistent	E				
4	Q	Trillium, relict	E				
6	Q	Twinpod, Dudley Bluffs	T				
1	Q	Uhiuhi	E				
4	Q	Uvillo	E				
4	Q	Vernonia proctorii (=Sci name)	E				
1	Q	Vervain, Red Hills	T				
1	Q	Vetch, Hawaiian	E				
1	Q	Vigna o-wahuensis (=Sci name)	E				
1	Q	Viola helenae (=Sci name)	E				
1	Q	Viola lanaiensis (=Sci name)	E				
1	Q	Viola oahuensis (=Sci. Name)	E				
1	Q	Wahane (=Hawane or loulu)	E				
1	Q	Wallflower, Ben Lomond	E				
1	Q	Wallflower, Contra Costa	E				
1	Q	Wallflower, Menzies'	E				
4	Q	Walnut, West Indian or nogal	E				
4	Q	Warea, wide-leaf	E				
1	Q	Watercress, Gambel's	E				
4	Q	Water-plantain, Kral's	T				
2	Q	Water-umbel, Huachuca	E				
4	Q	Water-willow, Cooley's	E				
4	Q	Whillow-wort, papery	T				
6	Q	Wild-buckwheat, clay-loving	E				
2	Q	Wild-buckwheat, gypsum	T				
1	Q	Wild-buckwheat, southern mountain	T				
2	Q	Wild-rice, Texas	E				

Lead Reg.	Group	Inverted Common Name	ATS IN THE COURSE OF \$\$\$			
			Status	Gu	Lands	Grand Total
4	Q	Wings, Pigeon	T			
1	Q	Wire-lettuce, Malheur	E			
4	Q	Wireweed	E			
1	Q	Woodland-star, San Clemente Island	E			
1	Q	Woolly-star, Hoover's	T			
1	Q	Woolly-star, Santa Ana River	E			
1	Q	Woolly-threads, San Joaquin	E			
1	Q	Xylosma crenatum (=Sci name)	E			
4	Q	Ziziphus, florida	E			
1	R	Cypress, Gowen	T			
1	R	Cypress, Santa Cruz	E			
4	R	Torreya, Florida	E			
4	S	Adiantum vivesii (=Sci name)	E			
1	S	Asplenium fragile var. insulare (=Sci name)	E			
1	S	Diellia falcata (=Sci name)	E			
1	S	Diellia pallida (=laciniata) (=Sci name)	E			
1	S	Diellia unisora (=Sci name)	E			
1	S	Diellia, asplenium-leaved	E			
1	S	Diplazium molokaiense (=Sci name)	E			
4	S	Elaphoglossum serpens (=Sci name)	E			
4	S	Fern, Alabama streak-sorus	T			
7	S	Fern, Aleutian shield	E			
4	S	Fern, American hart's-tongue	T			
4	S	Fern, Elfin tree	E			
1	S	Fern, pendant kihi	E			
1	S	Ihi ihi	E			
1	S	Pauoa	E			
4	S	Polystichum calderonense (=Sci name)	E			
1	S	Pteris lidgatei (=Sci name)	E			
4	S	Quillwort, black spored	E			
4	S	Quillwort, Louisiana	E			
4	S	Quillwort, mat-forming	E			
4	S	Tectaria estremerana (=Sci name)	E			
4	S	Thelypteris inabonensis (=Sci name)	E			
4	S	Thelypteris verecunda (=Sci name)	E			
4	S	Thelypteris yaucoensis (=Sci name)	E			
1	S	Wawae'iole	E			
1	S	Wawa'iole	E			
4	U	Cladonia, Florida perforate	E			
4	U	Lichen, rock gnome	E			

ENCLOSURE 2

**ENDANGERED AND THREATENED SPECIES EXPENDITURES
NOT ASSOCIATED WITH A PARTICULAR SPECIES**

The total for the Animal and Plant Health Inspection Service:

\$ 1,719,082.30



United States
Department of
Agriculture

Forest
Service

Washington
Office

14th & Independence SW
P. O. Box 96090
Washington, DC 20090-6090

File Code: 2670

Date: September 28, 1999

Ms. Jamie Rappaport Clark
Director, U.S. Fish and Wildlife Service
Department of the Interior
Washington, D.C. 20240

Re: FWS/TE

Dear Jamie:

The enclosed information is in response to your request for the annual report of Federal expenditures reasonably identifiable to benefit threatened and endangered species for Fiscal Year 1998. The reported Forest Service funds do not include contributions made by partners.

Based on reports from Forest Service field offices, the Forest Service expended funds on 245 threatened and endangered species in FY98. Forest Service appropriations for threatened and endangered species management increased from FY97 to FY98, which is reflected both in the total expenditures and the number of species that benefitted. The expenditures given are from both Forest Service appropriations for threatened and endangered species habitat management, as well as from several other program appropriations that were used to benefit and protect threatened and endangered species. The expenditures for each individual species have been entered on the printed copy of the spreadsheet template provided by your office, and total \$33,515,000.

In addition, \$1,500,000 was expended to benefit threatened and endangered species, but was not reasonably identifiable to a particular species. Expenditures relating to land acquisitions for eight threatened or endangered species were \$2,144,000 in FY98. Thus, total Forest Service expenditures made in FY98 were \$37,159,000.

If you need additional information on our expenditures, please contact Marc Bosch, National TES Program Leader, at (202) 205-1220.

Sincerely,

HARV FORSGREN
Director, Wildlife, Fish and Rare Plants Staff

Enclosure



1998 Endangered Species Expenditures Template

Welcome to the working template for reporting 1998 expenditures for endangered and threatened species. Column D gives scientific names; column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . . plants) as in the List. A running total of expenditures for each column is kept under each heading.

~~NOTE: AMOUNTS IN THOUSANDS OF \$\$\$~~

If you have any questions, contact Susan Jacobsen at 703/358-2105

T + E only

Grand Total
\$ 33,515,400

↳ rounded to the nearest 100

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
3	A	Bat, gray	E	111,124		
1	A	Bat, Hawaiian hoary	E			
3	A	Bat, Indiana	E	811,698	8,000	819,700
2	A	Bat, lesser long-nosed	E	73,500		
1	A	Bat, little Mariana fruit	E			
1	A	Bat, Mariana fruit	E			
2	A	Bat, Mexican long-nosed	E	1800		
2	A	Bat, Ozark big-eared	E	13000		
5	A	Bat, Virginia big-eared	E	14400		
6	A	Bear, grizzly	T	1,400,100	30,000	1,430,100
4	A	Bear, Louisiana black	T	1500		
1	A	Caribou, woodland	E	42900		
5	A	Cougar, eastern	E			
1	A	Deer, Columbian white-tailed	E			
4	A	Deer, key	E			
6	A	Ferret, black-footed	E	217850		
1	A	Fox, San Joaquin kit	E	2300		
2	A	Jaguar	E	19300		
2	A	Jaguarundi	E	9000		
2	A	Jaguarundi	E	9000		
1	A	Kangaroo rat, Fresno	E			
1	A	Kangaroo rat, giant	E			
1	A	Kangaroo rat, Morro Bay	E			
1	A	Kangaroo rat, San Bernardino Merriam's	E	5000		
1	A	Kangaroo rat, Stephens'	E			
1	A	Kangaroo rat, Tipton	E			
4	A	Manatee, West Indian (=Florida)	E			
1	A	Mountain beaver, Point Arena	E			
4	A	Mouse, Alabama beach	E			
4	A	Mouse, Anastasia Island beach	E			
4	A	Mouse, Choctawahatchee beach	E			
4	A	Mouse, Key Largo cotton	E			
1	A	Mouse, Pacific pocket	E			
4	A	Mouse, Perdido Key beach	E			
6	A	Mouse, Preble's meadow jumping	T	24500		
1	A	Mouse, salt marsh harvest	T			
4	A	Mouse, southeastern beach	T			
2	A	Ocelot	T	6600		
1	A	Otter, southern sea	T			
4	A	Panther, Florida	T			
6	A	Prairie dog, Utah	T	8600		
2	A	Pronghorn, Sonoran	E			
4	A	Rabbit, Lower Keys	E			
4	A	Rice rat (=silver rice rat)	E			
N	A	Sea-lion, Steller	E			
N	A	Seal, Caribbean monk	E			

			* JNTS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
N	A	Seal, guadalupe fur	T			
N	A	Seal, Hawaiian monk	E			
1	A	Sheep, bighorn (Peninsular Ranges pop. in CA)	E		5000	
5	A	Shrew, Dismal Swamp southeastern	T			
4	A	Squirrel, Carolina northern flying	E		4700	
5	A	Squirrel, Delmarva Peninsula fox	E			
2	A	Squirrel, Mount Graham red	E		112100	
5	A	Squirrel, Virginia northern flying	E		44800	
1	A	Vole, Amargosa	E			
4	A	Vole, Florida salt marsh	E			
2	A	Vole, Hualapai Mexican	E		44000	
N	A	Whale, blue	E			
N	A	Whale, bowhead	E			
N	A	Whale, finback	E			
N	A	Whale, gray	E			
N	A	Whale, humpback	E			
N	A	Whale, right	E			
N	A	Whale, Sei	E			
N	A	Whale, sperm	E			
3	A	Wolf, gray	E, T		386964	
4	A	Wolf, red	E			
4	A	Woodrat, Key Largo	E			
1	B	'Akepa, Hawaii (honeycreeper)	E			
1	B	'Akepa, Maui (honeycreeper)	E			
1	B	'Aki'aloa, Kauai (honeycreeper)	E			
1	B	'Aki'apola'au (honeycreeper)	E			
4	B	Blackbird, yellow-shouldered	E			
2	B	Bobwhite, masked (quail)	E		2600	
1	B	Broadbill, Guam	E			
4	B	Caracara, Audubon's crested	T			
1	B	Condor, California	E		3500	
1	B	Coot, Hawaiian (= alae-ke oke o)	E			
4	B	Crane, Mississippi sandhill	E		500	
2	B	Crane, whooping	E		7600	
1	B	Creeper, Hawaii	E			
1	B	Creeper, Molokai (=kakawahie)	E			
1	B	Creeper, Oahu (=alauwahio)	E			
1	B	Crow, Hawaiian (= alala)	E			
1	B	Crow, Mariana	E			
4	B	Crow, white-necked	E			
7	B	Curlew, Eskimo	E		100	
1	B	Duck, Hawaiian (=koloa)	E			
1	B	Duck, Laysan	E			
3	B	Eagle, bald	T		1715503	
7	B	Eider, spectacled	T		605600	2,321,000

JNTE IN THOUSANDS OF \$\$\$

Lead	Group	Inverted Common Name	Status	General	Lands	Grand Total
7	B	Elder, Steller's	T			
1	B	Falcon, American peregrine	E	549800		
2	B	Falcon, northern aplomado	E	12700		
1	B	Finch, Laysan (honeycreeper)	E			
1	B	Finch, Nihoa (honeycreeper)	E			
2	B	Flycatcher, southwestern willow	E	578900		
1	B	Gnatcatcher, coastal California	T	54800		
7	B	Goose, Aleutian Canada	T	1000		
1	B	Goose, Hawaiian (=nene)	E			
1	B	Hawk, Hawaiian (=io)	E			
4	B	Hawk, Puerto Rican broad-winged	E	5300		
4	B	Hawk, Puerto Rican sharp-shinned	E	5200		
1	B	Honeycreeper, crested (=akohekohe)	E			
4	B	Jay, Florida scrub	T	1500		
1	B	Kingfisher, Guam Micronesian	E			
4	B	Kite, Everglade snail	E			
1	B	Mallard, Mariana	E			
1	B	Megapode, Micronesian (=La Perouse's)	E			
1	B	Millerbird, Nihoa (old world warbler)	E			
1	B	Monarch, Tinian (old world flycatcher)	T			
1	B	Moorhen, Hawaiian common	E			
1	B	Moorhen, Mariana common	E			
1	B	Murrelet, marbled	T	2501491		
4	B	Nightjar, Puerto Rican	E			
1	B	Nukupu'u (honeycreeper)	E			
1	B	O'o, Kauai (=o'o'a'a) (honeyeater)	E			
1	B	O'u (honeycreeper)	E			
2	B	Owl, Mexican spotted	T	1459650		
1	B	Owl, northern spotted	T	3692107		
1	B	Palila (honeycreeper)	E			
4	B	Parrot, Puerto Rican	E	70600		
1	B	Parrotbill, Maui (honeycreeper)	E			
1	B	Pelican, brown	E	1400		
1	B	Petrel, Hawaiian dark-rumped	E			
4	B	Pigeon, Puerto Rican plain	E			
3	B	Plover, piping	E, T	1600		
1	B	Plover, western snowy	T	26000		
1	B	Po'ouli (honeycreeper)	E			
2	B	Prairie-chicken, Altwater's greater	E			
2	B	Pygmy-owl, cactus ferruginous	E			
1	B	Rail, California clapper	E			
1	B	Rail, Guam	E			
1	B	Rail, light-footed clapper	E			
2	B	Rail, Yuma clapper	E	1300		
1	B	Shearwater, Newell's Townsend's (formerly Man	T			

JNFS-IN-THOUSANDS-OF-\$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	B	Shrike, San Clemente loggerhead	E			
4	B	Sparrow, Cape Sable seaside	E			
4	B	Sparrow, Florida grasshopper	E			
1	B	Sparrow, San Clemente sage	T			
1	B	Stilt, Hawaiian (=ae'o)	E			
4	B	Stork, wood	E	1900		
1	B	Swiftlet, Mariana gray (=vanikoro)	E			
1	B	Tern, California least	E			
3	B	Tern, least	E	2400		
5	B	Tern, roseate	E, T			
1	B	Thrush, large Kauai	E			
1	B	Thrush, Molokai (=oloma'o)	E			
1	B	Thrush, small Kauai (=puaiohi)	E			
2	B	Towhee, Inyo California (=brown)	T			
2	B	Vireo, black-capped	E			
1	B	Vireo, least Bell's	E	57500		
4	B	Warbler, Bachman's	E	600		
2	B	Warbler, golden-cheeked	E			
3	B	Warbler, Kirtland's	E	119222	402,000	521,000
1	B	Warbler, nightingale reed	E			
1	B	White-eye, bridled	E			
4	B	Woodpecker, ivory-billed	E			
4	B	Woodpecker, red-cockaded	E	3904800		
4	C	Anole, Culebra Island giant	E			
4	C	Boa, Mona	T			
4	C	Boa, Puerto Rican	E	300		
4	C	Boa, Virgin Islands tree	E			
4	C	Crocodile, American	E			
4	C	Gecko, Monito	E			
4	C	Iguana, Mona ground	T			
1	C	Lizard, blunt-nosed leopard	E	2900		
1	C	Lizard, Coachella Valley fringe-toed	T			
1	C	Lizard, Island night	T			
4	C	Lizard, St. Croix ground	E			
2	C	Rattlesnake, New Mexican ridge-nosed	T	6300		
4	C	Skink, bluetail mole	T			
4	C	Skink, sand	T	2600		
4	C	Snake, Atlantic salt marsh	T			
2	C	Snake, Concho water	T			
3	C	Snake, copperbelly water (northern pop.)	T			
4	C	Snake, eastern indigo	T			
1	C	Snake, giant garter	T	1300		
1	C	Snake, San Francisco garter	E			
1	C	Tortoise, desert	T	4100		
4	C	Tortoise, gopher	T	80000		

JNTO IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	C	Turtle, Alabama redbelly (=red-bellied)	E			
5	C	Turtle, bog (=Muhlenberg)	T		200	
4	C	Turtle, flattened musk	T		6000	
2	C	Turtle, green sea	E, T			
2	C	Turtle, hawksbill sea (=carey)	E			
2	C	Turtle, Kemp's ridley sea	E			
2	C	Turtle, leatherback sea	E			
2	C	Turtle, loggerhead sea	T			
2	C	Turtle, olive ridley sea	E, T			
5	C	Turtle, Plymouth redbelly (=red-bellied)	E			
4	C	Turtle, ringed map (=sawback)	T			
4	C	Turtle, yellow-blotched map (=sawback)	T			
1	C	Whipsnake, (=striped racer) Alameda	T			
4	D	Coqui, golden	T			
1	D	Frog, California red-legged	T		110855	
4	D	Guajon	T			
2	D	Salamander, Barton Springs	E			
5	D	Salamander, Cheat Mountain	E		13500	
1	D	Salamander, desert slender	T			
4	D	Salamander, Red Hills	T			
2	D	Salamander, San Marcos	T			
1	D	Salamander, Santa Cruz long-toed	E			
5	D	Salamander, Shenandoah	E			
2	D	Salamander, Sonoran tiger	E		9900	
2	D	Salamander, Texas blind	E			
1	D	Toad, Arroyo southwestern	E		137000	
2	D	Toad, Houston	E			
4	D	Toad, Puerto Rican crested	T			
6	D	Toad, Wyoming	E			
2	E	Catfish, Yaqui	T			
4	E	Cavefish, Alabama	E			
4	E	Cavefish, Ozark	T			
6	E	Chub, bonytail	E		8400	
1	E	Chub, Borax Lake	E			
2	E	Chub, Chihuahua	T		2000	
6	E	Chub, humpback	E		8400	
1	E	Chub, Hutton tui	T			
1	E	Chub, Mohave tui	E		1000	
1	E	Chub, Oregon	E		35000	
1	E	Chub, Owens tui	E		600	
1	E	Chub, Pahrnagat roundtail (=bonytail)	E			
4	E	Chub, slender	T			
2	E	Chub, Sonora	T		40100	
4	E	Chub, spotfin (=turquoise shiner)	T			
6	E	Chub, Virgin River	E			

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
2	E	Chub, Yaqui	E		6100	
1	E	Cul-ui	E			
1	E	Dace, Ash Meadows speckled	E			
4	E	Dace, blackside	T		15400	
1	E	Dace, Clover Valley speckled	E			
1	E	Dace, desert	T			
1	E	Dace, Fosskett speckled	T			
1	E	Dace, Independence Valley speckled	E			
6	E	Dace, Kendall Warm Springs	E		3000	
1	E	Dace, Moapa	E			
4	E	Darter, amber	E		1000	
4	E	Darter, bayou	T			
4	E	Darter, bluemask (=jewel)	E			
4	E	Darter, boulder (=Elk River)	E			
4	E	Darter, Cherokee	T			
4	E	Darter, duskytail	E		900	
4	E	Darter, Etowah	E			
2	E	Darter, fountain	E			
4	E	Darter, goldline	T			
2	E	Darter, leopard	E		29100	
5	E	Darter, Maryland	T			66,000
3	E	Darter, Niangua	E			95,000
4	E	Darter, Okaloosa	T			
4	E	Darter, relict	E			
4	E	Darter, slackwater	T			
4	E	Darter, snail	T			
4	E	Darter, watercress	E			
2	E	Gambusia, Big Bend	E			
2	E	Gambusia, Clear Creek	E			
2	E	Gambusia, Pecos	E			
2	E	Gambusia, San Marcos	E			
1	E	Goby, tidewater	E			
4	E	Logperch, Conasauga	E		1000	
5	E	Logperch, Roanoke	E			
6	E	Madtom, Neosho	T			
4	E	Madtom, pygmy	E			
3	E	Madtom, Scioto	E			
4	E	Madtom, Smoky	E		300	
4	E	Madtom, yellowfin	T		300	
2	E	Minnnow, loach	T		85400	
2	E	Minnnow, Rio Grande silvery	E			
1	E	Poolfish, Pahrump	E			
1	E	Pupfish, Ash Meadows Amargosa	E			
2	E	Pupfish, Comanche Springs	E			
2	E	Pupfish, desert	E		2800	

Lead Reg.	Group	Inverted Common Name	Status	UNITS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
1	E	Pupfish, Devils Hole	E			
2	E	Pupfish, Leon Springs	E			
1	E	Pupfish, Owens	E			
1	E	Pupfish, Warm Springs	E			
N	E	Salmon, chinook, Sacramento R. winter run	T	300		
N	E	Salmon, chinook, Snake R. fall run	T	110000		
N	E	Salmon, chinook, Snake R. spring/summer run	T	1354000		
N	E	Salmon, coho	T	4956155		
N	E	Salmon, sockeye (=red, =blueback), Snake R.	E	110000		
4	E	Sculpin, pygmy	T			
2	E	Shiner, beautiful	T			
4	E	Shiner, blue	T	14500		
4	E	Shiner, Cahaba	E	1000		
4	E	Shiner, Cape Fear	E			
4	E	Shiner, Palezone	E			
2	E	Shiner, Pecos bluntnose	T			
4	E	Silverside, Waccamaw	T			
1	E	Smelt, delta	T			
2	E	Spinedace	T	84800		
1	E	Spinedace, Big Spring	T	44400		
2	E	Spinedace, Little Colorado	T			
1	E	Spinedace, White River	E			
1	E	Springfish, Hiko White River	E			
1	E	Springfish, Railroad Valley	T	100		
1	E	Springfish, White River	E			
6	E	Squawfish, Colorado	E	54100		
N	E	Steelhead (central CA coast)	T	500		
N	E	Steelhead (Central Valley CA)	T	131200		
N	E	Steelhead (lower Columbia R.)	T	354800		
N	E	Steelhead (Snake R. Basin)	T	1251600		
N	E	Steelhead (south central CA coast)	T			
N	E	Steelhead (southern CA coast)	E	500		
N	E	Steelhead (upper Columbia R. Basin)	E	25800		
1	E	Stickleback, unarmored threespine	E	25000		
4	E	Sturgeon, Gulf	T	500		
6	E	Sturgeon, pallid	E	1650		
N	E	Sturgeon, shortnose	E	10900		
1	E	Sturgeon, white (Kootenai River pop.)	E	500		
6	E	Sucker, June	E	19000		
1	E	Sucker, Lost River	E	52700		
1	E	Sucker, Modoc	E	34800		
6	E	Sucker, razorback	E	73200		
1	E	Sucker, shortnose	E	57200		
1	E	Sucker, Warner	T			
2	E	Topminnow, Gila (incl. Yaqui)	E	85900		

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
2	E	Trout, Apache (=Arizona)	T		37500	
1	E	Trout, bull (Columbia R. pop.)	T		321,165	
1	E	Trout, bull (Jarbridge R. pop.)	E		50000	
1	E	Trout, bull (Klamath R. pop.)	T		43000	
2	E	Trout, Gila	E		47100	
6	E	Trout, greenback cutthroat	T		55000	
1	E	Trout, Lahontan cutthroat	T		36800	
1	E	Trout, Little Kern golden	T		46500	
1	E	Trout, Paiute cutthroat	T		3500	
N	E	Trout, Umpqua River cutthroat	E		1792000	
6	E	Woundfin	E			
4	F	Acornshell, southern	E		4500	
4	F	Bankclimber (mussel), purple	T			
4	F	Bean, purple (=Fine-rayed purple pearly mussel)	E			
5	F	Clubshell	E		3000	
4	F	Clubshell, black (=Curtus' mussel)	E			
4	F	Clubshell, ovate	E		6000	
4	F	Clubshell, southern	E		5000	
4	F	Combshell, Cumberlandian	E		500	
4	F	Combshell, southern (=penitent mussel)	E			
4	F	Combshell, upland	E		5500	
4	F	Elktoe, Appalachian	E		12000	
4	F	Elktoe, Cumberland	E		2500	
4	F	Fanshell	E			
4	F	Falmucket, Arkansas	T		400	
4	F	Heelsplitter, Carolina	E		10400	
4	F	Heelsplitter, inflated	T			
4	F	Kidneyshell, triangular	E		6000	
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama)	E			
4	F	Moccasinshell, Alabama	T		8000	600,000
4	F	Moccasinshell, Coosa	E		5500	
4	F	Moccasinshell, Gulf	E			
4	F	Moccasinshell, Ochlockonee	E			
4	F	Mucket, orange-nacre	T		6000	
5	F	Mussel, dwarf wedge	E		2000	
4	F	Mussel, oyster	E		500	
4	F	Mussel, ring pink (=golf stick pearly)	E			
3	F	Mussel, winged mapleleaf	E			
4	F	Pearlshell, Louisiana	T		7000	
4	F	Pearlymussel, Appalachian monkeyface	E			
4	F	Pearlymussel, birdwing	E			
4	F	Pearlymussel, cracking	E			
4	F	Pearlymussel, Cumberland bean	E		1000	
4	F	Pearlymussel, Cumberland monkeyface	E			
3	F	Pearlymussel, Curtis'	E		2000	

JNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	F	Pearlymussel, dromedary	E			
4	F	Pearlymussel, green-blossom	E			
3	F	Pearlymussel, Higgins' eye	E			
4	F	Pearlymussel, little-wing	E	600		
4	F	Pearlymussel, orange-foot pimpleback	E			
4	F	Pearlymussel, pale lilliput	E			
4	F	Pearlymussel, pink mucket	E	2000		
4	F	Pearlymussel, purple cat's paw	E			
4	F	Pearlymussel, tubercled-blossom	E			
4	F	Pearlymussel, turgid-blossom	E			
3	F	Pearlymussel, white cat's paw	E			
4	F	Pearlymussel, white wartyback	E			
4	F	Pearlymussel, yellow-blossom	E			
4	F	Pigtoe (mussel), oval	E			
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel)	E			
4	F	Pigtoe, dark	E	6000		
4	F	Pigtoe, fine-rayed	E			
4	F	Pigtoe, flat (=Marshall's mussel)	E			
4	F	Pigtoe, heavy (=Judge Tail's mussel)	E			
4	F	Pigtoe, rough	E			
4	F	Pigtoe, shiny	E			
4	F	Pigtoe, southern	E	9000		
4	F	Pocketbook (mussel), shinyrayed	E			
4	F	Pocketbook, fat	E			
4	F	Pocketbook, fine-lined	T	9000		
4	F	Pocketbook, speckled	E			
4	F	Rabbitsfoot, rough	E			
5	F	Riffleshell, northern	E	3000		
4	F	Riffleshell, tan	E	400		
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly)	E	400		
4	F	Slabshell, Chipola	T			
5	F	Spiny mussel, James River (=Virginia)	E			
4	F	Spiny mussel, Tar River	E			
4	F	Stirrupshell	E			
4	F	Three-ridge (mussel), fat	E			
6	G	Ambersnail, Kanab	E			
1	G	Limpet, Banbury Springs	E			
4	G	Marstonia (snail), royal (=obese)	E			
4	G	Riversnail, Anthony's	E			
4	G	Shagreen, Magazine Mountain (SNAIL)	T	2300		
1	G	Snail, Bliss Rapids	T			
5	G	Snail, Chittenango ovate amber	T			
5	G	Snail, flat-spined three-toothed	T			
3	G	Snail, Iowa Pleistocene	E			
1	G	Snail, Morro shoulderband (=Banded dune)	E			

UNITS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	G	Snail, noonday	T			
4	G	Snail, painted snake coiled forest	T			
1	G	Snail, Snake River physa	E			
4	G	Snail, Stock Island tree	T			
4	G	Snail, tulotoma (=Alabama live-bearing)	E	500		
1	G	Snail, Utah valvata	E			
5	G	Snail, Virginia fringed mountain	E			
1	G	Snails, Oahu tree	E			
2	G	Springsnail, Alamosa	E			
1	G	Springsnail, Bruneau Hot	E			
1	G	Springsnail, Idaho	E			
2	G	Springsnail, Socorro	E			
2	I	Beetle, Comal Springs riffle	E			
2	I	Beetle, Comal Springs dryopid	E			
1	I	Butterfly, Behren's silverspot	E			
1	I	Butterfly, callippe silverspot	E			
5	I	Beetle, American burying (=giant carrion)	E	5300		
2	I	Beetle, Coffin Cave mold	E			
1	I	Beetle, delta green ground	T			
3	I	Beetle, Hungerford's crawling water	E			
2	I	Beetle, Kretschmarr Cave mold	E			
1	I	Beetle, Mount Hermon June	E			
5	I	Beetle, northeastern beach tiger	T			
5	I	Beetle, Puritan tiger	T			
2	I	Beetle, Tooth Cave ground	E			
1	I	Beetle, valley elderberry longhorn	T	6500		
1	I	Butterfly, bay checkerspot	T			
1	I	Butterfly, El Segundo blue	E			
3	I	Butterfly, Karner blue	E	42000	29,000	71,000
1	I	Butterfly, Lange's metalmark	E			
1	I	Butterfly, lotis blue	E			
1	I	Butterfly, mission blue	E			
3	I	Butterfly, Mitchell's satyr	E			
1	I	Butterfly, Myrtle's silverspot	E			
1	I	Butterfly, Oregon silverspot	T	17000		
1	I	Butterfly, Palos Verdes blue	E			
1	I	Butterfly, Quino checkerspot	E	2000		
4	I	Butterfly, Saint Francis' satyr	E			
1	I	Butterfly, San Bruno elfin	E			
4	I	Butterfly, Schaus swallowtail	E			
1	I	Butterfly, Smith's blue	E			
6	I	Butterfly, Uncompahgre fritillary	E	12000		
3	I	Dragonfly, Hine's (=Ohio) emerald	E			
1	I	Fly, Death Sands flower-loving	E			
1	I	Grasshopper, Zayante band-winged	E			

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	I	Moth, Kern primrose sphinx	T			
1	I	Naucorid, Ash Meadows	T			
1	I	Skipper, Laguna Mountains	E			
6	I	Skipper, Pawnee montane	T	16000		
2	J	Harvestman, Bee Creek Cave	E	1500		
2	J	Harvestman, Bone Cave	E			
2	J	Pseudoscorpion, Tooth Cave	E			
4	J	Spider, spruce-fir moss	E	2400		
2	J	Spider, Tooth Cave	E			
5	K	Amphipod, Hay's Spring	E			
3	K	Amphipod, Illinois cave	E			
2	K	Amphipod, Peck's cave	E			
4	K	Crayfish, cave [no common name]	E			
4	K	Crayfish, cave [no common name]	E			
4	K	Crayfish, Nashville	E			
1	K	Crayfish, Shasta (=placid)	E			
1	K	Fairy shrimp, Conservancy	E			
1	K	Fairy shrimp, longhorn	E			
1	K	Fairy shrimp, riverside	E			
1	K	Fairy shrimp, San Diego	E			
1	K	Fairy shrimp, vernal pool	T			
5	K	Isopod, Lee County cave	E			
5	K	Isopod, Madison Cave	T			
2	K	Isopod, Socorro	E			
4	K	Shrimp, Alabama cave	E			
1	K	Shrimp, California freshwater	E			
4	K	Shrimp, Kentucky cave	E			
4	K	Shrimp, Squirrel Chimney Cave (=Florida cave)	T			
1	K	Tadpole shrimp, vernal pool	E			
1	Q	Abutilon eremitopetalum (=Sci name)	E			
1	Q	Abutilon sandwicense (=Sci name)	E			
1	Q	Achyranthes mulica (=Sci. name)	E			
1	Q	A'e	E			
1	Q	A'e	E			
2	Q	Agave, Arizona	E	6000		
1	Q	Aiakeakua, popolo	E			
1	Q	Aiea	E			
1	Q	Aiea	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko	E			
1	Q	Akoko, Ewa Plains	E			

UNITS IN THOUSANDS OF \$\$\$

Lead	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Alani	E			
1	Q	Allocarya, Calistoga	E			
1	Q	Alopecurus, Sonoma	E			
1	Q	Alsinidendron obovatum (=Sci name)	E			
1	Q	Alsinidendron trinerve (=Sci name)	E			
1	Q	Alsinidendron viscosum (=Sci. name)	E			
1	Q	Amaranthus brownii (=Sci. name)	E			
4	Q	Amaranth, seabeach	T			
2	Q	Ambrosia, south Texas	T			
4	Q	Amphianthus, little	T			
1	Q	Anaunau	E			
1	Q	Anunu	E			
4	Q	Aristida chaseae (=Sci name)	E			
4	Q	Arrowhead, bunched	E			
3	Q	Aster, decurrent false	T			
4	Q	Aster, Florida golden	E			
4	Q	Aster, Ruth's golden	E	1100		
4	Q	Auerodendron pauciflorum (=Sci name)	E			
1	Q	Aupaka	E			
1	Q	Aupaka	E			
1	Q	Aupaka	T			
4	Q	Avens, spreading	E	900		
1	Q	Awikiwiki	E			
1	Q	Awivi	E			
1	Q	Awivi	E			
2	Q	Ayenia, Texas	E			
1	Q	Baccharis, Encinitis	T	1000		
1	Q	Barberry, island	E			
1	Q	Barberry, Truckee	E			
4	Q	Bariaco	E			
5	Q	Beaked-rush, Knieskern's	T			
6	Q	Beardlongue, Penland	E	100		
4	Q	Beargrass, Britton's	E			
6	Q	Bear-poppy, dwarf	E			

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	Q	Beauty, Harper's	E		3000	
1	Q	Bedstraw, El Dorado	E			
1	Q	Bedstraw, island	E			
4	Q	Bellflower, Brooksville	E			
1	Q	Bidens, cuneate	E			
5	Q	Birch, Virginia round-leaf	E			
1	Q	Bird's beak, palmate-bracted	E			
1	Q	Bird's-beak, Pennell's	E			
1	Q	Bird's-beak, salt marsh	E			
1	Q	Bird's-beak, soft	E			
4	Q	Birds-in-a-nest, white	E			
4	Q	Bittercress, small-anthered	E			
6	Q	Bladderpod, Dudley Bluffs	E			
6	Q	Bladderpod, kodachrome	E			
4	Q	Bladderpod, lyrate	E			
3	Q	Bladderpod, Missouri	E			
1	Q	Bladderpod, San Bernardino Mountains	E			
4	Q	Bladderpod, Spring Creek	E			
2	Q	Bladderpod, white	E			
1	Q	Blazingstar, Ash Meadows	E			
4	Q	Blazingstar, Heller's	E		1100	
4	Q	Blazingstar, scrub	E			
1	Q	Bluecurls, Hidden Lake	E			
1	Q	Bluegrass, Hawaiian	E			
1	Q	Bluegrass, Mann's	E			
1	Q	Bluegrass, Napa	E			
1	Q	Bluegrass, San Bernardino	E		2000	
2	Q	Blue-star, Kearney's	E			
4	Q	Bluet, Roan Mountain	E		100	
1	Q	Bonamia menziesii (=Sci name)	E			
4	Q	Bonamia, Florida	E		1000	
4	Q	Boxwood, Vahl's	E			
1	Q	Brodiaea, Chinese Camp	E			
1	Q	Broom, San Clemente Island	E			
1	Q	Buckwheat, cushenbury	E			
4	Q	Buckwheat, scrub	E		1000	
1	Q	Buckwheat, steamboat	E			
5	Q	Bulrush, Northeastern (=barbed bristle)	E		200	
3	Q	Bush-clover, prairie	E			
1	Q	Bush-mallow, San Clemente Island	E			
1	Q	Bush-mallow, Santa Cruz Island	E			
6	Q	Buttercup, autumn	E			
1	Q	Butterweed, Layne's	E		700	
4	Q	Butterwort, Godfrey's	E			
1	Q	Button-celery, San Diego	E			

JNFS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	Q	Button, Mohr's Barbara	T			
2	Q	Cactus, Arizona hedgehog	E		3400	
1	Q	Cactus, Bakersfield	E			
2	Q	Cactus, black lace	E			
2	Q	Cactus, Brady pincushion	E			
2	Q	Cactus, bunched cory	T			
2	Q	Cactus, Chisos Mtn. hedgehog	T			
2	Q	Cactus, Cochise pincushion	T			
4	Q	Cactus, Key tree	E			
2	Q	Cactus, Knowlton	E			
2	Q	Cactus, Kuenzler hedgehog	E		42700	
2	Q	Cactus, Lee pincushion	T			
2	Q	Cactus, Lloyd's hedgehog	E			
2	Q	Cactus, Lloyd's Mariposa	T			
2	Q	Cactus, Mesa Verde	T			
2	Q	Cactus, Nellie cory	E			
2	Q	Cactus, Nichol's Turk's head	E			
2	Q	Cactus, Peebles Navajo	E			
2	Q	Cactus, Pima pineapple	E		13600	
6	Q	Cactus, San Rafael	E			
2	Q	Cactus, Siler pincushion	T			
2	Q	Cactus, Sneed pincushion	E			
2	Q	Cactus, star	E			
2	Q	Cactus, Tobusch fishhook	E			
6	Q	Cactus, Unita Basin hookless	T			
6	Q	Cactus, Winkler	T			
6	Q	Cactus, Wright fishhook	E			
4	Q	Calyptanthus thomasi (=Sci name)	E			
4	Q	Campion, fringed	E			
4	Q	Capa rosa	E		800	
2	Q	Cal's-eye, Terlingua Creek	E			
1	Q	Ceanothus, coyote (=California-lilac, Coyote	E			
1	Q	Ceanothus, Pine Hill	E			
1	Q	Centaur, spring-loving	T			
1	Q	Chaff-flower, round-leaved	E			
4	Q	Chaffseed, American	E		7400	
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci	E			
1	Q	Chamaesyce halemanui (=Sci name)	E			
1	Q	Checker-mallow, Kenwood Marsh	E			
1	Q	Checker-mallow, Nelson's	T			
1	Q	Checker-mallow, pedate	E		3000	
4	Q	Chumbo, higo	T			
4	Q	Chupacallos (=Chupagallo)	E		800	
5	Q	Cinquefoil, Robbins'	E		11500	
1	Q	Clarkia, Pismo	E			

492700

JNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Clarkia, Presidio	E			
1	Q	Clarkia, Springville	T		9800	
1	Q	Clarkia, Vine Hill	E			
2	Q	Cliff-rose, Arizona	E		3300	
1	Q	Clover, Monterey (=Del Monte)	E			
3	Q	Clover, running buffalo	E		6600	
1	Q	Clover, showy Indian	E			
4	Q	Coneflower, smooth	E		20300	
4	Q	Coneflower, Tennessee purple	E			
4	Q	Cordia bellonis	E			
4	Q	Cranichis ricartii (=Sci name)	E			
6	Q	Cress, load-flax	E			
1	Q	Crownbeard, big-leaved	T			
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	E			
1	Q	Cyanea superba (=Sci name)	E			
1	Q	Cyanea undulata (=Sci name)	E			
2	Q	Cycladenia, Jones	T			
3	Q	Daisy, lakeside	T			
6	Q	Daisy, Maguire	E			
1	Q	Daisy, Parish's	T			
4	Q	Daphnopsis hellerana (=Sci name)	E			
2	Q	Dawn-flower, Texas prairie	E			
1	Q	Delissea rhytidosperra (=Sci name)	E			
1	Q	Delissea undulata (=Sci name)	E			
2	Q	Dogweed, ashy	E			
4	Q	Dropwort, Canby's	E		200	
1	Q	Dubautia latifolia (=Sci name)	E			
1	Q	Dubautia pauciflorula (=Sci name)	E			
1	Q	Dudleya, Conejo	T			
1	Q	Dudleya, Marcescent	T			
1	Q	Dudleya, Santa Clara Valley	E			
1	Q	Dudleya, Santa Cruz Island	T			
1	Q	Dudleya, Verily's	T			
1	Q	Dudleyea, Santa Monica Mountains	T		1000	
1	Q	Dwarf-flax, Marin	T			
4	Q	Eruvia	E			
4	Q	Eugenia woodburyana (=Sci name)	E			
1	Q	Evening-primrose, Antioch Dunes	E			
1	Q	Evening-primrose, Eureka Valley	E			
1	Q	Evening-primrose, San Benito	T			
1	Q	Fiddleneck, Large-flowered	E			
1	Q	Flannelbush, Pine Hill	E			
2	Q	Fleabane, Rhizome	T		200	
1	Q	Four-o'clock, MacFarlane's	E		2000	
2	Q	Frankenia, Johnston's	E			

UNITS IN THOUSANDS OF \$\$\$

Lead	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Ha'iwale	E			
1	Q	Hala pepe	E			
1	Q	Haplostachys haplostachya (=Sci name)	E			
4	Q	Harebells, Avon Park	E			
5	Q	Harperella	E	7200		
1	Q	Hau kuahiwi	E			
1	Q	Hau kuahiwi	E			
1	Q	Hau kuahiwi, Hualalai	E			
4	Q	Heartleaf, dwarf-flowered	T	200		
4	Q	Heather, mountain golden	T	3300		
1	Q	Heau	E			
1	Q	Hedyotis degeneri (=Sci name)	E			
1	Q	Hedyotis parvula (=Sci name)	E			
1	Q	Hedyotis, Na Pali beach	E			
1	Q	Hesperomannia arborescens (=Sci name)	E			
1	Q	Hesperomannia arbuscula (=Sci name)	E			
1	Q	Hesperomannia lydgatei (=Sci name)	E			
1	Q	Hibiscus, Clay's	E			
4	Q	Higuero de Sierra	E			
1	Q	Holei	E			
4	Q	Holly, Cook's	E			
6	Q	Howellia, water	T	70200		
4	Q	Hypericum, highlands scrub	E			
4	Q	Ilex sintenisii (=Sci name)	E	800		
1	Q	Iliou, dwarf	E			
1	Q	Indian paintbrush, San Clemente Island	E			
2	Q	Ipomopsis, Holy Ghost	E	500		
4	Q	Irisette, white	E			
3	Q	Iris, dwarf lake	T			
1	Q	Ischaemum, Hilo	E			
1	Q	Ivesia, Ash Meadows	T			

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JNTS-IN-THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	Q	Jacquemontia, beach	E			
1	Q	Jewelflower, California	E			
1	Q	Jewelflower, Metcalf Canyon	E			
1	Q	Jewelflower, Tiburon	E			
5	Q	Joint-velch, sensitive	T			
1	Q	Kamakahala	E			
1	Q	Kamakahala	E			
1	Q	Kamakahala	E			
1	Q	Kauai hau kuahiwi	E			
1	Q	Kauiia	E			
1	Q	Kaulu	E			
1	Q	Kio'ele	E			
1	Q	Kiponapona	E			
1	Q	Koki'o (=hau-hele'ula or Hawaii tree cotton)	E			
1	Q	Koki'oke'oke'o	E			
1	Q	Koki'oke'oke'o	E			
1	Q	Koki'o, Cooke's	E			
1	Q	Koki'o, Kauai	E			
1	Q	Kolea	E			
1	Q	Kolea	T			
1	Q	Ko'oko'olau	E			
1	Q	Ko'oko'olau	E			
1	Q	Ko'oloa'ula	E			
1	Q	Kuahiwi, laukahi	E			
1	Q	Kuahiwi, laukahi	E			
1	Q	Kuawawaenohu	E			
1	Q	Kula, wahine noho	E			
1	Q	Kulu'i	E			
2	Q	Ladies'-tresses, Canelo Hills (=Madrean)	E	2800		
2	Q	Ladies'-tresses, Navasota	E	20000		
6	Q	Ladies'-tresses, Ute	T	103000		
1	Q	Lagu, Hyan	E			
1	Q	Larkspur, San Clemente Island	E			
1	Q	Lau'ehu	E			
1	Q	Laulihilihi (=Ma'oli'oli)	E			
1	Q	Layia, beach	E			
4	Q	Lead-plant, Crenulate	E			
4	Q	Leather flower, Alabama	E			
4	Q	Leather flower, Morefield's	E			
4	Q	Lepanthes eltoroensis (=Sci name)	E			
4	Q	Leptocereus grantianus (=Sci name)	E			
1	Q	Lessingia, San Francisco	E			
1	Q	Liliwai	E			
3	Q	Lily, Minnesota trout	E			
1	Q	Lily, Pitkin Marsh	E			

JNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Lily, Western	E			
1	Q	Lipochaeta venosa (=Sci name)	E			
1	Q	Liveforever, Santa Barbara Island	E			
1	Q	Lobelia gaudichaudii ssp. koolauensis, (=Sci. n	E			
1	Q	Lobelia monostachya (=Sci. name)	E			
1	Q	Lobelia nilhauensis (=Sci name)	E			
1	Q	Lobelia oahuensis (=Sci name)	E			
3	Q	Locoweed, Fassell's	T	5100		
1	Q	Lomatium, Bradshaw's	E			
4	Q	Loosestrife, rough-leaved	E	6900		
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
5	Q	Lousewort, Furbish	E			
1	Q	Love grass, Fosberg's	E			
1	Q	Lupine, clover	E			
4	Q	Lupine, scrub	E			
4	Q	Lyonia truncata var. proctorii (=Sci name)	E			
1	Q	Lysimachia filifolia (=Sci name)	E			
1	Q	Lysimachia lydgatei (=Sci name)	E			
1	Q	Lysimachia maxima (=ternifolia) (=Sci. name)	E			
1	Q	Ma'aloa, Big Island	E			
1	Q	Mahoe	E			
1	Q	Makou	T			
1	Q	Malacothrix, island	E			
1	Q	Mallow, Kern	E			
5	Q	Mallow, Peter's Mountain	E	1500		
1	Q	Malacothrix, Santa Cruz Island	E			
4	Q	Manaca, palma de	T			
2	Q	Manioc, Walker's	E			
1	Q	Manzanita, Del Mar (=Costa Baja, =Eastwood's)	E			
1	Q	Manzanita, Morro	T			
1	Q	Manzanita, pallid	T			
1	Q	Manzanita, Presido (=Raven's)	E			
1	Q	Manzanita, Santa Rosa Island	E			
1	Q	Ma'ohau hele (=biscus, native yellow)	E			
1	Q	Ma'oli'oli	E			
1	Q	Ma'oli'oli	E			
1	Q	Mapele	E			
1	Q	Mariposa lily, Tiburon	T			
1	Q	Mariscus fauriei (=Sci name)	E			
1	Q	Mariscus pennatifolius (=Sci name)	E			

UNITS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Meadowfoam, Butte County	E			
1	Q	Meadowfoam, Sebastopol	E			
4	Q	Meadowrue, Cooley's	E			
1	Q	Mehamehame	E			
1	Q	Mesa-mint, Olay	E			
1	Q	Mesa-mint, San Diego	E			
4	Q	Milkpea, Small's	E			
1	Q	Milk-vetch, Applegate's	E			
1	Q	Milk-vetch, Ash meadows	T			
1	Q	Milk-vetch, Braunton's	E	1000		
1	Q	Milk-vetch, Clara Hunt's	E			
1	Q	Milk-vetch, coastal dunes	E			
1	Q	Milk-vetch, Cushenbury	E			
6	Q	Milk-vetch, heliotrope	T	800		
5	Q	Milk-vetch, Jesup's	E			
2	Q	Milk-vetch, Mancos	E			
6	Q	Milk-vetch, Osterhout	E	100		
2	Q	Milk-vetch, Sentry	E			
3	Q	Milkweed, Mead's	T	6700		
6	Q	Milkweed, Welsh's	T			
4	Q	Mint, Garrett's (=scrub, in part)	E			
4	Q	Mint, Lakela's	E			
4	Q	Mint, longspurred	E			
4	Q	Mint, scrub	E			
4	Q	Mitracarpus maxwelliae (=Sci name)	E			
4	Q	Mitracarpus polycladus (=Sci name)	E			
3	Q	Monkey-flower, Michigan	E			
3	Q	Monkshood, northern wild	T			
1	Q	Morning-glory, Stebbins'	E			
1	Q	Mountain balm, Indian Knob	E			
1	Q	Mountain-mahogany, Catalina Island	E			
1	Q	Munroidendron racemosum (=Sci name)	E			
4	Q	Mustard, Carter's	E			
6	Q	Mustard, Penland alpine fen	T	1000		
1	Q	Mustard, slender-petaled	E	6700		
4	Q	Myrcia paganii (=Sci name)	E			
1	Q	Nanea	E			
1	Q	Naniwai'ale'ale	E			
1	Q	Nanu	E			
1	Q	Naupaka, dwarf	E			
1	Q	Navarrelia, few-flowered	E			
1	Q	Navarrelia, many-flowered	E			
4	Q	Negra, cobana	T			
1	Q	Nehe	E			
1	Q	Nehe	E			

Lead Reg.	Group	Inverted Common Name	UNITS IN THOUSANDS OF \$\$\$			
			Status	General	Lands	Grand Total
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Neraudia angulata (=Sci name)	E			
1	Q	Neraudia sericea (=Sci name)	E			
1	Q	Nioi	E			
1	Q	Niterwort, Amargosa	E			
1	Q	Nohoanu	E			
2	Q	Oak, Hinckley	T			
1	Q	Ohā	E			
1	Q	Ohā	E			
1	Q	Ohā wai	E			
1	Q	Ohā wai	E			
1	Q	Ohā wai	E			
1	Q	Ohā wai	E			
1	Q	Ohā wai	E			
1	Q	Ohā wai	E			
1	Q	Ohāi	E			
1	Q	Ohē ohē	E			
1	Q	Olulu	E			
1	Q	Opuhe	E			
3	Q	Orchid, eastern prairie fringed	T			
3	Q	Orchid, western prairie fringed	T	30000		
1	Q	Orcutt grass, Greene's	E	1000		
1	Q	Orcutt grass, hairy (=pilose)	E			
1	Q	Orcutt grass, Sacramento	E			
1	Q	Orcutt grass, San Joaquin	T			
1	Q	Orcutt grass, slender	T	15000		
1	Q	Owl's-clover, fleshy	T			
1	Q	Oxylheca, cushenbury	E			
1	Q	Paintbrush, ash-grey	T			
1	Q	Paintbrush, golden	T			
1	Q	Paintbrush, soft-leaved	E			
1	Q	Paintbrush, Tiburon	E			
4	Q	Palo colorado	E	800		
4	Q	Palo de jazmin	E	1400		
4	Q	Palo de Nigua	E			
4	Q	Palo de Ramon	E			
1	Q	Pamakani	E			
1	Q	Pamakani	E			
1	Q	Panicgrass, Carter's	E			
1	Q	Pau'ala	E			
4	Q	Pawpaw, beautiful	E			
4	Q	Pawpaw, four-petal	E			

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	Q	Pawpaw, Ruge's	E			
4	Q	Pelos del diablo	E			
2	Q	Pennyroyal, Todsen's	E	4000		
6	Q	Penstemon, blowout	E	500		
1	Q	Pentachaeta, Lyon's	E			
1	Q	Pentachaeta, white-rayed	E			
4	Q	Peperomia, Wheeler's	E			
6	Q	Phacelia, clay	E	2200		
1	Q	Phacelia, island	E			
6	Q	Phacelia, North Park	E			
2	Q	Phlox, Texas trailing	E			
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	E			
1	Q	Phyllostegia hirsuta (=Sci. name)	E			
1	Q	Phyllostegia kaalaensis (=Sci. name)	E			
1	Q	Phyllostegia knudsenii (=Sci. name)	E			
1	Q	Phyllostegia mannii (=Sci name)	E			
1	Q	Phyllostegia mollis (=Sci name)	E			
1	Q	Phyllostegia parviflora (=Sci. name)	E			
1	Q	Phyllostegia velutina (=Sci. name)	E			
1	Q	Phyllostegia wairimeae (=Sci name)	E			
1	Q	Phyllostegia warshaueri (=Sci. name)	E			
1	Q	Phyllostegia wawrana (=Sci. name)	E			
1	Q	Pilo	E			
4	Q	Pinkroot, gentian	E			
5	Q	Pink, swamp	T	200		
1	Q	Piperia, Yadon's	E			
2	Q	Pitaya, Davis' green	E			
4	Q	Pitcher-plant, Alabama canebrake	E			
4	Q	Pitcher-plant, green	E	1350		
4	Q	Pitcher-plant, mountain sweet	E			
1	Q	Platanthera holochila (=Sci. name)	E			
4	Q	Plum, scrub	E			
1	Q	Poa siphonoglossa (=Sci name)	E			
1	Q	Po e	E			
5	Q	Pogonia, small whorled	T	58650		
4	Q	Polygala, Lewton's	E	1000		
4	Q	Polygala, tiny	E			
4	Q	Pondberry	E	23400		
2	Q	Pondweed, Little Aguja Creek	E			
1	Q	Popolo, ku mai (=Popolo, thorny)	E			
2	Q	Poppy-mallow, Texas	E			
2	Q	Poppy, Sacramento prickly	E	12100		
4	Q	Potato-bean, Price's	T	14000		
1	Q	Potentilla, Hickman's	E			
4	Q	Prairie-clover, leafy	E			

			UNITS IN THOUSANDS OF \$\$\$			
Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	Q	Prickly-apple, fragrant	E			
4	Q	Prickly-ash, St. Thomas	E			
6	Q	Primrose, Maguire	T	5100		
1	Q	Pritchardia remota (=Sci name)	E			
1	Q	Pussypaws, Mariposa	T	600		
1	Q	Pu'uka'a	E			
4	Q	Rattleweed, hairy	E			
6	Q	Reed-mustard, Barneby	E			
6	Q	Reed-mustard, clay	T			
1	Q	Remya kauaiensis (=Sci name)	E			
1	Q	Remya monigomeryi (=Sci name)	E			
1	Q	Remya, Maui	E			
4	Q	Rhododendron, Chapman	E			
6	Q	Ridge-cress (=pepper-cress), Barneby	E			
4	Q	Rock-cress	E			
1	Q	Rock-cress, Hoffmann's	E			
1	Q	Rock-cress, McDonald's	E	7000		
1	Q	Rockcress, Santa Cruz Island	E			
5	Q	Rock-cress, shale barren	E	2200		
1	Q	Rollandia crispa (=Sci name)	E			
4	Q	Rosa, palo de	E			
4	Q	Rosemary, Apalachicola	E			
4	Q	Rosemary, Cumberland	T	600		
4	Q	Rosemary, Etonia	E			
4	Q	Rosemary, short-leaved	E			
3	Q	Roseroot, Leedy's	T			
2	Q	Rush-pea, slender	E			
1	Q	Rush-rose, island	T			
1	Q	Sandalwood, Lanai or 'iliahi	E			
1	Q	Sandbur, agrimony or Kamanomano	E			
4	Q	Sandlace	E			
2	Q	Sand-verbena, large-fruited	E			
1	Q	Sandwort, Bear Valley	T			
4	Q	Sandwort, Cumberland	E	600		
1	Q	Sandwort, Marsh	E			
1	Q	Sanicula mariversa (=Sci name)	E			
1	Q	Sanicula purpurea (=Sci name)	E			
1	Q	Schiedea haleakalensis (=Sci name)	E			
1	Q	Schiedea helleri, (=Sci. name)	E			
1	Q	Schiedea hookeri (=Sci. name)	E			
1	Q	Schiedea kaalae (=Sci name)	E			
1	Q	Schiedea kauaiensis (=Sci. name)	E			
1	Q	Schiedea lydgalei (=Sci name)	E			
1	Q	Schiedea membranacea, (=Sci. name)	E			
1	Q	Schiedea nuttallii (=Sci. name)	E			

UNITS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Schiedea sarmentosa (=Sci name)	E			
1	Q	Schiedea spergulina var. leiopoda (=Sci name)	E			
1	Q	Schiedea spergulina var. spergulina (=Sci name)	T			
1	Q	Schiedea verticillata (=Sci name)	E			
1	Q	Schiedea, Diamond Head	E			
4	Q	Schoepfia arenaria (=Sci name)	T			
1	Q	Seablite, California	E			
2	Q	Sedge, Navajo	T			
1	Q	Sedge, white	E			
1	Q	Silene alexandri (=Sci name)	E			
1	Q	Silene hawaiiensis (=Sci name)	T			
1	Q	Silene lanceolata (=Sci name)	E			
1	Q	Silene perlmanni (=Sci name)	E			
1	Q	Silversword, 'Ahinahina Mauna Kea	E			
1	Q	Silversword, Haleakala ('ahinahina)	E			
1	Q	Silversword, Ka'u	E			
4	Q	Skullcap, Florida	T			
4	Q	Skullcap, large-flowered	E	5012		
4	Q	Snakeroot	E			
2	Q	Snowbells, Texas	E			
1	Q	Spermolepis hawaiiensis (=Sci name)	E			
1	Q	Spineflower, Ben Lomond	E			
1	Q	Spineflower, Howell's	E			
1	Q	Spineflower, Monterey	T			
1	Q	Spineflower, Orcutt's	E			
1	Q	Spineflower, Robust (incl. Scotts Valley)	E			
1	Q	Spineflower, slender-horned	E	1400	414,000	415,400
1	Q	Spineflower, Sonoma	E			
5	Q	Spiraea, Virginia	T	3000		
4	Q	Spurge, deltoid	E			
4	Q	Spurge, Garber's	T			
1	Q	Spurge, Hoover's	T			
4	Q	Spurge, telephus	T			
1	Q	Stenogyne angustifolia (=Sci name)	E			
1	Q	Stenogyne bifida (=Sci name)	E			
1	Q	Stenogyne campanulata (=Sci name)	E			
1	Q	Stenogyne kanehoana (=Sci name)	E			
1	Q	Stonecrop, Lake County	E			
4	Q	Sumac, Michaux's	E			
1	Q	Sunburst, Hartweg's golden	E			
1	Q	Sunburst, San Joaquin adobe	T			
4	Q	Sunflower, Eggert's	T			
1	Q	Sunflower, San Mateo woolly	E			
4	Q	Sunflower, Schweinitz's	E	1300		
1	Q	Sunray, Ash Meadows	T			

Lead Reg.	Group	Inverted Common Name	Status	UNITS IN THOUSANDS OF \$\$\$		
				eral	Lands	Grand Total
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	E			
1	Q	Taraxacum, California	E			
4	Q	Ternstroemia subsessilis (=Sci name)	E	1700		
1	Q	Tetramolopium rockii (=Sci name)	T			
1	Q	Tetramolopium arenarium (=Sci name)	E			
1	Q	Tetramolopium filiforme (=Sci name)	E			
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci)	E			
1	Q	Tetramolopium remyi (=Sci name)	E			
1	Q	Thistle, Chorro Creek	E			
1	Q	Thistle, fountain	E			
1	Q	Thistle, Loch Lombnd coyote	E			
3	Q	Thistle, Pitcher's	T	3500		
2	Q	Thistle, Sacramento Mountains	T	12100		
1	Q	Thistle, Sulsum	E			
1	Q	Thornmint, San Máleo	E		0	
6	Q	Townsendia, Last Chance	T			
4	Q	Tree, pygmy fringe	E			
1	Q	Trematolobelia singularis (=Sci. name)	E			
4	Q	Trillium, persistent	E	200		
4	Q	Trillium, relict	E	1200		
6	Q	Twinpod, Dudley Bluffs	T			
1	Q	Uhiuhi	E			
4	Q	Uvillo	E	800		
4	Q	Vernonia proctorii (=Sci name)	E			
1	Q	Vervain, Red Hills	T			
1	Q	Vetch, Hawaiian	E			
1	Q	Vigna o-wahuensis (=Sci name)	E			
1	Q	Viola helenae (=Sci name)	E			
1	Q	Viola lanaiensis (=Sci name)	E			
1	Q	Viola oahuensis (=Sci. Name)	E			
1	Q	Wahane (=Hawane or loulu)	E			
1	Q	Wallflower, Ben Lomond	E			
1	Q	Wallflower, Contra Costa	E			
1	Q	Wallflower, Menzies	E			
4	Q	Walnut, West Indian or nogal	E			
4	Q	Warea, wide-leaf	E			
1	Q	Watercress, Gambel's	E			
4	Q	Water-plantain, Kral's	T	300		
2	Q	Water-umbel, Huachuca	E	12600		
4	Q	Water-willow, Cooley's	E			
4	Q	Whillow-wort, papery	T			
6	Q	Wild-buckwheat, clay-loving	E			
2	Q	Wild-buckwheat, gypsum	T			
1	Q	Wild-buckwheat, southern mountain	T			
2	Q	Wild-rice, Texas	E			

			AMOUNTS IN THOUSANDS OF \$\$\$		
Lead Reg.	Group	Inverted Common Name	Status General	Lands	Grand Total
4	Q	Wings, Pigeon	T		
1	Q	Wire-lettuce, Malheur	E		
4	Q	Wireweed	E		
1	Q	Woodland-star, San Clemente Island	E		
1	Q	Woolly-star, Hoover's	T		
1	Q	Woolly-star, Santa Ana River	E		
1	Q	Woolly-threads, San Joaquin	E		
1	Q	Xylosma crenatum (=Sci name)	E		
4	Q	Ziziphus, florida	E		
1	R	Cypress, Gowen	T		
1	R	Cypress, Santa Cruz	E		
4	R	Torreya, Florida	E		
4	S	Adiantum vivesii (=Sci name)	E		
1	S	Asplenium fragile var. insulare (=Sci name)	E		
1	S	Diellia falcata (=Sci name)	E		
1	S	Diellia pallida (=laciniata) (=Sci name)	E		
1	S	Diellia unisora (=Sci name)	E		
1	S	Diellia, asplenium-leaved	E		
1	S	Diplazium molokaiense (=Sci name)	E		
4	S	Elaphoglossum serpens (=Sci name)	E		
4	S	Fern, Alabama streak-sorus	T	2200	
7	S	Fern, Aleutian shield	E		
4	S	Fern, American hart's-tongue	T		
4	S	Fern, Elfin tree	E		
1	S	Fern, pendant kihi	E		
1	S	Ihi ihi	E		
1	S	Pauoa	E		
4	S	Polystichum calderonense (=Sci name)	E		
1	S	Pteris lidgatei (=Sci name)	E		
4	S	Quillwort, black spored	E		
4	S	Quillwort, Louisiana	E		
4	S	Quillwort, mal-forming	E		
4	S	Tectaria estremerana (=Sci name)	E		
4	S	Thelypteris inabonensis (=Sci name)	E		
4	S	Thelypteris verecunda (=Sci name)	E		
4	S	Thelypteris yaucoensis (=Sci name)	E		
1	S	Wawae iole	E		
1	S	Wawa iole	E		
4	U	Cladonia, Florida perforate	E		
4	U	Lichen, rock gnome	E	1600	



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

P.O. Box 2890
Washington, D.C.
20013

SEP 02 1999


Ms. Jamie Rappaport Clark
Director
Fish and Wildlife Service
U.S. Department of the Interior
1849 C St. N.W., Mail Stop 3012
Washington, D.C. 20240

Dear Ms. Clark:

This is in response to your request for information on the Department of Agriculture, Natural Resources Conservation Service expenditures made primarily for the conservation of endangered or threatened species pursuant to the Endangered Species Act. Based on information gathered from our State biologists, we have compiled the enclosed State-by-State list of fiscal year 1998 expenditures for endangered and threatened species conservation and recovery work.

If you have questions or concerns regarding this matter, please contact Howard Hankin, National Aquatic Ecologist, at (202) 690-0082.

Sincerely,



Acting for

PEARLIE S. REED
Chief

Enclosure

Sheet1

				ESA Expenditures	
				Fiscal Year 1998	
State	Species				\$ Amount
Alaska					\$0
Arizona	Agave, arizona				\$300
Arizona	Bat, lesser long-nosed				\$8,500
Arizona	Bat, mexican long-nosed				\$6,100
Arizona	Cactus, arizona hedgehog				\$200
Arizona	Cactus, brady pincushion				\$100
Arizona	Cactus, cochise pincushion				\$100
Arizona	Cactus, pineapple pima				\$2,000
Arizona	Cliff-rose, arizona				\$100
Arizona	Eagle, bald				\$2,000
Arizona	Falcon, american peregrine				\$400
Arizona	Falcon, northern aplomado				\$200
Arizona	Flycatcher, southwest willow				\$1,200
Arizona	Jaguar				\$2,700
Arizona	Jaguarundi				\$100
Arizona	Ocelot				\$100
Arizona	Owl, cactus ferruginous pygmy				\$200
Arizona	Owl, mexican spotted				\$6,100
Arizona	Minnow, loach				\$2,000
Arizona	Pelican, brown				\$100
Arizona	Rattlesnake, new mexican ridge-nosed				\$6,500
Arizona	Salamander, sonoran tiger				\$200
Arizona	Sedge, navajo				\$200
Arizona	Spikedace				\$1,500
Arizona	Spinedace, little colorado				\$6,300
Arizona	Squawfish, colorado				\$2,000
Arizona	Sucker, razorback				\$500
Arizona	Topminnow, gila				\$4,300
Arizona	Tortoise, desert				\$1,000
Arizona	Trout, apache				\$100
Arizona	Vole, hualapai mexican				\$1,000
Arizona	Wolf, gray				\$200
Arizona	Yuma clapper rail				\$100
Arkansas	Darter, leopard				\$1,500
Arkansas	Eagle, bald				\$1,500
Arkansas	Fatmucket, arkansas				\$1,500
Arkansas	Geocarpon minimum				\$1,500

Sheet1

Arkansas		Harperella			\$1,500
Arkansas		Pearlymussel, pink mucket			\$1,500
Arkansas		Pocketbook, rock ouachita			\$1,500
Arkansas		Woodpecker, red-cockaded			\$1,500
California		Frog, red-legged			\$20,500
California		Salmon, chinook, Sacramento R. Winter run			\$129,500
California		Salmon, coho			\$122,500
California		Steelhead, central CA coast			\$49,500
California		Steelhead, central valley CA			\$52,500
California		Steelhead, south central coast			\$25,500
California		Steelhead, southern CA coast			\$10,000
Colorado		Chub, bonytail			\$2,000
Colorado		Chub, humpback			\$2,000
Colorado		Flycatcher, southwest willow			\$500
Colorado		Pikeminnow, colorado (Squawfish)			\$2,000
Colorado		Sucker, razorback			\$2,000
Colorado		Mouse, Preble's meadow jumping			\$500
Connecticut					\$0
Delaware					\$0

Sheet1

East Region					\$0
Florida		Cooley's Water Willow			\$630
Georgia					\$0
Hawaii		Acaena exigua			\$13,250
Hawaii		Duck, hawaiian			\$453,700
Hawaii		Nene			\$13,400
Hawaii		Hawk, hawaiian			\$8,250
Hawaii		Clermontia lindsyana			\$26,300
Hawaii		Diellia erecta			\$30
Hawaii		Coot, hawaiian			\$39,280
Hawaii		Moorhen			\$20,800
Hawaii		Stilt, hawaiian			\$39,280
Hawaii		Bat, hawaiian			\$46,000
Hawaii		Alani			\$10,000
Hawaii		O'o'a'a			\$2,700
Hawaii		sanicula purpurea			\$13,250
Hawaii		Solanum sandwicen			\$30
Kansas		Bat, gray			\$3,000
Kansas		Beetle, american burying			\$1,000
Kansas		Crane, whooping			\$500
Kansas		Curlew, eskimo			\$500
Kansas		Eagle, bald			\$3,000
Kansas		Madtom, neosho			\$500
Kansas		Milkweed, mead's			\$5,000
Kansas		Orchid, western prairie fringed			\$500
Kansas		Plover, piping			\$500
Kansas		Plover, vestern snowy			\$500
Kansas		Shiner, Topeka			\$2,000
Kansas		Tern, least			\$500
Kentucky					\$0

Sheet1

Idaho		Salmon, chinook Snake River Fall run	\$276,000
Idaho		Salmon, chinook snake River Spring run	\$278,000
Idaho		Steelhead snake river basin	\$278,000
Idaho		Strugeon, white	\$4,000
Illinois			\$0
Indiana			\$0
Iowa			\$0
Louisiana			\$0
Maine		Eagle, bald	\$384
Maine		Lousewort, furbishes	\$576
Maine		Falcon, peregrine	\$240
Maryland		Bluet, Barrens	\$15,000
Massachusetts		Turtle, spotted	\$15,000
Massachusetts		Adders tongue fern	\$2,000
Massachusetts		Golden-wing warbler	\$2,000
Massachusetts		Diamondback terrapin	\$2,000
Massachusetts		Broom crowberry	\$2,000
Massachusetts		Bushy rockrose	\$2,000
Massachusetts		Northern Harrier	\$2,000
Massachusetts		Coastal heathland cutworm	\$2,000
Massachusetts		Gerhard's underwing moth	\$2,000
Massachusetts		Plover, piping	\$1,000
Michigan		Endangered species identification	\$42,500
Minnesota		Bear, louisana black	\$1,000
Mississippi		Chaffseed, american	\$25
Mississippi		Clubshell, black	\$25
Mississippi		Clubshell, ovate	\$700
Mississippi		Clubshell, southern	\$700
Mississippi		Combshell, southern	\$25
Mississippi		Crane, mississippi sandhill	\$100

Sheet1

Mississippi	Darter, bayou			\$1,600
Mississippi	Eagle, bald			\$25
Mississippi	Heelsplitter, inflated			\$25
Mississippi	Moccasinshell, alabama			\$700
Mississippi	Mucket, orange-nacre			\$700
Mississippi	Pigtoe, flat			\$25
Mississippi	Pigtoe, heavy			\$700
Mississippi	Pocketbook, flat			\$25
Mississippi	Pondberry			\$25
Mississippi	Potato-bean, price's			\$700
Mississippi	Quiltwort, louisiana			\$25
Mississippi	Stirrupshell			\$25
Mississippi	Strugeon, gulf			\$725
Mississippi	Strugeon, pallid			\$725
Mississippi	Tortoise, gopher			\$500
Mississippi	Turtle, ringed map			\$750
Mississippi	Turtle, yellow-blotched			\$750
Mississippi	Woodpecker, red-cockadad			\$750
Missouri				\$0
Montana	Trout, bull			\$1,000
Montana	Ferret, black-footed			\$900
Nebraska	Crane, whooping			\$17,500
Nebraska	Curlew, eskimo			\$900
Nebraska	Eagle, bald			\$56,500
Nebraska	Falcon, american peregrine			\$900
Nebraska	Plover, piping			\$200,000
Nebraska	Tem, least			\$200,000
Nebraska	Sturgeon, pallid			\$5,500
Nebraska	Beetle, american burying			\$900
Nebraska	Ladies'-tresses, ute			\$900

Sheet1

Nebraska		Orchid, western prairie fringed		\$900
Nebraska		Penstemon, blowout		\$1,400
Nebraska		Eagle, bald		\$500
New Jersey		Pink, swamp		\$500
New Jersey		Turtle, bog		\$2,000
New Jersey		Flycatcher, southwestern willow		\$5,000
New Mexico		Minnow, rio grande silvery		\$4,000
New Mexico		Trout, gila		\$1,000
New York				\$0
Nevada				\$0
North Carolina		Orchid, western prairie fringed		\$1,000
North Dakota				\$0
Ohio				\$0
Oregon				\$0
Puerto Rico		Yellow-shouldered blackbird		\$51,700
Pennsylvania				\$0
Rhode Island		Topeka Shiner		\$150
South Dakota				\$0
South Carolina		Mussels, cumberland pigtoe		\$2,500
Tennessee		Amphidod, peck's cave		\$1,000
Texas		Beetle, comal springs dryopid		\$1,000
Texas		Beetle, comal springs riffle		\$1,000
Texas		Cactus, tobusch fishhook		\$500
Texas		Chicken, attwater's prairie		\$85,000
Texas		Darter, fountain		\$1,000
Texas		Eagle, bald		\$1,000
Texas		Falcon, peregrine (American & Artic)		\$1,000
Texas		Flycatcher, southwestern willow		\$500
Texas		Flower, texas prairie dawn-flower		\$10,000
Texas		Frankenia johnston's		\$1,000
Texas		Gambusia, pecos		\$500

Sheet1

Texas		Gambusia, san marcos		\$1,000
Texas		Ladies'-tresses, navasota		\$1,000
Texas		Jaguarundi		\$1,000
Texas		Ocelot		\$1,000
Texas		Rice, wild texas		\$1,000
Texas		Salamander, texas blind		\$1,000
Texas		Salamander, san marcos		\$1,000
Texas		Snowbells, texas		\$500
Texas		Toad, houston		\$5,000
Texas		Vireo, black-capped		\$5,000
Texas		Warbler, golden-cheeked		\$5,000
Texas		Wolf, mexican gray		\$500
Texas		Woodpecker, red-cockaded		\$1,000
Utah		Coneflower, smooth		\$5,400
Virginia		Joint-vetch, sensitive		\$9,200
Virginia		Mussel, james spiny		\$700
Virginia		Mussel, rough rabbitsfoot		\$7,700
Virginia		Turtle, bog		\$1,300
Virginia		Logpearch, roanoke		\$15,400
Virginia		Salmon, chinook fall		\$45,000
Washington		Salmon, chinook spr		\$150,000
Washington		Steelhead, upper columbia river		\$100,000
Washington		Steelhead, snake river basin		\$105,000
Washington		Steelhead, lower columbia river		\$60,000
West Virginia				\$0
Wisconsin		Crane, whooping		\$1,400
Wyoming		Eagle, bald		\$300
Wyoming		Falcon, american peregrine		\$100
Wyoming		Ferret, black-footed		\$700
Wyoming		Ladies'-tresses, ute		\$700
Wyoming		Mouse, preble's meadow jumping		\$2,400
Wyoming		Toad, wyoming		\$188,300
		1998 total:		\$3,506,600



701080
UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Silver Spring, MD 20910

DEC 20 2001

Mr. Marshall Jones, Jr.
Acting Director
U.S. Fish and Wildlife Service
United States Department of the Interior
Washington, D.C. 20240

Dear Mr. Jones:

Marshall

This responds to your September 19, 2001, request for a species-by-species accounting of expenditures made for in fiscal years 1999 and 2000 for species with funds appropriated under the Endangered Species Act. Based on discussions with your staff we are also providing a summary of expenditures for fiscal year 1998. And while we are compiling all these, we summarized expenditures for 2001.

Sincerely,

David Cottrell

Donald R. Knowles
Director
Office of Protected Resources

Enclosure



1998-2001 Endangered Species Act Expenditures - National Marine Fisheries Service (\$ x 1000)

Common Name	Scientific Name	Spending FY 1998	Spending FY 1999	Spending FY 2000	Spending FY 2001
<u>Fish</u>					
Salmon, Chinook	<i>Oncorhynchus tshawytscha</i>	3198	4390	6795	7631
Salmon, Chum	<i>Oncorhynchus keta</i>	3198	4390	6795	7631
Salmon, Coho	<i>Oncorhynchus kisutch</i>	3198	4390	6795	7631
Salmon, Sockeye	<i>Oncorhynchus nerka</i>	3198	4390	6795	7631
Trout, steelhead	<i>Oncorhynchus mykiss</i>	3198	4390	6795	7631
Sturgeon, Gulf	<i>Acipenser oxyrinchus desotoi</i>	73	32	50	136
Sturgeon shortnose	<i>Acipenser transmontanus</i>	127	125	100	350
Salmon, Atlantic	<i>Salmo salar</i>	1500	1690	2500	4517
Totoaba	<i>Cynoscion macdonaldi</i>	0	0	0	0
<u>Mammal</u>					
Dolphin, Chinese River	<i>Lipotes vexillifer</i>	0	0	0	0
Dolphin, Indus River	<i>Platanista minor</i>	0	0	0	0
Sea lion, Steller	<i>Eumetopias jubatus</i>	3040	4879	5243	33312
Seal, Caribbean monk	<i>Monachus tropicalis</i>	0	0	0	0
Seal, Guadalupe fur	<i>Arctocephalus townsendi</i>	0	0	0	0
Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	1504	1052	1210	2100
Seal, Mediterranean monk	<i>Monachus monachus</i>	0	0	0	0
Seal, Siamaa	<i>Phoca hispida saimensis</i>	0	0	0	0
Whale, blue	<i>Balaenoptera musculus</i>	0	0	0	0
Whale bowhead	<i>Balaena mysticetus</i>	0	0	0	0
Whale finback	<i>Balaenoptera physalus</i>	0	0	0	0
Whale gray	<i>Eschrichtius robustus</i>	125	124	34	84

1998-2001 Endangered Species Act Expenditures - National Marine Fisheries Service (\$ x 1000)

Common Name	Scientific Name	Spending FY 1998	Spending FY 1999	Spending FY 2000	Spending FY 2001
Whale humpback	<i>Megaptera novaeangliae</i>	240	131	53	53
Whale right, northern	<i>Balaena glacialis</i>	0	142	268	270
Whale right, northern	<i>Balaena glacialis</i>	1100	1400	3900	5000
Whale sei	<i>Balaenoptera borealis</i>	0	0	0	0
Whale, sperm	<i>Physeter macrocephalus</i>	0	0	0	0
<u>Reptile</u>					
Turtle, green	<i>Chelonia mydas</i>	647	647	747	1330
Turtle, hawksbill	<i>Eretmochelys imbricata</i>	647	647	747	1930
Turtle, Kemp's ridley	<i>Lepidochelys kempii</i>	647	647	747	1330
Turtle, leatherback	<i>Dermochelys coriacea</i>	647	647	747	1930
Turtle, loggerhead	<i>Caretta caretta</i>	647	647	747	1930
Turtle, olive ridley	<i>Lepidochelys olivacea</i>	647	647	747	1930
<u>Seagrass</u>					
Seagrass, Johnson's	<i>Halophila johnsonii</i>	111	112	148	200
Candidate Species					
<u>Fish</u>					
Grouper, Nassau	<i>Epinephelus striatus</i>	43	36	0	22
Grouper, warsaw	<i>Epinephelus nigritus</i>	0	0	0	22
Hind, speckled	<i>Epinephelus drummondhayi</i>		0	0	0
Goliath Grouper	<i>Epinephelus itajara</i>	104	225	133	48
Pipefish, opossum	<i>Microphis brachyurus lineatus</i>		21	0	0
Rivulus, mangrove	<i>Rivulus marmoratus</i>	0	0	0	0
Shad, Alabama	<i>Alosa alabamae</i>	0	0	0	0
Shark, dusky	<i>Carcharhinus obscurus</i>	0	0	30	0

1998-2001 Endangered Species Act Expenditures - National Marine Fisheries Service (\$ x 1000)

Common Name	Scientific Name	Spending FY 1998	Spending FY 1999	Spending FY 2000	Spending FY 2001
Shark, night	<i>Carcharhinus signatus</i>	0	0	0	0
Shark, sand tiger	<i>Odontaspis taurus</i>	0	0	0	0
Silverside, Key	<i>Menidia conchorum</i>	0	0	0	0
Sturgeon, Atlantic	<i>Acipenser oxyrinchus oxyrinchus</i>	105	14	100	0
Topminnow, saltmarsh	<i>Fundulus jenkinsi</i>	0	0	0	0
Barndoor skate	<i>Raja laevis</i>	0	0	64	59
Puget Sound groundfishes	<i>various species</i>	0	0	67	149
Smalltooth sawfish ¹	<i>Pristis pectinata</i>	0	0	50	56
California rockfishes	<i>mult-species</i>	6	0	49	61
<u>Mammal</u>					
Whale, beluga	<i>Delphinapterus leucas</i>	109	145	284	670
Porpoise, harbor	<i>Phocoena phocoena</i>	0	150	0	0
<u>Invertebrates</u>					
Abalone, white ²	<i>Haliotis sorenseni</i>	0	0	174	135
Coral spp.	<i>Acropora palmata</i>	92	85	115	100
Total expenditure by species		28,151	36,195	53,029	95,879
Total annual ESA appropriation		29,779	38,699	55,470	102,476

¹Listed as endangered 2001

²Listed as endangered 2001

AES



OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON DC 20301-3000

ACQUISITION AND
TECHNOLOGY

0 0 00 000

Mr. Richard M. Smith
Deputy Director
U.S. Fish and Wildlife Service
Department of the Interior
Washington, DC 20240

Dear Mr. Smith:

The Department of Defense's report on FY 1998 investments for the conservation of threatened and endangered species is enclosed. This summary report does not include activities of the Army Corps of Engineers (Civil Works), who are reporting to you separately.

In FY 1998, the Military Components invested \$25,712,800 on the conservation and management of federally-listed threatened and endangered species. The Department of the Army invested \$10,510,600; the Department of the Navy invested \$9,450,700, including \$6,202,200 by the Marine Corps; the Department of the Air Force invested \$5,701,500; and the Defense Logistics Agency invested \$50,000. Summary tables of each Component's efforts by species are enclosed. We have no land acquisition costs to report.

Threatened and endangered species protection continues to be a major goal of DoD's conservation program. If we can be of further assistance, please contact Mr. Peter Boice at (703) 604-0524.

Bruce C. deGrazia
Assistant Deputy Under Secretary of Defense
(Environmental Quality)

Enclosures



DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY
INSTALLATIONS LOGISTICS AND ENVIRONMENT
110 ARMY PENTAGON
WASHINGTON DC 20310-0110

JAN 22 1999

MEMORANDUM FOR DEPUTY UNDER SECRETARY OF DEFENSE
(ENVIRONMENTAL SECURITY)

SUBJECT: Annual Report of FY 1998 Threatened and Endangered Species
Expenditures

Reference memorandum from Assistant Deputy Under Secretary of
Defense (Environmental Quality), dated October 19, 1998, subject: Annual
Reporting of Threatened and Endangered Species Expenditures.

Information requested for the annual report to the U.S. Fish and Wildlife
Service is enclosed. It shows that the Army expenditures for FY 1998 were
\$10,510,600.

The point of contact in this office is Mr. Mark Dunning at (703) 614-9555.


Raymond J. Patz

Deputy Assistant Secretary of the Army
(Environment, Safety and Occupational Health)
OASA(I,L&E)

Enclosure

CF:
DAIM-ED-N

DEPARTMENT OF THE ARMY
FY 98 ESTIMATED EXPENDITURES FOR
THREATENED AND ENDANGERED SPECIES

SPECIES NAME	ARMY EXPENDITURES \$K
1. Mammals	
Bat, gray	125.8
Bat, Indiana	174.4
Bat, long-nosed	27.0
Fox, San Joaquin kit	188.1
Fox, swift	79.5
Mouse, Preble's meadow jumping	25.8
Wolf, gray	15.0
SUBTOTAL:	635.6
2. Birds	
Coot, Hawaiian	0.6
Creeper, Oahu	12.4
Duck, Hawaiian	0.6
Eagle, bald	199.0
Elepaio, Oahu	29.1
Falcon, American peregrine	106.5
Falcon, northern aplomado	79.5

SPECIES NAME	ARMY EXPENDITURES \$K
2. Birds (cont.)	
Falcon, peregrine	1.0
Flycatcher, southwestern willow	0.7
Moorhen, Hawaiian common	0.6
Owl, Mexican spotted	114.8
Owl, northern spotted	86.4
Plover, mountain	33.5
Plover, piping	1.0
Stilt, Hawaiian	0.6
Stork, wood	1.3
Tern, least	1.0
Vireo, black-capped	969.0
Vireo, least Bell's	6.3
Warbler, golden-cheeked	736.0
Woodpecker, red-cockaded	4993.2
SUBTOTAL:	7372.9
3. Reptiles	
Alligator, American	0.5
Snake, eastern indigo	20.0

Encl

SPECIES NAME	ARMY EXPENDITURES \$K
3. Reptiles (cont.)	
Tortoise, desert	769.0
Tortoise, gopher	61.3
Turtle, green sea	0.2
Turtle, Kemp's ridley sea	0.2
Turtle, leatherback sea	0.2
Turtle, loggerhead sea	0.2
SUBTOTAL:	851.6
4. Amphibians	
Frog, California red-legged	18.7
SUBTOTAL:	18.7
5. Fish	
Darter, Arkansas	7.1
Shiner, Topeka	4.0
Sturgeon, shortnose	21.2
Trout, greenback cutthroat	14.6
SUBTOTAL:	47.0
6. Clams	
Achatinella apexfulva	12.3
Achatinella byronii	12.3

SPECIES NAME	ARMY EXPENDITURES \$K
6. Clams (cont.)	
Achatinella curta	13.4
Achatinella decipiens	12.3
Achatinella leucorraphe	12.3
Achatinella lila	6.7
Achatinella livida	6.7
Achatinella mustelina	159.3
Achatinella sowerbyana	19.0
SUBTOTAL:	254.3
7. Insects	
Beetle, American burying	60.0
Butterfly, Karner blue	96.3
Butterfly, Oregon silverspot	11.5
Butterfly, Saint Francis' satyr	50.0
SUBTOTAL:	217.8
8. Crustaceans	
Fairy shrimp, vernal pool	65.0
Shrimp, Alabama cave	20.0
SUBTOTAL:	85.0

SPECIES NAME	ARMY EXPENDITURES \$K
9. Plants	
Alani	4.5
Alsinidendron obovatum	11.7
Alsinidendron trinerve	2.6
American chaffseed	100.0
Anaunau	14.3
Aupaka	2.6
Bonamia menziesii	11.7
Chamaesyce rockii	15.5
Chorro Creek bog thistle	20.0
Cyanea acuminata	7.1
Cyanea crispa	4.5
Cyanea grimesiana ssp grimesiana	2.6
Cyanea koolauensis	15.5
Cyanea st. johnii	4.5
Cyanea superba	11.7
Cyrtandra dentata	11.7
Cyrtandra subumbellata	2.6
Cyrtandra viridiflora	4.5

SPECIES NAME	ARMY EXPENDITURES \$K
8. Plants (cont.)	
Diella falcata	14.3
Eggert's sunflower	25.0
Euphorbia haeleeleana	11.7
Hedyotis parvula	11.7
Hesperomannia arborescens	15.5
Kamakahala	2.6
Kamanomano	11.7
Kolea	4.5
Kulu 'I	18.3
Large-flowered skullcap	1.0
Lobelia gaudichaudii ssp koolauensis	2.6
Lobelia niihauensis	14.3
Lobelia oahuensis	14.3
Louisiana quillwort	14.1
Loulu	14.3
Mahoe	14.3
Ma 'oli 'oli	6.6
Ma 'o hau hele	6.6

SPECIES NAME	ARMY EXPENDITURES \$K
8. Plants (cont.)	
Mehamehame	14.3
Michaux sumac	130.0
Na 'ena 'e	11.7
Nanu	15.5
Nehe	11.7
Neraudia angulata var angulata	14.3
Neraudia angulata var dentata	11.7
Nioi	8.4
Oha	14.3
Ohai	100.0
Ohe 'ohe	12.9
Opuhe	2.6
Pamakani	14.3
Pauoa	11.7
Phyllostegia hirsuta	7.1
Phyllostegia kaalaensis	2.6
Phyllostegia mollis	2.6
Plantago princetonensis var longibracteata	4.5

SPECIES NAME	ARMY EXPENDITURES \$K
8. Plants (cont.)	
Plantago princetonensis var princeps	14.3
Price's potato bean	15.0
Pteris lidgatei	7.1
Relict trillium	3.7
Rough-leaved loosestrife	3.0
Sanicula maritima	11.7
Sanicula purpurea	4.5
Schiedea hookeri	14.3
Schiedea nuttallii	11.7
Silene lanceolata	11.7
Smooth coneflower	1.5
Sneed pincushion cactus	25.0
Spermolepis hawaiiensis	11.7
Tennessee yellow-eyed grass	3.0
Tetramolopium filiforme	11.7
Tetramolopium lepidotum ssp lepidotum	2.6
Ute ladies'-tresses	13.3
Viola oahuensis	7.1

SPECIES NAME	ARMY EXPENDITURES \$K
8. Plants (cont.)	
Wawae 'iole	4.5
Water howellia	7.4
Yadon's piperia	0.9
SUBTOTAL:	1027.8
ARMY TOTAL EXPENDITURES:	10510.6



DEPARTMENT OF THE NAVY
OFFICE OF THE ASSISTANT SECRETARY
(INSTALLATIONS AND ENVIRONMENT)
1000 NAVY PENTAGON
WASHINGTON, D.C. 20350-1000

MEMORANDUM FOR THE ASSISTANT DEPUTY UNDER SECRETARY OF DEFENSE
(ENVIRONMENTAL QUALITY)

Subj: ANNUAL REPORTING OF THREATENED AND ENDANGERED SPECIES
EXPENDITURES

Ref: (a) ODUSD(ES) Memo of 19 Oct 98

Encl: (1) Navy Expenditures
(2) Marine Corps Expenditures

Per reference (a), Enclosures (1) and (2) are provided.

If there are questions, please call me at (703) 588-6671.

Very respectfully,

A handwritten signature in black ink, appearing to read "Lewis R. Shotton".

LEWIS R. SHOTTON
Director, Environmental Planning
and Natural Resources Policy



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
2000 NAVY PENTAGON
WASHINGTON, D.C. 20350-2000

IN REPLY REFER TO

5090
Ser N45D/90595140
25 JAN 1999

MEMORANDUM FOR DEPUTY ASSISTANT SECRETARY OF THE NAVY
(ENVIRONMENTAL AND SAFETY)

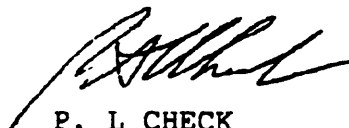
Subj: ANNUAL REPORTING OF THREATENED AND ENDANGERED SPECIES
EXPENDITURES - INFORMATION MEMORANDUM

Ref: (a) OUSD memo of 19 Oct 98

Encl: (1) Navy Expenditures on Threatened and Endangered
Species during Fiscal Year 1998

1. Enclosure (1) provides the FY1998 Navy report of expenditures for the conservation of threatened and endangered species as requested by reference (a). Expenditures in the amount of \$3,248,454 are reasonably identifiable to 44 specific species.

2. My point of contact for this matter is Mr. Thomas Egeland, N45D, (202) 685-9329.


P. L. CHECK
Captain, CEC, U.S. Navy
Director, Environmental Protection,
Safety and Occupational Health
Division (Acting)

Copy to:
N46
CMC(LFL)
NAVFAC(ENV)

**NAVY EXPENDITURES ON THREATENED AND ENDANGERED SPECIES
DURING FISCAL YEAR 1998**

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>(\$000)</u>
<u>Birds</u>		
Blackbird, Yellow-shouldered	<i>Agelaius xanthomus</i>	2.0
Eagle, Bald	<i>Haliaeetus leucocephalus</i>	29.3
Falcon, American Peregrine	<i>Falco peregrinus anatum</i>	1.0
Gnatcatcher, California	<i>Polioptila californica</i>	45.4
Murrelet, Marbled	<i>Brachyramphus marmoratus</i>	0.6
Pelican, Brown	<i>Pelecanus occidentalis</i>	2.0
Plover, Western Snowy	<i>Charadrius alexandrinus nivosus</i>	111.3
Rail, California Clapper	<i>Rallus longirostris obsoletus</i>	10.0
Rail, Light-footed Clapper	<i>Rallus longirostris levipes</i>	8.3
Shrike, San Clemente Loggerhead	<i>Lanius ludovicianus mearnsi</i>	1,320.0
Stork, Wood	<i>Mycteria americana</i>	117.5
Tern, California Least	<i>Sterna antillarum browni</i>	481.8
Towhee, Inyo California	<i>Pipilo crissalis eremophilus</i>	35.5
Vireo, Least Bell's	<i>Vireo bellii pusillus</i>	5.0
Woodpecker, Red-Cockaded	<i>Picoides borealis</i>	0.2
	SUBTOTAL: 2,169.9	
<u>Crustaceans</u>		
Shrimp, Riverside Fairy	<i>Stretocephalus woottoni</i>	10.0
Shrimp, San Diego Fairy	<i>Branchinecta sandiegoensis</i>	10.0
	SUBTOTAL: 20.0	
<u>Mammals</u>		
Bat, Indiana	<i>Myotis sodalis</i>	236.5
Kangaroo Rat, Fresno	<i>Dipodomys nitratoides exilis</i>	22.0
Kangaroo Rat, Stephens'	<i>Dipodomys stephensi</i>	17.9
Manatee, West Indian	<i>Trichechus manatus</i>	75.0
Mouse, Salt Marsh Harvest	<i>Reithrodontomys raviventris</i>	10.0
Rabbit, Lower Keys	<i>Sylvilagus palustris hefneri</i>	132.0
Whale, Right	<i>Balaena glacialis</i>	221.0
Wolf, Gray	<i>Canis lupus</i>	8.0
	SUBTOTAL: 722.4	
<u>Plants (sorted by scientific name)</u>		
San Clemente Island Indian Paintbrush	<i>Castilleja grisea</i>	32.0
Golden Paintbrush	<i>Castilleja levisecta</i>	10.0
Orcutt's Spineflower	<i>Chorizanthe orcuttiana</i>	20.3
Soft Bird's Beak	<i>Cordylanthus mollis ssp. Mollis</i>	10.0
San Diego Button-celery	<i>Eryngium aristulatum var parishii</i>	32.5
San Clemente Island Woodland Star	<i>Lithophragma maximum</i>	32.0
San Clemente Island Bush-mallow	<i>Malacothamnus clementinus</i>	5.3
Knieskern's Beaked-rush	<i>Rhynchospora knieskernii</i>	5.0
Santa Cruz Island Rock-cress	<i>Sibara filifolia</i>	32.0
	SUBTOTAL: 179.1	

(continued on next page)

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>FY 98 \$</u>
<u>Reptiles</u>		
Lizard, Flat-Tail Horned	<i>Phrynosoma mcallii</i>	42.0
Lizard, Island Night	<i>Xantusia riversiana</i>	7.5
Snake, Eastern Indigo	<i>Drymarchon corais couperi</i>	0.9
Tortoise, Desert	<i>Gopherus agassizii</i>	22.0
Turtle, Bog	<i>Clemmy muhlenbergii</i>	2.0
Turtle, Green Sea	<i>Chelonia mydas</i>	29.7
Turtle, Hawksbill Sea	<i>Eretmochelys imbricata</i>	14.3
Turtle, Kemp's (Atlantic) Ridley Sea	<i>Lepidochelys kempii</i>	3.0
Turtle, Leatherback Sea	<i>Dermochelys coriacea</i>	16.2
Turtle, Loggerhead Sea	<i>Caretta caretta</i>	19.5
	SUBTOTAL:	157.1
TOTAL (for 44 threatened and endangered species)		<u>\$3,248.5</u>

(by : cies)

[\$000]

Species - Common Name	MCRD Parris Island	MCAGCC 29 Palms	MCB Camp Lejeune	MCLB Barstow	MCB Hawaii	MCAS Pendleton	MCAS Beaufort	MCAS Yuma	MCLB Albany	MCAS Miramar	MCB Quantico	MCB Camp Pendleton	TOTAL
Baccharis, Encinitas										20.4			20.4
Brodies, Thread-leaf (newly listed)												51.6	51.6
Butterfly, Quino Checkerspot										0.5			0.5
Button-Celery, San Diego										24.3		95.4	119.7
Coot, Hawaiian					17								17
Duck, Hawaiian Koa					17								17
Eagle, bald	13.5											1	14.5
Flycatcher, southwestern willow						971.2						242.6	1213.8
Gallinule, Hawaiian					17								17
Gnatcatcher, coastal California										896.3		580.0	1456.3
loosestrife, rough leaved			104.9										104.9
Manzanita, Del Mar										20.4			20.4
Mesa -mint, San Diego										24.3			24.3
Monardella, willow										6.6			6.6
Mouse, Pacific pocket												105.0	105
Mussel, Dwarfwedge											6.4		6.4
Navaretia, spreading										4.7		95.4	100.1
Plover, western snowy												30.0	30
Pogonia, small whorled											10.6		10.6
Pondberry							1.7						1.7
Pronghorn, Sonoran								27					27
Rat, Stephens' kangaroo												45.0	45
Shrimp, Riverside fairy										0.9		43.8	44.7
Shrimp, San Diego fairy										29.5		44.0	73.5
Snake, eastern indigo									1				1
Spinflower, Orcutt's										20.4			20.4
Stilt, Hawaiian					112								112
Tern, California least												70.6	70.6
Thormint, San Diego										20.4			20.4
Toad, arroyo southwestern						110.2						372.6	482.8
Tortoise, desert		195		34				5					234
Tortoise, gopher									1				1
Turtle, loggerhead sea			52.1										52.1
Vireo, Least Bell's						971.2				12.7		339.0	1322.9
Woodpecker, red-cockaded			357										357
Total	13.5	195.0	514.0	34.0	163.0	2,052.6	1.7	32.0	2.0	1,081.4	18.0	2,095.0	6,202.2



DEPARTMENT OF THE AIR FORCE
WASHINGTON, DC



18 DEC 1998

MEMORANDUM FOR ASSISTANT DEPUTY UNDER SECRETARY OF DEFENSE
(ENVIRONMENTAL QUALITY)

FROM: HQ USAF/ILEV
1260 Air Force Pentagon
Washington, DC 20330-1260

SUBJECT: Annual Reporting of Threatened and Endangered Species Expenditures

The FY98 Air Force Threatened and Endangered Species Expenditure Report you requested is attached. We report a total of \$5,701.50K of expenses for the conservation and protection of federally listed threatened and endangered species on Air Force lands. If you or members of your staff have questions, please contact Dr. Douglas Ripley, HQ USAF/LEVP, phone 604-0632, e-mail: Douglas.Ripley@pentagon.af.mil.

TERESA R. POHLMAN
Chief, Environmental Division
DCS/Installations & Logistics

Attachment:
FY 98 T&E Species Expenditure Report

cc:
SAF/MIQ
HQ AFCEE/ECR

Threatened/Endangered Species Expenditures on Air Force Installations FY98

Installation	State	Species		Purpose	Programmed Amount (\$K)	Non-Programmed Amount (\$K)
		Account#	Species			
Air Force Academy	CO		Mouse, Preble's Meadow Jumping	Biology research	\$32.00	
			Mouse, Preble's Meadow Jumping	Field ecology research		\$50.00
Altus AFB	OK			Not attributed to individual T&E species		\$0.50
Anderson AFB	Guam	67	Crow, Mariana	Section 7 Consultation	\$12.00	
Andrews AFB	MD		Gerardia, Sandplain	Protection, expansion	\$5.00	
Arnold AFB	TN		Bat, Indiana	Survey and inventory	\$75.00	
			Bat, Gray	Population monitoring	\$5.00	
			Sunflower, Eggert's	Population monitoring	\$25.00	
			Sunflower, Eggert's	Habitat management	\$7.00	
			Sunflower, Eggert's	Research and Propagation	\$383.00	
Avon Park AFR	FL	136	Woodpecker, Red-Cockaded	Annual Census	\$100.00	
		136	Woodpecker, Red-Cockaded	Habitat management	\$46.00	
		83	Jay, Florida Scrub	Annual Census	\$70.00	
		83	Jay, Florida Scrub	Habitat management	\$37.00	
		116	Sparrow, Florida Grasshopper	Annual Census	\$51.00	
		116	Sparrow, Florida Grasshopper	Section 7 consultation	\$2.00	
		116	Sparrow, Florida Grasshopper	Evaluate impact from fire ants	\$15.00	
		71	Eagle, Bald	Habitat management	\$5.00	
Barksdale AFB	LA	71	Eagle, Bald	Habitat management	\$70.00	
Beale AFB	CA		Shrimp, Vernal Pool Fairy	Habitat management	\$20.00	
			Shrimp, Tadpole Fairy	Habitat management	\$20.00	
Buckley ANG	CO	72	Falcon, American Peregrine	Biological Assessment	\$50.00	
Cannon AFB	NM	71	Eagle, Bald	Population survey	\$50.00	
Cape Canaveral	FL	83	Jay, Florida Scrub	Project mitigation	\$170.00	
		160	Turtle, Green Sea	Baseline survey	\$60.00	
Castle	CA		Fairy Shrimp	Project mitigation	\$228.00	
Columbus AFB	MS			Not attributed to individual T&E species		\$0.50
Davis Monthan	AZ		Owl, Cactus Ferruginous Pygmy	Consultation		\$1.00
Edwards AFB	CA	156	Tortoise, Desert	Section 7 consultation	\$80.00	
		156	Tortoise, Desert	Project mitigation	\$335.00	
		156	Tortoise, Desert	Projects to support Sec. 7 consultation	\$360.00	

Threatened/Endangered Species Expenditures on Air Force Installations FY98

Installation	State	Species		Purpose	Programmed Amount (\$K)	Non-Programmed Amount (\$K)
		Account#	Species			
Eglin AFB	FL	136	Woodpecker, Red-Cockaded	Habitat protection & enhancement	\$216.00	
			Turtle, Green Sea	Habitat protection	\$17.50	
		160	Turtle, Loggerhead	Habitat protection	\$17.50	
		211	Darter, Okaloosa	Habitat protection	\$718.00	
Eilson AFB	AK	72	Falcon, American Peregrine	Mitigation study for delisting	\$36.00	
Elmendorf AFB	AK	72	Falcon, American Peregrine	Mitigation study for delisting	\$100.00	
Goldwater Range	AZ	8	Bat, Lesser long-nosed	Population monitoring	\$45.00	
		32	Pronghorn, Sonoran	Vegetation mapping	\$100.00	
		32	Pronghorn, Sonoran	Noise effects study	\$245.00	
Goodfellow AFB	TX			Not attributed to individual T&E species		\$0.50
HQ ACC	VA		Owl, Mexican Spotted	Consultation		\$30.00
			Owl, Mexican Spotted	Monitoring	\$50.00	
		71	Eagle, Bald	Monitoring	\$220.00	
			Flycatcher, Willow	Monitoring	\$220.00	
			Falcon, Aplomado	Monitoring	\$220.00	
		72	Falcon, Peregrine	Monitoring	\$220.00	
Holloman AFB	NM		Owl, Mexican Spotted	Consultation		\$10.00
Keesler AFB	MS			Not attributed to individual T&E species		\$0.50
Lackland AFB	TX			Not attributed to individual T&E species		\$0.50
Laughlin AFB	TX			Not attributed to individual T&E species		\$0.50
Little Rock AFB	AR			Not attributed to individual T&E species		\$0.50
Luke AFB	AZ			Not attributed to individual T&E species		\$0.50
Moody AFB	GA		Snake, Indigo	Habitat management	\$35.00	\$4.00
		71	Eagle, Bald	Habitat management	\$10.00	\$1.00
Nellis AFB	NV	156	Tortoise, Desert	Habitat management	\$50.00	
Patrick AFB	FL	160	Turtle, Green Sea	Population monitoring	\$20.00	
RAF Mildenhall	England			T&E Survey project	\$4.00	
Randolph AFB	TX			Not attributed to individual T&E species		\$0.50
Reese AFB	TX			Not attributed to individual T&E species		\$0.50
Seymour-Johnson AFB	NC	136	Woodpecker, Red-cockaded	Habitat management	\$235.00	
Shaw AFB	SC	136	Woodpecker, Red-cockaded	Habitat management	\$95.00	
		136	Woodpecker, Red-cockaded	Controlled burn	\$32.00	
		136	Woodpecker, Red-cockaded	Supplies	\$5.00	
		136	Woodpecker, Red-cockaded	Staff training	\$7.00	
		136	Woodpecker, Red-cockaded	Salary-RCW coordinator	\$40.00	



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
8725 JOHN J. KINGMAN ROAD, SUITE 2533
FORT BELVOIR, VIRGINIA 22060-6221

JAN 14 1999

IN REPLY
REFER TO

CAAE

MEMORANDUM FOR ASSISTANT DEPUTY UNDER SECRETARY OF DEFENSE
(ENVIRONMENTAL QUALITY), DUSD(ES)/EQ

SUBJECT: Annual Reporting of Threatened and Endangered Species Expenditures

This is in response to the DUSD(ES)/EQ memorandum of October 19, 1998, subject as above, requesting information on our FY 98 expenditures toward threatened and endangered species.

During FY 98, we spent \$50,000 on population recovery and habitat enhancement for the Palos Verdes blue butterfly (*Glaucopsyche lygdamus palosverdesensis*) at Defense Fuel Support Point San Pedro, California.

LTC Zia A. Mehr, USA, Staff Entomologist, is my point of contact for this issue. He can be reached at (703) 767-6245.


JAN B. REITMAN
Staff Director
Environmental and Safety Policy





DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

REPLY TO
ATTENTION OF:

Programs Management Division
Program Formulation and Evaluation Branch

27 MAY 1999

Mr. Richard Hannan
Acting Chief, Division of Endangered Species
Fish and Wildlife Service
U. S. Department of the Interior
Washington, D. C. 20240

Dear Mr. Hannan:

Enclosed, in response to your director's letter of March 31, 1999, is a table providing the U. S. Army Corps of Engineers' input to the annual survey of the U. S. Fish and Wildlife Service on expenditures to implement the Endangered Species Act.

The table is modeled after the working template provided by Ms. Susan Jacobsen, addressing the 15 groups and 1,166 species currently covered under the Endangered Species Act (ESA). It shows estimated expenditures made by the Corps under the Direct Civil Works Program for implementation of the ESA in Fiscal Year 1998.

The table is also available electronically. If you want it that way, or have any questions about the input, please contact Jack Jurentkuff, (202) 761-4955.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas F. Caver, Jr.", with a long horizontal flourish extending to the right.

Thomas F. Caver, Jr.
Chief, Programs Management Division
Directorate of Civil Works

Enclosure

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS CIVIL WORKS
DIRECT PROGRAM

FY98 EXPENDITURES TO IMPLEMENT THE ENDANGERED SPECIES ACT
(\$K)

Region	Group	Invited Common Name	Status	Corps Division																																
				LRD			SPD			MAD			MSD			POD			SAD			SPD			SWD			Corps								
				General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total						
3	A	Bat, gray	E	3.7		3.7			0.0		0.0			0.0		0.0			0.0		0.5		0.5			0.0		0.0		10.0		10.0		20.7		20.7
1	A	Bat, Hoopline hairy	E			0.0			0.0		0.0			0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
3	A	Bat, Indiana	E	2.0		2.0			0.0		0.0			0.0		0.0			0.0		1.5		1.5			0.0		0.0		10.0		10.0		20.0		20.0
7	A	Bat, lesser long-eared	E			0.0		17.9		17.9				0.0		0.0			0.0		0.0		4.0		4.0		10.0		10.0		27.6		27.6		27.6	
1	A	Bat, Little Mariana fruit	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bat, Mariana fruit	E			0.0				0.0				0.0		0.0			0.0		2.6		2.6			0.0		0.0		0.0		2.6		2.6		2.6
2	A	Bat, Mexican long-eared	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
2	A	Bat, Ozark long-eared	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		10.0		10.0		10.0		10.0
6	A	Bat, Virginia long-eared	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
8	A	Beaver, gipsy	T			0.0				0.0			2.0		2.0				0.0		0.0		0.0			0.0		0.0		0.0		2.0		2.0		2.0
4	A	Beaver, Louisiana black	T			0.0		73.5		73.5				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		73.5		73.5		73.5
1	A	Bobolink, woodland	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
6	A	Booby, eastern	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Booby, Cuban white-tailed	E			0.0				0.0			10.7		10.7				0.0		0.0		0.0			0.0		0.0		0.0		10.7		10.7		10.7
4	A	Booby, lay	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
8	A	Bonaparte, black-headed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		1.0		1.0		1.0
1	A	Bonaparte, San Joseph lit	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
2	A	Bonaparte, jaguar	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
2	A	Bonaparte, jaguarundi	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		10.0		10.0		10.0
2	A	Bonaparte, jaguarundi	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bonaparte, red-tailed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bonaparte, red-tailed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bonaparte, red-tailed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bonaparte, red-tailed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bonaparte, red-tailed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
1	A	Bonaparte, red-tailed	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		2.3		2.3			0.0		0.0		0.0		2.3		2.3		2.3
1	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E			0.0				0.0				0.0		0.0			0.0		0.0		0.0			0.0		0.0		0.0		0.0		0.0		0.0
4	A	Bonaparte, West Indian (Florida)	E																																	

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Region	Group	Invertebrate Common Name	Status	Corps Divisions																									
				LRD			NRD			MND			POD			SAD			SPD			SWD			Corps				
				General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total		
N	A	Owl, Hawaiian monk	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	A	Sheep, bighorn (Peninsular Ranges esp. in CA)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
S	A	Shrew, Dorsal Shrewy southeastern	T			0.0			10.0			10.0			0.0			0.0			3.2			3.2	0.0	13.0	0.0	13.0	
4	A	Squirrel, Carolina northern flying	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
S	A	Squirrel, Delmarva Peninsula tree	E			0.0			4.0			4.0			0.0			0.0			0.0			0.0	4.0	0.0	4.0		
2	A	Squirrel, Mount Graham red	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
S	A	Squirrel, Virginia northern flying	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	A	Vole, Arizonian	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	A	Vole, Florida salt marsh	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
2	A	Vole, Madagascan	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
N	A	Whale, blue	E			0.0			0.0	2.0		2.0			0.0			0.0			0.0			1.0	1.0	2.0	3.0		
N	A	Whale, bowhead	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
N	A	Whale, humpback	E			0.0	0.5		0.5	2.0		2.0			0.0			0.0			0.0			1.0	1.0	3.0	3.5		
N	A	Whale, gray	E			0.0			0.0	2.0		2.0			0.0			0.0			0.0			0.0	2.0	0.0	2.0		
N	A	Whale, humpback	E			0.0	0.5		0.5	1.2		1.2	2.0		2.0			0.0			0.0			1.0	1.0	4.7	4.7		
N	A	Whale, right	E			0.0	0.5		0.5	24.0		24.0	2.0		2.0			0.0			107.0			107.0	1.0	1.0	126.0	126.0	
N	A	Whale, star	E			0.0	0.5		0.5	0.0		0.0	2.0		2.0			0.0			0.0			1.0	1.0	3.0	3.5		
N	A	Whale, sperm	E			0.0	0.5		0.5	0.0		0.0	2.0		2.0			0.0			0.0			1.0	1.0	3.0	3.5		
S	A	Wet, gray	E,T			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	A	Wet, red	E			0.0			0.0	0.0		0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	A	Woodrat, Key Largo	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Hornet (Paracyrtop)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Mud (Paracyrtop)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Mud (Paracyrtop)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Mud (Paracyrtop)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	B	Wasp, yellow-throated	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
2	B	Wasp, masked (just)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Queen	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	B	Wasp, Ashmead's crested	T			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, California	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Hawaiian (* also in site 4)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	B	Wasp, Mississippi sandhill	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
2	B	Wasp, whorling	E			0.0	0.0		0.0			0.0	1.0		1.0			0.0			0.0			3.0	3.0	3,100.0	3,100.0	3,105.0	3,105.0
I	B	Wasp, Hornet	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Masked (Mississippi)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Ohio (Mississippi)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Hawaiian (* also in site 4)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Missouri	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
4	B	Wasp, white-necked	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
7	B	Wasp, Curlew	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
1	B	Wasp, Hawaiian (Mississippi)	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
I	B	Wasp, Laysan	E			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0		
S	B	Eagle, bald	T	11.3		11.3	20.0		20.0	12.0		12.0	00.0	2.0	00.0			0.0			04.4			12.0	12.0	70.0	70.0	272.7	272.7
7	B	Eagle, woodpecker	T			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0	0.0	
7	B	Eagle, Golden	T			0.0			0.0			0.0			0.0			0.0			0.0			0.0	0.0	0.0	0.0	0.0	
1	B	Falcon, American peregrine	E	29.1		29.1	1.0		1.0	00.0		00.0	11.0		11.0			0.0			1.0			0.0	0.0	2.0	2.0	130.7	130.7

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**FY98 EXPENDITURES TO IMPLEMENT THE ENDANGERED SPECIES ACT
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Region	Group	Involved Common Name	Status	Corps Divisions																											
				LMD			MVD			NPD			HND			POD			SMD			SPD			SRD			Corps			
				General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	
2	B	Falcon, northern aplomado	E			00			00			00			00			00			00	1.0		1.0	1.0			1.0	2.0	00	2.0
1	B	Finch, Laysan (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Finch, Nihou (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
2	B	Flycatcher, andrewsian yellow	E			00			00			00			00			00			00	503.0		503.0			00	503.0	00	503.0	
1	B	Gnatcatcher, coastal California	T			00			00			00			00			00			00	100.0		100.0			00	100.0	00	100.0	
7	B	Osprey, Audubon Canada	T			00			00	2.0		2.0			00			00			00	3.0		3.0			00	3.0	00	3.0	
1	B	Osprey, Hawaiian (osprey)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Hawk, Hauden (hawk)	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Hawk, Hauden (hawk)	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Hawk, Puerto Rican broad-winged	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Hawk, Puerto Rican sharp-shinned	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Paracycrops, crested (r. albatross)	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Jay, Florida scrub	T			00			00			00			00			00			00	44.0		44.0			00	44.0	00	44.0	
1	B	Kingfisher, Queen Maudronian	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Kite, Swainson's	E			00			00			00			00			00			00	60.3		60.3			00	60.3	00	60.3	
1	B	Mallard, Mariana	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Megapode, Maudronian (La Perouse's)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Melospiza, Nihou (old world warbler)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Melospiza, Trian (old world flycatcher)	T			00			00			00			00			00			00			00			00	00	00	00	
1	B	Melospiza, Hawaiian common	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Melospiza, Mariana common	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Murrelet, marbled	T			00			00	4.0		4.0			00			00			00			00			00	4.0	00	4.0	
4	B	Nighthawk, Puerto Rican	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Noddy (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	O's, Kaul (r. o's r. o's) (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	O's (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
2	B	Owl, Mexican spotted	T			00			00			00			00			00			00			00			00	00	00	00	
1	B	Owl, northern spotted	T			00			00	2.0		2.0			00			00			00			00			00	2.0	00	2.0	
1	B	Pallas (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Parrot, Puerto Rican	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Parrotlet, Maui (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Pelican, brown	E			00	00		00			00	2.0		2.0			00			00			00	2.0		2.0	1.0	1.0	00	2.0
1	B	Petrel, Hawaiian dark-rumped	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Pigeon, Puerto Rican stan	E			00			00			00			00			00			00			00			00	00	00	00	
3	B	Plover, piping	E,T			00	1.0		1.0	707.0		707.0	201.0		201.0			00	47.0		47.0	4.0		4.0	141.0		141.0	1,187.0	00	1,187.0	
1	B	Plover, western snowy	T			00			00			00	1.0		1.0			00			00			00			00	00	00	00	
1	B	Pheasant (Paracycrops)	E			00			00			00			00			00			00			00			00	00	00	00	
2	B	Pintail, Alexander's greater	E			00			00			00			00			00			00			00			00	00	00	00	
2	B	Pygmy-owl, cactus ferruginous	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Red, California cleaver	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Red, Guam	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Red, light-bellied cleaver	E			00			00			00			00			00			00			00			00	00	00	00	
2	B	Red, Yuma cleaver	E			00			00			00			00			00			00			00			00	00	00	00	
1	B	Shoveler, Newell's Townsend's (formerly Man)	T			00			00			00			00			00			00			00			00	00	00	00	
1	B	Sparrow, San Clemente leucophaea	E			00			00			00			00			00			00			00			00	00	00	00	
4	B	Sparrow, Cape Sable seaside	E			00			00			00			00			00			00			00			00	372.0	00	372.0	
4	B	Sparrow, Florida grasshopper	E			00			00			00			00			00			00			00			00	00	00	00	

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Region	Group	Invertebrate Common Name	Status	Corps Divisions																												
				LMD			MWD			MND			MWD			POD			SAD			SPD			SWD			Corps				
				General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total		
2	C	Turtle, hawksbill sea (nearby)	E			0.0	32.5	32.5	13.0		13.0				0.0			11.0		11.0				0.0	12.0		12.0	00.1	0.0	00.1		
2	C	Turtle, Karro's ridley sea	E			0.0	32.5	32.5	20.0		20.0	0.5		0.5			32.0		32.0				0.0	24.0		24.0	127.0	0.0	127.0			
2	C	Turtle, leatherback sea	E			0.0	32.5	32.5	13.0		13.0	1.0		1.0			11.0		11.0				0.0	13.0		13.0	70.3	0.0	70.3			
2	C	Turtle, loggerhead sea	T			0.0	32.5	32.5	104.0		104.0	0.0		0.0			0.0	434.2		434.2				0.0	30.0		30.0	004.2	0.0	004.2		
2	C	Turtle, olive ridley sea	E,T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
0	C	Turtle, Plymouth rockfish (rock-bottom)	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	C	Turtle, ringed map (rock-bottom)	T			0.0		0.0			0.0			0.0			7.5		7.5				0.0	0.0		0.0	7.0	0.0	7.0			
4	C	Turtle, yellow-matched map (rock-bottom)	T			0.0		0.0			0.0			0.0			47.0		47.0				0.0	0.0		0.0	47.0	0.0	47.0			
1	C	Whiptail, (whiptail racer) Atlantic	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	D	Carp, golden	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	D	Frog, California red-legged	T			0.0		0.0			0.0			0.0											25.0		25.0	0.0	25.0	0.0	25.0	
4	D	Quail	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	D	Salamander, Barton Springs	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
0	D	Salamander, Chest Mountain	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	D	Salamander, desert slender	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	D	Salamander, Red Hills	T			0.0		0.0			0.0			0.0			40.0		40.0				0.0	0.0		0.0	40.0	0.0	40.0			
2	D	Salamander, San Marcos	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	D	Salamander, Santa Cruz long-toed	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
0	D	Salamander, Shenandoah	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	D	Salamander, Shenandoah	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	D	Salamander, Texas blind	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	D	Toad, Arroyo south-western	E			0.0		0.0			0.0			0.0											120.0		120.0	0.0	120.0	0.0	120.0	
2	D	Toad, Houston	E			0.0		0.0			0.0			0.0											0.0		0.0	0.0	0.0	0.0		
4	D	Toad, Puerto Rican crested	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
0	D	Toad, Wyoming	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	E	Catfish, Yazo	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	E	Catfish, Alabama	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	E	Catfish, Clark	T			0.0		0.0			0.0			0.0												1.0		1.0	1.0	0.0	1.0	
0	E	Chub, bonytail	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	E	Chub, Santa Lake	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	E	Chub, Chinle	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
0	E	Chub, Humphreys	E			0.0		0.0			0.0			0.0											12.0		12.0	0.0	12.0	0.0	12.0	
1	E	Chub, Hudson	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	E	Chub, Mahone bl	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	E	Chub, Oregon	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	E	Chub, Owens bl	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	E	Chub, Palomares roundtail (roundtail)	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	E	Chub, slender	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	E	Chub, Sonora	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	E	Chub, spottail (Humboldt shiner)	T			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
0	E	Chub, Virgin River	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
2	E	Chub, Yagul	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
1	E	Carp	E			0.0		0.0			0.0			0.0												12.0		12.0	0.0	12.0	0.0	12.0
1	E	Dace, Ash Meadows speckled	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		
4	E	Dace, blackside	T			7.0		7.0			0.0			0.0														0.0	0.0	0.0		
1	E	Dace, Claver valley speckled	E			0.0		0.0			0.0			0.0														0.0	0.0	0.0		

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				LRD			BYD			NAD			NRD			POD			SAD			SPD			SWD			Total		
				General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total	General	Land	Total
1	E	Dace, desert	T			00			00			00			00			00			00			00			00	00	00	00
1	E	Dace, Feather spotted	T			00			00			00			00			00			00			00			00	00	00	00
1	E	Dace, Independence Valley spotted	E			00			00			00			00			00			00			00			00	00	00	00
0	E	Dace, Kendall Warm Springs	E			00			00			00			00			00			00			00			00	00	00	00
1	E	Dace, Mescal	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Darter, sand	E			00			00			00			00	02		02			00			00			00	02	00	02
4	E	Darter, bayou	T			00			00			00			00			00			00			00			00	00	00	00
4	E	Darter, blueback (spiral)	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Darter, bluefin (HSB River)	E	2		20			00			00			00			00			00			00			00	20	00	20
4	E	Darter, Charcoal	T			00			00			00			00	03		03			00			00			00	03	00	03
4	E	Darter, duskyfin	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Darter, Spanish	E			00			00			00			00	02		02			00			00			00	02	00	02
2	E	Darter, fourfin	E			00			00			00			00			00			00			00			00	20	00	20
4	E	Darter, gulfstream	T			00			00			00			00	02		02			00			00			00	02	00	02
2	E	Darter, leopard	T			00			00			00			00			00			00			00			00	10	00	10
6	E	Darter, Maryland	E			00			00			00			00			00			00			00			00	00	00	00
3	E	Darter, Nangua	T			00			00			00	50		00			00			00			00			00	00	00	00
4	E	Darter, Okaloosa	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Darter, roset	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Darter, stockwater	T	2		20			00			00			00			00			00			00			00	20	00	20
4	E	Darter, steel	T	2		20			00			00			00			00			00			00			00	20	00	20
4	E	Darter, watertrout	E			00			00			00			00	02		02			00			00			00	02	00	02
2	E	Dorbass, Big Bend	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Dorbass, Char Creek	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Dorbass, Peace	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Dorbass, San Marcos	E			00			00			00			00			00			00			00			00	00	00	00
1	E	Doby, Silver	E			00			00			00			00			00			00			00			00	200	00	200
4	E	Logperch, Conasauga	E			00			00			00			00	02		02			00			00			00	02	00	02
6	E	Logperch, Roanoke	E			00			00			00			00	702		702			00			00			00	702	00	702
0	E	Madtom, Neosho	T			00			00			00	50		00			00			00			00			00	200	00	200
4	E	Madtom, pygmy	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Madtom, white	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Madtom, brook	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Madtom, yellowfin	T			00			00			00			00			00			00			00			00	00	00	00
2	E	Mudminnow, least	T			00			00			00			00			00			00			00			00	10	00	10
2	E	Mudminnow, Rio Grande silvery	E			00			00			00			00			00			00			00			00	470	00	470
1	E	Pumpkin, Fawn	E			00			00			00			00			00			00			00			00	00	00	00
1	E	Pumpkin, Ash Meadows Arroyo	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Pumpkin, Camanche Springs	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Pumpkin, desert	E			00			00			00			00			00			00			00			00	00	00	00
1	E	Pumpkin, Devils Hole	E			00			00			00			00			00			00			00			00	00	00	00
2	E	Pumpkin, Lost Springs	E			00			00			00			00			00			00			00			00	00	00	00
1	E	Pumpkin, Owens	E			00			00			00			00			00			00			00			00	00	00	00
1	E	Pumpkin, Warm Springs	E			00			00			00			00			00			00			00			00	00	00	00
4	E	Salmon, chinook, Sacramento R. winter run	T			00			00			00	400		400			00			00			00			00	120	00	120
4	E	Salmon, chinook, Snake R. fall run	T			00			00			00	17,001		17,001			00			00			00			00	17,001		17,001

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				LRD			MYD			HSD			NRD			POD			SAD			SPD			BWD		Total						
				General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total			
N	E	Salmon, chinook, Snake R spring/summer run	T			0.0			0.0			0.0	17,801.1	800.0	18,601.1			0.0			0.0			0.0			0.0			0.0	17,801.1	800.0	18,601.1
N	E	Salmon, coho	T			0.0			0.0			0.0	17,800.0	800.0	18,600.0			0.0			0.0			0.0			0.0			0.0	17,800.0	800.0	18,600.0
N	E	Salmon, sockeye (wad, Mutchick), Snake R	E			0.0			0.0			0.0	17,770.0	800.0	18,570.0			0.0			0.0			0.0			0.0			0.0	17,770.0	800.0	18,570.0
4	E	Shoals, pygmy	T			0.0			0.0			0.0			0.0			0.2		0.2			0.0			0.0			0.0	0.2	0.0	0.2	
2	E	Shoal, beautiful	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
4	E	Shoal, blue	T			0.0			0.0			0.0			0.0			0.2		0.2			0.0			0.0			0.0	0.2	0.0	0.2	
4	E	Shoal, Catalina	E			0.0			0.0			0.0			0.0			0.2		0.2			0.0			0.0			0.0	0.2	0.0	0.2	
4	E	Shoal, Cape Fear	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
4	E	Shoal, Palosara	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
2	E	Shoal, Peace Northwest	T			0.0			0.0			0.0			0.0			0.0		4.0		4.0			0.0		4.0			0.0	4.0	0.0	4.0
4	E	Shoals, Wiccanaw	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Small, delta	T			0.0			0.0			0.0			0.0			0.0		12.0		12.0			0.0		12.0			0.0	12.0	0.0	12.0
2	E	Stardisco	T			0.0			0.0			0.0			0.0			0.0		1.0		1.0			0.0		1.0			0.0	1.0	0.0	1.0
1	E	Stardisco, Big Spring	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
2	E	Stardisco, Little Colorado	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Stardisco, White River	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Springfish, Hilo White River	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Springfish, Railroad Valley	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Springfish, White River	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
0	E	Sturgeon, Colorado	E			0.0			0.0			0.0			0.0			0.0		18.0		18.0			0.0		18.0			0.0	18.0	0.0	18.0
N	E	Sturgeon (central CA coast)	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
N	E	Sturgeon (Central Valley CA)	T			0.0			0.0			0.0			0.0			0.0		1.0		1.0			0.0		1.0			0.0	1.0	0.0	1.0
N	E	Sturgeon (lower Colorado R)	T			0.0			0.0			0.0	17,780.2		17,780.2			0.0		0.0			0.0			0.0			0.0	17,780.2	0.0	17,780.2	
N	E	Sturgeon (Snake R Basin)	T			0.0			0.0			0.0	17,770.1	800.0	18,570.1			0.0		0.0			0.0			0.0			0.0	17,770.1	800.0	18,570.1	
N	E	Sturgeon (south central CA coast)	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
N	E	Sturgeon (southern CA coast)	E			0.0			0.0			0.0	17,720.6		17,720.6			0.0		0.0			0.0			0.0			0.0	17,720.6	0.0	17,720.6	
N	E	Sturgeon (upper Colorado R Basin)	E			0.0			0.0			0.0	181.0		181.0			0.0		0.0			0.0			0.0			0.0	181.0	0.0	181.0	
1	E	Sturgeon, unarmored (Pecos/Rio)	E			0.0			0.0			0.0	100.0		100.0			0.0		100.0		100.0			0.0		100.0			0.0	100.0	0.0	100.0
4	E	Sturgeon, Gulf	T			0.0	1.0	1.0	0.0			0.0			0.0			0.0	1.0	1.0			0.0			0.0			0.0	1.0	0.0	1.0	
0	E	Sturgeon, Gulf	E			0.0	86.0	86.0	0.0			0.0	387.0		387.0			0.0		0.0			0.0			0.0			0.0	473.0	0.0	473.0	
N	E	Sturgeon, shortnose	E			0.0			200.0			200.0			200.0			40.2		40.2			0.0			0.0			0.0	240.2	0.0	240.2	
1	E	Sturgeon, white (Klamath River pop)	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
0	E	Sucker, blue	E			0.0			0.0			0.0	10.0		10.0			0.0		0.0			0.0			0.0			0.0	10.0	0.0	10.0	
1	E	Sucker, Lost River	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Sucker, Mastic	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
0	E	Sucker, razorback	E			0.0			0.0			0.0			0.0			0.0		16.0		16.0			0.0		16.0			0.0	16.0	0.0	16.0
1	E	Sucker, shortnose	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Sucker, Warner	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
2	E	Tasmanian, Otis (and Yamb)	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
2	E	Treat, Apache (Mojave)	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Treat, bull (Colorado R pop)	T			0.0			0.0			0.0	222.0		222.0			0.0		0.0			0.0			0.0			0.0	222.0	0.0	222.0	
1	E	Treat, bull (Klamath R pop)	E			0.0			0.0			0.0	25.0		25.0			0.0		0.0			0.0			0.0			0.0	25.0	0.0	25.0	
1	E	Treat, bull (Klamath R pop)	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
2	E	Treat, Otis	E			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
0	E	Treat, grasshopper cutthroat	T			0.0			0.0			0.0			0.0			0.0		0.0			0.0			0.0			0.0	0.0	0.0	0.0	
1	E	Treat, Lahontan cutthroat	T			0.0			0.0			0.0			0.0			0.0		12.0		12.0			0.0		12.0			0.0	12.0	0.0	12.0

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Region	Group	Inverted Common Name	Status	Corps Divisions																				Corps						
				LRD			MVD			MAD			NRD			POD			SAD			SPD			SWD			General	Lands	Total
				General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total			
1	0	Springwell, Bureau Hill	E			00			00			00			00			00			00			00			00	00	00	00
1	0	Springwell, Mine	E			00			00			00	02		02			00			00			00			00	02	00	02
2	0	Springwell, Sucro	E			00			00			00			00			00			00			00			00	00	00	00
2	1	Steele, Canal Springs (R/R)	E			00			00			00			00			00			00			00			00	00	00	00
2	1	Steele, Canal Springs (dykes)	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, Bolivar's silverwing	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, collared silverwing	E			00			00			00			00			00			00			00			00	00	00	00
0	1	Steele, American burying (cigar case)	E			00			00			00			00			00			00			00	100		100	100	00	100
2	1	Steele, Coffin Cave nest	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Steele, delta green ground	T			00			00			00			00			00			00			00			00	00	00	00
2	1	Steele, Hangerford's crawling water	E			00			00			00			00			00			00			00			00	00	00	00
2	1	Steele, Ketchikaner Cave nest	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Steele, Mount Herman Junc	E			00			00			00			00			00			00			00			00	00	00	00
0	1	Steele, northeastern beach tiger	T			00			100			100			00			00			00			00			00	100	00	100
0	1	Steele, Puritan tiger	T			00			00			00			00			00			00			00			00	00	00	00
2	1	Steele, Tooth Cave ground	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Steele, valley asterberry bryoph	T			00			00			00			00			00			100			100			00	100	00	100
1	1	Stellarly, bay checkerspot	T			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, B Segments blue	E			00			00			00			00			00			00			00			00	00	00	00
2	1	Stellarly, Kerner blue	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, Lange's redstart	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, lake blue	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, mission blue	E			00			00			00			00			00			00			00			00	00	00	00
2	1	Stellarly, Mitchell's satyr	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, Myrtle's silverwing	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, Oregon silverwing	T			00			00			00	00		00			00			00			00			00	00	00	00
1	1	Stellarly, Pales Vented blue	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, Quins checkerspot	E			00			00			00			00			00			400			400			00	400	00	400
4	1	Stellarly, Saint Francis' satyr	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, San Bruno elfin	E			00			00			00			00			00			00			00			00	00	00	00
4	1	Stellarly, Scheus woodward	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Stellarly, Swain's blue	E			00			00			00			00			00			00			00			00	00	00	00
0	1	Stellarly, Uncompahgre Military	E			00			00			00			00			00			00			00			00	00	00	00
2	1	Dragonfly, Hays' (OH) swordtail	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Fly, Delta Sands flower-loving	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Grasshopper, Zayante band-winged	E			00			00			00			00			00			00			00			00	00	00	00
1	1	Wasp, Nam pitreous sphe	T			00			00			00			00			00			00			00			00	00	00	00
1	1	Wasp, Ash Meadows	T			00			00			00			00			00			00			00			00	00	00	00
1	1	Wasp, Laguna Mountains	E			00			00			00			00			00			00			00			00	00	00	00
0	1	Wasp, Pecos mountains	T			00			00			00			00			00			00			00			00	00	00	00
2	J	Harvestman, Bas Creek Cave	E			00			00			00			00			00			00			00			00	00	00	00
2	J	Harvestman, Bare Cave	E			00			00			00			00			00			00			00			00	00	00	00
2	J	Parulid, Tooth Cave	E			00			00			00			00			00			00			00			00	00	00	00
4	J	Spider, spino-ly moss	E			00			00			00			00			00			00			00			00	00	00	00
2	J	Spider, Tooth Cave	E			00			00			00			00			00			00			00			00	00	00	00
0	K	Amphibian, Hays' Spring	E			00			00			00			00			00			00			00			00	00	00	00

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Region	Group	Inverted Common Name	Status	Corps Division																											
				LRB			MWD			NWD			NWD			POC			SAD			SPD			SWD			Corps			
				General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	
3	K	Amphibol. Illinois cave	E			00			00			00			00			00			00			00			00			00	
2	K	Amphibol. Peck's cave	E			00			00			00			00			00			00			00			00	00	00	00	
4	K	Crayfish, cave (no common name)	E			00			00			00			00			00			00			00			00	00	00	00	
4	K	Crayfish, cave (no common name)	E			00			00			00			00			00			00			00			00	00	00	00	
4	K	Crayfish, Nashville	E			00			00			00			00			00			00			00			00	00	00	00	
1	K	Crayfish, Shasta (yellow)	E			00			00			00			00			00			00			00			00	00	00	00	
1	K	Fairy shrimp, Conservancy	E			00			00			00			00			00			00			00			120	120	00	120	
1	K	Fairy shrimp, Loughran	E			00			00			00			00			00			00			00			00	00	00	00	
7	K	Fairy shrimp, Nevada	E			00			00			00			00			00			00			00			00	00	00	00	
1	K	Fairy shrimp, San Diego	E			00			00			00			00			00			00			00			100	100	00	100	
1	K	Fairy shrimp, vernal pool	T			00			00			20			20			00			00			140			140	00	100	00	100
6	K	Isopod, Lee County cave	E			00			00			00			00			00			00			00			00	00	00	00	
6	K	Isopod, Madison Cave	T			00			00			00			00			00			00			00			00	00	00	00	
2	K	Isopod, Secora	E			00			00			00			00			00			00			00			00	00	00	00	
4	K	Shrimp, Alabama cave	E			00			00			00			00			00			00			00			00	00	00	00	
1	K	Shrimp, California freshwater	E			00			00			00			00			00			00			120			120	00	120	00	120
4	K	Shrimp, Kentucky cave	E			00			00			00			00			00			00			00			00	00	00	00	
4	K	Shrimp, Saural Chermay Cave (#Florida cave)	T			00			00			00			00			00			00			00			00	00	00	00	
1	K	Tadpole shrimp, vernal pool	E			00			00			00			00			00			00			140			140	00	140	00	140
1	Q	Amblyopon ornithogalum (#Sci name)	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Amblyopon sandhicensis (#Sci name)	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Achyrocline multica (#Sci name)	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Ae	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Ae	E			00			00			00			00			00			00			00			00	00	00	00	
2	Q	Agave, Arizona	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Asteriscus, papula	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster, Eva Plains	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E			00			00			00			00			00			00			00			00	00	00	00	
1	Q	Aster	E																												

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				LND			MYD			NND			NRD			POD			SND			SPD			SWD			General	Lands	Total
				General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total	General	Lands	Total			
1	Q	Cyrene maculata (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Cyrene unilobata (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
2	Q	Cyclotenia Jones	T			00			00			00			00			00			00			00			00	00	00	00
3	Q	Daisy Islandia	T			00			00			00			00			00			00			00			00	00	00	00
8	Q	Daisy, Maguin	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Daisy, Parola's	T			00			00			00			00			00			00			00			00	00	00	00
4	Q	Daphnopsis heterone (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
2	Q	Dawn-River, Texas arane	E			00			00			00			00			00			00			00	140	140	140	00	00	140
1	Q	Dolops rhombosperma (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dolops unilobata (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
2	Q	Dryadid, ash	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Dryopter, Carly's	E			00			00			00			00			10	10	00			00			00	10	00	10	00
1	Q	Dubautia latifolia (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dubautia pauciflora (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dulley's, Corals	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dulley's, Marzessart	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dulley's, Santa Clara Valley	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dulley's, Santa Cruz Island	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dulley's, Volby's	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dulley's, Santa Monica Mountains	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Dwarf-Ace, Marsh	T			00			00			00			00			00			00			00			00	00	00	00
4	Q	Euble	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Eugenia vesaliayana (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Everang-entrance, Antioch Dunes	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Everang-entrance, Curvite Valley	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Everang-entrance, San Berns	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Falderson, Large-Saward	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Falderson, Pine Hill	E			00			00			00			00			00			00			00			00	00	00	00
2	Q	Falderson, Ribbons	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Fair-er-lack, MacP arena's	E			00			00			01			01			00			00			00			01	00	01	00
2	Q	Franklin, Johnson's	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Fringed (Haceous), Santa Cruz Island	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Gahria lanterna (+Sci name)	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Gardner, Hawaiian (no sc)	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Garrigan minimum (+Sci name)	T			00			00			10			10			00			00			00			10	00	10	00
1	Q	Gardner, Hawaiian red-Saward	E			00			00			00			00			00			00			00			00	00	00	00
8	Q	Gardner, sandston	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Gardner's pascifera (+Sci name)	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Gila, Hallmark's slender-Saward	E			00			00			00			00			00			00			00			00	00	00	00
1	Q	Gila, Monterey	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Gilroy, beautiful (prehistory)	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Gilroy, Blue Ridge	T			00			00			00			00			00			00			00			00	00	00	00
2	Q	Gilroy, Houghton's	T			00			00			00			00			00			00			00			00	00	00	00
4	Q	Gilroy, Short's	E			00			00			00			00			00			00			00			00	00	00	00
4	Q	Gilroy, white-haired	T			00			00			00			00			00			00			00			00	00	00	00
1	Q	Gilroy, Suter's	E			00			00			00			00			00			00			00			00	00	00	00



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

ENVIRONMENT, FISH AND WILDLIFE

May 14, 1999

In reply refer to: KEW-4

Ms. E. LaVerne Smith
United States Department of the Interior
Fish and Wildlife Service
Division of Endangered Species – MS: 452ARLSQ
Washington, DC 20240

Dear Ms. Smith:

As requested by your office and outlined in the Endangered Species Act (ESA) Amendments of 1988, the Bonneville Power Administration (BPA) is providing to you a list of expenditures relating to the ESA listed species for Fiscal Year (FY) 1998. The ESA expenditures for FY 1998 include four (4) listed species. These species are the Redfish Lake (Snake River) Sockeye, the Snake River Spring/Summer Chinook, the Snake River Fall Chinook, and the Kootenai River Sturgeon. Where possible, these expenses are shown by species and in many cases benefit all of the species listed by BPA. The net power purchase/foregone revenues costs associated with hydro operations (spill, flow augmentation, water budget and reservoir levels) are estimates at this time because detailed analysis of these costs has not yet been completed. The hydro operations costs are based on the average of fifty (50) water years and are distributed between the two categories of Chinook listed below based on a 50/50 split to reflect the assumed benefits both species of Chinook receive. These costs include both those expenditures specifically mandated by ESA and also those expenditures that, while not specifically mandated, are intended to assist in the recovery of ESA listed species.

Bonneville Power Administration
ESA Related Direct Fish and Wildlife Funding
(Dollars in Millions – Budget Outlays)
Fiscal Year 1998

Snake River Spring/Summer Chinook	
Law Enforcement benefiting Chinook	\$0.2
Coded wire tagging Chinook	\$0.5
Snake River Chinook Projects	\$3.2
*Squawfish research and removal	<u>\$1.4</u>
	SUBTOTAL \$5.3
Net Power Purchases/Foregone Revenues	
MOA Actuals	<u>\$92.0</u>
	TOTAL <u>\$97.3</u>

Snake River Fall Chinook	
Law Enforcement benefiting Chinook	\$0.2
Coded wire tagging Chinook	\$0.5
Snake River Chinook Projects	\$3.2
*Squawfish research and removal	\$1.4
	<i>SUBTOTAL</i> \$5.3
Net Power Purchases/Foregone Revenues	
MOA Actuals	\$92.0
	<i>TOTAL</i> \$97.3
Redfish Lake/Snake River Sockeye	
Research benefiting Sockeye	\$1.8
Law Enforcement benefiting Sockeye	\$0.2
	<i>TOTAL</i> \$2.0
Kootenai River Sturgeon	
Sturgeon Projects	\$3.5
	<i>TOTAL</i> \$3.5

GRAND TOTAL ESA Outlays for Fiscal Year 1998	\$200.1
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*denotes activities that benefited all three listed species

If there is a need for further clarification or additional information, please contact Mr. Rollie Sivyer of the Environment, Fish and Wildlife Group at (503) 230-4210.

Sincerely,



D. Robert Lohn
Director for Fish and Wildlife



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240



IN REPLY REFER TO:

Environmental & Cultural
Management Resources
Code 204

OCT 27 1999

Ms. Jamie Rappaport-Clark, Director
U.S. Fish and Wildlife Service
Department of the Interior
1849 C Street, N.W., Room 3012
Washington, D.C. 20240

Dear Ms. Rappaport-Clark,

Enclosed you will find a list of Bureau of Indian Affairs' expenditures for Fiscal Year 1998 for federally listed threatened and endangered species. This is in reply to your request of March 31, 1999.

In Fiscal Year 1998, the Bureau of Indian Affairs expended \$6.6 million on 58 federally listed threatened and endangered species.

If you need additional information or clarification, please contact Valerie Guardia, Endangered Species Coordinator for the Bureau of Indian Affairs, at (202) 208-3607.

Sincerely,

Acting for Deputy Commissioner of Indian Affairs

Enclosure

BUREAU OF INDIAN AFFAIRS		
THREATENED AND ENDANGERED SPECIES EXPENDITURES		
FY 1998		
(dollars in thousands)		
GROUP	SPECIES	EXPENDITURES
A	Bat, Gray	0.5
A	Bat, Indiana	0.5
A	Bat, Lesser Long-Nosed	50.5
A	Bat, Ozark Big-Eared	0.5
A	Bear, Grizzly	120
A	Ferret, Black-footed	26.7
A	Jaguar	0.57
A	Panther, Florida	4
A	Pronghorn, Sonoran	4.3
A	Vole, Hualapai	20.5
A	Wolf, Gray	22.6
B	Eagle, Bald	38.7
B	Falcon, American Peregrine	94.6
B	Flycatcher, Southwestern Willow	211
B	Murrelet, Marbled	612.2
B	Owl, Cactus Ferruginous Pygmy	563.3
B	Owl, Mexican spotted	182.3
B	Owl, northern spotted	1386.8
3	Plover, Piping	11
B	Rail, Yuma Clapper	160
B	Tern, Least	1.1
B	Vireo, Black-capped	3
B	Woodpecker, Red-cockaded	0.5
C	Snake, Eastern Indigo	0.5
C	Tortoise, Desert	200.5
E	Cavefish, Ozark	0.5
E	Chub, Bony-tailed	61
E	Chub, Humpback	88.8
E	Darter, Leopard	0.2
E	Madtom, Neosho	0.5
E	Minnow, Loach	0.57
E	Salmon, chinook, Sac R. winter run	75
E	Salmon, coho, Central CA ESU	280
E	Salmon, coho, So OR/NoCA ESU	280
E	Squawfish, Colorado	596
E	Sucker, Razorback	822.8
E	Topminnow, Gila	50
E	Trout, Apache	0.9
E	Trout, Bull	14
F	Rock-pocketbook, Ouachita	0.2
G	Ambersnail, Kanab	3.3
I	Beetle, American burying	0.2
?	Blue-star, Kearney's	1

Sheet1

Q	Cactus, Brady's Pincusion	12.8
Q	Cactus, Knowlton	1
Q	Cactus, Mesa Verde	267.5
Q	Cactus, Nichol's Turk's Head	1
Q	Cactus, Pima Pineapple	53.5
Q	Cactus, Unintah Basin Hookless	2.3
Q	Ladies'-tresses, Ute	0.18
Q	Milkvetch, Mancos	265.3
Q	Milkvetch, Sentry	8.8
Q	Milkweed, Welsh's	4.8
Q	Orchid, eastern prairie fringed	5
Q	Orchid, western prairie fringed	5
Q	Sedge, Navajo	8.5
Q	Snakeroot	1
Q	Thistle, Sacramento Mtn.	2.5
	TOTAL EXPENDITURES	6630.32



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Washington, D.C. 20240
<http://www.blm.gov>

May 21, 1999

Jamie Rappaport Clark
Director, Fish and Wildlife Service
Department of the Interior
1849 C Street, N.W.
Washington, D.C. 20240

Dear Ms. Clark:

In response to your request for fiscal year 1998 threatened and endangered species expenditures by the Bureau of Land Management, I have enclosed a detailed breakdown of expenditures by species. Please contact Eric Lawton at (202) 452-7760 if you need any additional information.

Sincerely,

Christine A. Jauhola
Group Manager
Fish, Wildlife and Forests Group

Enclosure

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . . plants) as in the List; Column D gives scientific names. A running total of expenditures for each column is kept above each heading.

If you have any questions, contact Eric Lawton at 202-452-7760

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
					\$9,135,450	\$27,732,000	\$36,867,450
3	A	Bat, gray	<i>Myotis grisescens</i>	E			\$0
1	A	Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	E			\$0
3	A	Bat, Indiana	<i>Myotis sodalis</i>	E			\$0
2	A	Bat, lesser long-nosed	<i>Leptonycteris curasoae yerbabuenae</i>	E	\$21,000		\$21,000
1	A	Bat, little Mariana fruit	<i>Pteropus tokudae</i>	E			\$0
1	A	Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	E			\$0
2	A	Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	E	\$2,500		\$2,500
2	A	Bat, Ozark big-eared	<i>Plecotus townsendii ingens</i>	E			\$0
5	A	Bat, Virginia big-eared	<i>Plecotus townsendii virginianus</i>	E			\$0
6	A	Bear, grizzly	<i>Ursus arctos</i>	T	\$46,500		\$46,500
4	A	Bear, Louisiana black	<i>Ursus americanus luteolus</i>	T			\$0
1	A	Caribou, woodland	<i>Rangifer tarandus caribou</i>	E			\$0
5	A	Cougar, eastern	<i>Felis concolor cougar</i>	E			\$0
1	A	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	E	\$63,800		\$63,800
4	A	Deer, key	<i>Odocoileus virginianus clavium</i>	E			\$0
6	A	Ferret, black-footed	<i>Mustela nigripes</i>	E	\$313,000		\$313,000
1	A	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	E	\$20,000		\$20,000
2	A	Jaguar	<i>Panthera onca</i>	E	\$4,500		\$4,500
2	A	Jaguarundi	<i>Felis yagouaroundi cacomitli</i>	E			\$0
2	A	Jaguarundi	<i>Felis yagouaroundi tolteca</i>	E			\$0
1	A	Kangaroo rat, Fresno	<i>Dipodomys nitratoideis exilis</i>	E			\$0
1	A	Kangaroo rat, giant	<i>Dipodomys ingens</i>	E	\$50,000		\$50,000
1	A	Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	E			\$0
1	A	Kangaroo rat, San Bernardino Merriam's	<i>Dipodomys merriami parvus</i>	E			\$0
1	A	Kangaroo rat, Stephens'	<i>Dipodomys stephensi</i>	E	\$20,000		\$20,000
1	A	Kangaroo rat, Tipton	<i>Dipodomys nitratoideis nitratoideis</i>	E	\$20,000		\$20,000
4	A	Manatee, West Indian (=Florida)	<i>Trichechus manatus</i>	E			\$0
1	A	Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	E			\$0
4	A	Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	E	\$1,000		\$1,000
4	A	Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	E			\$0
4	A	Mouse, Choctawahatchee beach	<i>Peromyscus polionotus allophrys</i>	E			\$0
4	A	Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	E			\$0
1	A	Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	E			\$0
4	A	Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	E			\$0

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
6	A	Mouse, Preble's meadow jumping	Zapus hudsonius preblei	T			\$0
1	A	Mouse, salt marsh harvest	Reithrodontomys raviventris	E			\$0
4	A	Mouse, southeastern beach	Peromyscus polionotus niveiventris	T			\$0
2	A	Ocelot	Felis pardalis	E			\$0
1	A	Otter, southern sea	Enhydra lutris nereis	T			\$0
4	A	Panther, Florida	Felis concolor coryi	E			\$0
6	A	Prairie dog, Utah	Cynomys parvidens	T	\$150,000		\$150,000
2	A	Pronghorn, Sonoran	Antilocapra americana sonoriensis	E	\$4,000		\$4,000
4	A	Rabbit, Lower Keys	Sylvilagus palustris hefneri	E			\$0
4	A	Rice rat (=silver rice rat)	Oryzomys palustris natator	E			\$0
N	A	Sea-lion, Steller	Eumetopias jubatus	E, T			\$0
N	A	Seal, Caribbean monk	Monachus tropicalis	E			\$0
N	A	Seal, guadalupe fur	Arctocephalus townsendi	T			\$0
N	A	Seal, Hawaiian monk	Monachus schauinslandi	E			\$0
1	A	Sheep, bighorn (Peninsular Ranges pop. in CA)	Ovis canadensis cremnobates	E			\$0
5	A	Shrew, Dismal Swamp southeastern	Sorex longirostris fisheri	T			\$0
4	A	Squirrel, Carolina northern flying	Glaucomys sabrinus coloratus	E			\$0
5	A	Squirrel, Delmarva Peninsula fox	Sciurus niger cinereus	E			\$0
2	A	Squirrel, Mount Graham red	Tamiasciurus hudsonicus grahamensis	E			\$0
5	A	Squirrel, Virginia northern flying	Glaucomys sabrinus fuscus	E			\$0
1	A	Vole, Amargosa	Microtus californicus scirpensis	E			\$0
4	A	Vole, Florida salt marsh	Microtus pennsylvanicus dukecampbelli	E			\$0
2	A	Vole, Hualapai Mexican	Microtus mexicanus hualpaiensis	E	\$30,000		\$30,000
N	A	Whale, blue	Balaenoptera musculus	E			\$0
N	A	Whale, bowhead	Balaena mysticetus	E			\$0
N	A	Whale, finback	Balaenoptera physalus	E			\$0
N	A	Whale, gray	Eschrichtius robustus	E			\$0
N	A	Whale, humpback	Megaptera novaeangliae	E			\$0
N	A	Whale, right	Balaena glacialis (incl. australis)	E			\$0
N	A	Whale, Sei	Balaenoptera borealis	E			\$0
N	A	Whale, sperm	Physeter macrocephalus (=catodon)	E			\$0
3	A	Wolf, gray	Canis lupus	E, T	\$15,500		\$15,500
4	A	Wolf, red	Canis rufus	E			\$0
4	A	Woodrat, Key Largo	Neotoma floridana smalli	E			\$0
1	B	`Akepa, Hawaii (honeycreeper)	Loxops coccineus coccineus	E			\$0
1	B	`Akepa, Maui (honeycreeper)	Loxops coccineus ochraceus	E			\$0
1	B	Akialoa, Kauai (honeycreeper)	Hemignathus procerus	E			\$0
1	B	`Akiapola`au (honeycreeper)	Hemignathus munroi	E			\$0
4	B	Blackbird, yellow-shouldered	Agelaius xanthomus	E			\$0
2	B	Bobwhite, masked (quail)	Colinus virginianus ridgwayi	E			\$0
1	B	Broadbill, Guam	Myiagra freycineti	E			\$0
4	B	Caracara, Audubon's crested	Polyborus plancus audubonii	T			\$0
1	B	Condor, California	Gymnogyps californianus	E	\$15,000		\$15,000

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	B	Coot, Hawaiian (= `alae-ke`oke`o)	Fulica americana alai	E			\$0
4	B	Crane, Mississippi sandhill	Grus canadensis pulla	E			\$0
2	B	Crane, whooping	Grus americana	E	\$2,000		\$2,000
1	B	Creepers, Hawaii	Oreomyza mana	E			\$0
1	B	Creepers, Molokai (=kakawahie)	Paroreomyza flammea	E			\$0
1	B	Creepers, Oahu (=alauwahio)	Paroreomyza maculata	E			\$0
1	B	Crow, Hawaiian (= `alala)	Corvus hawaiiensis	E			\$0
1	B	Crow, Mariana	Corvus kubaryi	E			\$0
4	B	Crow, white-necked	Corvus leucognaphalus	E			\$0
7	B	Curlew, Eskimo	Numenius borealis	E			\$0
1	B	Duck, Hawaiian (=koloa)	Anas wyvilliana	E			\$0
1	B	Duck, Laysan	Anas laysanensis	E			\$0
3	B	Eagle, bald	Haliaeetus leucocephalus	T	\$166,450	\$697,000	\$863,450
7	B	Eider, spectacled	Somateria fischeri	T	\$17,000		\$17,000
7	B	Eider, Steller's	Polysticta stelleri	T	\$25,000		\$25,000
1	B	Falcon, American peregrine	Falco peregrinus anatum	E	\$101,000		\$101,000
2	B	Falcon, northern aplomado	Falco femoralis septentrionalis	E	\$164,000		\$164,000
1	B	Finch, Laysan (honeycreeper)	Telespyza cantans	E			\$0
1	B	Finch, Nihoa (honeycreeper)	Telespyza ultima	E			\$0
2	B	Flycatcher, southwestern willow	Empidonax traillii extimus	E	\$312,500		\$312,500
1	B	Gnatcatcher, coastal California	Poliottila californica californica	T	\$31,000		\$31,000
7	B	Goose, Aleutian Canada	Branta canadensis leucopareia	T			\$0
1	B	Goose, Hawaiian (=nene)	Nesochen sandvicensis	E			\$0
1	B	Hawk, Hawaiian (=io)	Buteo solitarius	E			\$0
4	B	Hawk, Puerto Rican broad-winged	Buteo platypterus brunnescens	E			\$0
4	B	Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	E			\$0
1	B	Honeycreeper, crested (= `akohekohe)	Palmeria dolei	E			\$0
4	B	Jay, Florida scrub	Aphelocoma coerulescens coerulescens	T	\$6,000		\$6,000
1	B	Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	E			\$0
4	B	Kite, Everglade snail	Rostrhamus sociabilis plumbeus	E			\$0
1	B	Mallard, Mariana	Anas oustaleti	E			\$0
1	B	Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	E			\$0
1	B	Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	E			\$0
1	B	Monarch, Tinian (old world flycatcher)	Monarcha takatsukasae	T			\$0
1	B	Moorhen, Hawaiian common	Gallinula chloropus sandvicensis	E			\$0
1	B	Moorhen, Mariana common	Gallinula chloropus guami	E			\$0
1	B	Murrelet, marbled	Brachyramphus marmoratus marmoratus	T	\$608,300		\$608,300
4	B	Nightjar, Puerto Rican	Caprimulgus noctitherus	E			\$0
1	B	Nukupū u (honeycreeper)	Hemignathus lucidus	E			\$0
1	B	ʻOʻo, Kauai (= ʻoʻo `a a) (honeyeater)	Moho braccatus	E			\$0
1	B	ʻOʻu (honeycreeper)	Psittirostra psittacea	E			\$0
2	B	Owl, Mexican spotted	Strix occidentalis lucida	T	\$39,000		\$39,000
1	B	Owl, northern spotted	Strix occidentalis caurina	T	\$537,800		\$537,800

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Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	B	Pailla (honeycreeper)	Loxioides bailleui	E			\$0
4	B	Parrot, Puerto Rican	Amazona vittata	E			\$0
1	B	Parrotbill, Maui (honeycreeper)	Pseudonestor xanthophrys	E			\$0
1	B	Pelican, brown	Pelecanus occidentalis	E	\$2,000		\$2,000
1	B	Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	E			\$0
4	B	Pigeon, Puerto Rican plain	Columba inornata wetmorei	E			\$0
3	B	Plover, piping	Charadrius melodus	E, T	\$10,000		\$10,000
1	B	Plover, western snowy	Charadrius alexandrinus nivosus	T	\$122,000		\$122,000
1	B	Po'ouli (honeycreeper)	Melamprosops phaeosoma	E			\$0
2	B	Prairie-chicken, Attwater's greater	Tympanuchus cupido attwateri	E			\$0
2	B	Pygmy-owl, cactus ferruginous	Glaucidium brasilianum cactorum	E	\$25,000		\$25,000
1	B	Rail, California clapper	Rallus longirostris obsoletus	E			\$0
1	B	Rail, Guam	Rallus owstoni	E			\$0
1	B	Rail, light-footed clapper	Rallus longirostris levipes	E			\$0
2	B	Rail, Yuma clapper	Rallus longirostris yumanensis	E	\$9,000		\$9,000
1	B	Shearwater, Newell's Townsend's (formerly Man)	Puffinus auricularis newelli	T			\$0
1	B	Shrike, San Clemente loggerhead	Lanius ludovicianus mearnsi	E			\$0
4	B	Sparrow, Cape Sable seaside	Ammodramus maritimus mirabilis	E			\$0
4	B	Sparrow, Florida grasshopper	Ammodramus savannarum floridanus	E			\$0
1	B	Sparrow, San Clemente sage	Amphispiza belli clementeae	T			\$0
1	B	Stilt, Hawaiian (=ae o)	Himantopus mexicanus knudseni	E			\$0
4	B	Stork, wood	Mycteria americana	E			\$0
1	B	Swiftlet, Mariana gray (=vanikoro)	Aerodramus vanikorensis bartschi	E			\$0
1	B	Tern, California least	Sterna antillarum browni	E			\$0
3	B	Tern, least	Sterna antillarum	E	\$15,500		\$15,500
5	B	Tern, roseate	Sterna dougallii dougallii	E, T			\$0
1	B	Thrush, large Kauai	Myadestes myadestinus	E			\$0
1	B	Thrush, Molokai (=oloma o)	Myadestes lanaiensis rutha	E			\$0
1	B	Thrush, small Kauai (=puaiohi)	Myadestes palmeri	E			\$0
2	B	Towhee, Inyo California (=brown)	Pipilo crissalis eremophilus	T			\$0
2	B	Vireo, black-capped	Vireo atricapillus	E			\$0
1	B	Vireo, least Bell's	Vireo bellii pusillus	E	\$5,000		\$5,000
4	B	Warbler, Bachman's	Vermivora bachmanii	E			\$0
2	B	Warbler, golden-cheeked	Dendroica chrysoparia	E			\$0
3	B	Warbler, Kirtland's	Dendroica kirtlandii	E			\$0
1	B	Warbler, nightingale reed	Acrocephalus luscini	E			\$0
1	B	White-eye, bridled	Zosterops conspicillatus conspicillatus	E			\$0
4	B	Woodpecker, ivory-billed	Campephilus principalis	E			\$0
4	B	Woodpecker, red-cockaded	Picoides borealis	E	\$2,000		\$2,000
4	C	Anole, Culebra Island giant	Anolis roosevelti	E			\$0
4	C	Boa, Mona	Epicrates monensis monensis	T			\$0
4	C	Boa, Puerto Rican	Epicrates inornatus	E			\$0
4	C	Boa, Virgin Islands tree	Epicrates monensis granti	E			\$0

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Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
4	C	Crocodile, American	Crocodylus acutus	E			\$0
4	C	Gecko, Monito	Sphaerodactylus micropithecus	E			\$0
4	C	Iguana, Mona ground	Cyclura stejnegeri	T			\$0
1	C	Lizard, blunt-nosed leopard	Gambelia silus	E	\$20,000		\$20,000
1	C	Lizard, Coachella Valley fringe-toed	Uma inornata	T	\$2,000		\$2,000
1	C	Lizard, Island night	Xantusia riversiana	T			\$0
4	C	Lizard, St. Croix ground	Ameiva polops	E			\$0
2	C	Rattlesnake, New Mexican ridge-nosed	Crotalus willardi obscurus	T			\$0
4	C	Skink, bluetail mole	Eumeces egregius lividus	T			\$0
4	C	Skink, sand	Neoseps reynoldsi	T			\$0
4	C	Snake, Atlantic salt marsh	Nerodia clarkii taeniata	T			\$0
2	C	Snake, Concho water	Nerodia paucimaculata	T			\$0
3	C	Snake, copperbelly water (northern pop.)	Nerodia erythrogaster neglecta	T			\$0
4	C	Snake, eastern indigo	Drymarchon corais couperi	T			\$0
1	C	Snake, giant garter	Thamnophis gigas	T			\$0
1	C	Snake, San Francisco garter	Thamnophis sirtalis tetrataenia	E			\$0
1	C	Tortoise, desert	Gopherus agassizii	T	\$461,000	\$25,035,000	\$25,496,000
4	C	Tortoise, gopher	Gopherus polyphemus	T			\$0
4	C	Turtle, Alabama redbelly (=red-bellied)	Pseudemys alabamensis	E			\$0
5	C	Turtle, bog (=Muhlenberg)	Clemmys muhlenbergii	T			\$0
4	C	Turtle, flattened musk	Sternotherus depressus	T			\$0
2	C	Turtle, green sea	Chelonia mydas	E, T			\$0
2	C	Turtle, hawksbill sea (=carey)	Eretmochelys imbricata	E			\$0
2	C	Turtle, Kemp's ridley sea	Lepidochelys kempii	E			\$0
2	C	Turtle, leatherback sea	Dermochelys coriacea	E			\$0
2	C	Turtle, loggerhead sea	Caretta caretta	T			\$0
2	C	Turtle, olive ridley sea	Lepidochelys olivacea	E, T			\$0
5	C	Turtle, Plymouth redbelly (=red-bellied)	Pseudemys rubriventris bangsi	E			\$0
4	C	Turtle, ringed map (=sawback)	Graptemys oculifera	T			\$0
4	C	Turtle, yellow-blotched map (=sawback)	Graptemys flavimaculata	T			\$0
1	C	Whipsnake, (=striped racer) Alameda	Masticophis lateralis euryxanthus	T			\$0
4	D	Coqui, golden	Eleutherodactylus jasperii	T			\$0
1	D	Frog, California red-legged	Rana aurora draytonii	T	\$1,500		\$1,500
4	D	Guajon	Eleutherodactylus cookii	T			\$0
2	D	Salamander, Barton Springs	Eurycea sosorum	E			\$0
5	D	Salamander, Cheat Mountain	Plethodon nettingi	T			\$0
1	D	Salamander, desert slender	Batrachoseps aridus	E			\$0
4	D	Salamander, Red Hills	Phaeognathus hubrichti	T			\$0
2	D	Salamander, San Marcos	Eurycea nana	T			\$0
1	D	Salamander, Santa Cruz long-toed	Ambystoma macrodactylum croceum	E			\$0
5	D	Salamander, Shenandoah	Plethodon shenandoah	E			\$0
2	D	Salamander, Sonoran tiger	Ambystoma tigrinum stebbinsi	E			\$0
2	D	Salamander, Texas blind	Typhlomolge rathbuni	E			\$0

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1	D	Toad, Arroyo southwestern	Bufo microscaphus californicus	E			\$0
2	D	Toad, Houston	Bufo houstonensis	E			\$0
4	D	Toad, Puerto Rican crested	Peltophryne lemur	T			\$0
6	D	Toad, Wyoming	Bufo hemiophrys baxteri	E			\$0
2	E	Catfish, Yaqui	Ictalurus pricei	T			\$0
4	E	Cavefish, Alabama	Speoplatyrhinus poulsoni	E			\$0
4	E	Cavefish, Ozark	Amblyopsis rosae	T			\$0
6	E	Chub, bonytail	Gila elegans	E	\$65,000		\$65,000
1	E	Chub, Borax Lake	Gila boraxobius	E	\$1,500		\$1,500
2	E	Chub, Chihuahua	Gila nigrescens	T			\$0
6	E	Chub, humpback	Gila cypha	E	\$5,000		\$5,000
1	E	Chub, Hutton tui	Gila bicolor ssp.	T			\$0
1	E	Chub, Mohave tui	Gila bicolor mohavensis	E	\$300		\$300
1	E	Chub, Oregon	Oregonichthys crameri	E	\$500		\$500
1	E	Chub, Owens tui	Gila bicolor snyderi	E			\$0
1	E	Chub, Pahrnagat roundtail (=bonytail)	Gila robusta jordani	E	\$24,500		\$24,500
4	E	Chub, slender	Erimystax cahni	T			\$0
2	E	Chub, Sonora	Gila ditaenia	T			\$0
4	E	Chub, spotfin (=turquoise shiner)	Cyprinella monacha	T			\$0
6	E	Chub, Virgin River	Gila robusta semidnuda	E	\$21,000		\$21,000
2	E	Chub, Yaqui	Gila purpurea	E			\$0
1	E	Cui-ui	Chasmistes cujus	E			\$0
1	E	Dace, Ash Meadows speckled	Rhinichthys osculus nevadensis	E			\$0
4	E	Dace, blackside	Phoxinus cumberlandensis	T			\$0
1	E	Dace, Clover Valley speckled	Rhinichthys osculus oligoporus	E			\$0
1	E	Dace, desert	Eremichthys acros	T	\$27,500		\$27,500
1	E	Dace, Foskett speckled	Rhinichthys osculus ssp.	T			\$0
1	E	Dace, Independence Valley speckled	Rhinichthys osculus lethoporus	E			\$0
6	E	Dace, Kendall Warm Springs	Rhinichthys osculus thermalis	E			\$0
1	E	Dace, Moapa	Moapa coriacea	E	\$14,000		\$14,000
4	E	Darter, amber	Percina antesella	E			\$0
4	E	Darter, bayou	Etheostoma rubrum	T			\$0
4	E	Darter, bluemask (=jewel)	Etheostoma (Doration) sp.	E			\$0
4	E	Darter, boulder (=Elk River)	Etheostoma wapiti	E			\$0
4	E	Darter, Cherokee	Etheostoma (Ulocentra) sp.	T			\$0
4	E	Darter, duskytail	Etheostoma (Catonotus) sp.	E			\$0
4	E	Darter, Etowah	Etheostoma etowahae	E			\$0
2	E	Darter, fountain	Etheostoma fonticola	E			\$0
4	E	Darter, goldline	Percina aurolineata	T			\$0
2	E	Darter, leopard	Percina pantherina	T			\$0
5	E	Darter, Maryland	Etheostoma sellare	E			\$0
3	E	Darter, Niangua	Etheostoma nianguae	T			\$0
4	E	Darter, Okaloosa	Etheostoma okaloosae	E			\$0

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4	E	Darter, relict	Etheostoma chienense	E			\$0
4	E	Darter, slackwater	Etheostoma boschungii	T			\$0
4	E	Darter, snail	Percina tanasi	T			\$0
4	E	Darter, watercress	Etheostoma nuchale	E			\$0
2	E	Gambusia, Big Bend	Gambusia gaigei	E			\$0
2	E	Gambusia, Clear Creek	Gambusia heterochir	E			\$0
2	E	Gambusia, Pecos	Gambusia nobilis	E	\$13,000		\$13,000
2	E	Gambusia, San Marcos	Gambusia georgei	E			\$0
1	E	Goby, tidewater	Eucyclogobius newberryi	E			\$0
4	E	Logperch, Conasauga	Percina jenkinsi	E			\$0
5	E	Logperch, Roanoke	Percina rex	E			\$0
6	E	Madtom, Neosho	Noturus placidus	T			\$0
4	E	Madtom, pygmy	Noturus stanauli	E			\$0
3	E	Madtom, Scioto	Noturus trautmani	E			\$0
4	E	Madtom, Smoky	Noturus baileyi	E			\$0
4	E	Madtom, yellowfin	Noturus flavipinnis	T			\$0
2	E	Minnow, loach	Rhinichthys cobitis	T	\$7,500		\$7,500
2	E	Minnow, Rio Grande silvery	Hybognathus amarus	E	\$2,000		\$2,000
1	E	Poolfish, Pahump	Empetrichthys latos	E	\$500		\$500
1	E	Pupfish, Ash Meadows Amargosa	Cyprinodon nevadensis mionectes	E			\$0
2	E	Pupfish, Comanche Springs	Cyprinodon elegans	E			\$0
2	E	Pupfish, desert	Cyprinodon macularius	E	\$15,500		\$15,500
1	E	Pupfish, Devils Hole	Cyprinodon diabolis	E			\$0
2	E	Pupfish, Leon Springs	Cyprinodon bovinus	E			\$0
1	E	Pupfish, Owens	Cyprinodon radiosus	E	\$700		\$700
1	E	Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	E	\$3,500		\$3,500
N	E	Salmon, chinook, Sacramento R. winter run	Oncorhynchus tshawytscha	T			\$0
N	E	Salmon, chinook, Snake R. fall run	Oncorhynchus tshawytscha	T	\$5,000		\$5,000
N	E	Salmon, chinook, Snake R. spring/summer run	Oncorhynchus tshawytscha	T	\$251,000		\$251,000
N	E	Salmon, coho	Oncorhynchus (=Salmo) kisutch	T	\$2,638,700		\$2,638,700
N	E	Salmon, sockeye (=red, =blueback), Snake R.	Oncorhynchus nerka	E	\$1,000		\$1,000
4	E	Sculpin, pygmy	Cottus pygmaeus	T			\$0
2	E	Shiner, beautiful	Cyprinella formosa	T	\$1,000		\$1,000
4	E	Shiner, blue	Cyprinella caerulea	T			\$0
4	E	Shiner, Cahaba	Notropis cahabae	E			\$0
4	E	Shiner, Cape Fear	Notropis mekistocholas	E			\$0
4	E	Shiner, Palezone	Notropis sp.	E			\$0
2	E	Shiner, Pecos bluntnose	Notropis simus pecosensis	T	\$17,000		\$17,000
4	E	Silverside, Waccamaw	Menidia extensa	T			\$0
1	E	Smelt, delta	Hypomesus transpacificus	T			\$0
2	E	Spikedace	Meda fulgida	T	\$7,000		\$7,000
1	E	Spinedace, Big Spring	Lepidomeda mollispinis pratensis	T			\$0
2	E	Spinedace, Little Colorado	Lepidomeda vittata	T			\$0

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1	E	Spinedace, White River	Lepidomeda albivallis	E	\$15,500		\$15,500
1	E	Springfish, Hiko White River	Crenichthys baileyi grandis	E	\$500		\$500
1	E	Springfish, Railroad Valley	Crenichthys nevadae	T	\$3,200		\$3,200
1	E	Springfish, White River	Crenichthys baileyi baileyi	E			\$0
6	E	Squawfish, Colorado	Ptychocheilus lucius	E	\$69,000		\$69,000
N	E	Steelhead	Oncorhynchus (=Salmo) mykiss gilberti	T	\$308,000	\$2,000,000	\$2,308,000
1	E	Stickleback, unarmored threespine	Gasterosteus aculeatus williamsoni	E			\$0
4	E	Sturgeon, Gulf	Acipenser oxyrinchus desotoi	T			\$0
6	E	Sturgeon, pallid	Scaphirhynchus albus	E	\$4,000		\$4,000
N	E	Sturgeon, shortnose	Acipenser brevirostrum	E			\$0
1	E	Sturgeon, white (Kootenai River pop.)	Acipenser transmontanus	E			\$0
6	E	Sucker, June	Chasmistes liorus	E			\$0
1	E	Sucker, Lost River	Deltistes luxatus	E	\$64,000		\$64,000
1	E	Sucker, Modoc	Catostomus microps	E			\$0
6	E	Sucker, razorback	Xyrauchen texanus	E	\$130,000		\$130,000
1	E	Sucker, shortnose	Chasmistes brevirostris	E	\$64,000		\$64,000
1	E	Sucker, Warner	Catostomus warnerensis	T	\$37,000		\$37,000
2	E	Topminnow, Gila (incl. Yaqui)	Poeciliopsis occidentalis	E	\$19,000		\$19,000
2	E	Trout, Apache (=Arizona)	Oncorhynchus apache	T			\$0
1	E	Trout, bull (Columbia R. pop.)	Salvelinus confluentus	T	\$181,000		\$181,000
1	E	Trout, bull (Jarbridge R. pop.)	Salvelinus confluentus	E	\$2,600		\$2,600
1	E	Trout, bull (Klamath R. pop.)	Salvelinus confluentus	T			\$0
2	E	Trout, Gila	Oncorhynchus gilae	E	\$2,000		\$2,000
6	E	Trout, greenback cutthroat	Oncorhynchus clarki stomias	T	\$13,000		\$13,000
1	E	Trout, Lahontan cutthroat	Oncorhynchus clarki henshawi	T	\$380,000		\$380,000
1	E	Trout, Little Kern golden	Oncorhynchus aguabonita whitei	T			\$0
1	E	Trout, Paiute cutthroat	Oncorhynchus clarki seleniris	T			\$0
N	E	Trout, Umpqua River cutthroat	Oncorhynchus clarki clarki	E	\$472,200		\$472,200
6	E	Woundfin	Plagopterus argentissimus	E	\$22,000		\$22,000
4	F	Acornshell, southern	Epioblasma othcaloogensis	E			\$0
4	F	Bankclimber (mussel), purple	Elliptoideus sloatianus	T			\$0
4	F	Bean, purple (=Fine-rayed purple pearly mussel)	Villosa perpurpurea	E			\$0
5	F	Clubshell	Pleurobema clava	E			\$0
4	F	Clubshell, black (=Curtus' mussel)	Pleurobema curtum	E			\$0
4	F	Clubshell, ovate	Pleurobema perovatum	E			\$0
4	F	Clubshell, southern	Pleurobema decisum	E			\$0
4	F	Combshell, Cumberlandian	Epioblasma brevidens	E			\$0
4	F	Combshell, southern (=penitent mussel)	Epioblasma penita	E			\$0
4	F	Combshell, upland	Epioblasma metastrata	E			\$0
4	F	Elktoe, Appalachian	Alasmidonta raveneliana	E			\$0
4	F	Elktoe, Cumberland	Alasmidonta atropurpurea	E			\$0
4	F	Fanshell	Cyprogenia stegaria	E			\$0
4	F	Fatmucket, Arkansas	Lampsilis powelli	T			\$0

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4	F	Heelsplitter, Carolina	Lasmigona decorata	E			\$0
4	F	Heelsplitter, inflated	Potamilus inflatus	T			\$0
4	F	Kidneyshell, triangular	Ptychobranchus greeni	E			\$0
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama)	Lampsilis virescens	E			\$0
4	F	Moccasinsshell, Alabama	Medionidus acutissimus	T			\$0
4	F	Moccasinsshell, Coosa	Medionidus parvulus	E			\$0
4	F	Moccasinsshell, Gulf	Medionidus penicillatus	E			\$0
4	F	Moccasinsshell, Ochlockonee	Medionidus simpsonianus	E			\$0
4	F	Mucket, orange-nacre	Lampsilis perovalis	T			\$0
5	F	Mussel, dwarf wedge	Alasmidonta heterodon	E			\$0
4	F	Mussel, oyster	Epioblasma capsaeformis	E			\$0
4	F	Mussel, ring pink (=golf stick pearly)	Obovaria retusa	E			\$0
3	F	Mussel, winged mapleleaf	Quadrula fragosa	E			\$0
4	F	Pearlshell, Louisiana	Margaritifera hembeli	T			\$0
4	F	Pearlymussel, Appalachian monkeyface	Quadrula sparsa	E			\$0
4	F	Pearlymussel, birdwing	Conradilla caelata	E			\$0
4	F	Pearlymussel, cracking	Hemistena lata	E			\$0
4	F	Pearlymussel, Cumberland bean	Villosa trabalis	E			\$0
4	F	Pearlymussel, Cumberland monkeyface	Quadrula intermedia	E			\$0
3	F	Pearlymussel, Curtis'	Epioblasma florentina curtisi	E			\$0
4	F	Pearlymussel, dromedary	Dromus dromas	E			\$0
4	F	Pearlymussel, green-blossom	Epioblasma torulosa gubernaculum	E			\$0
3	F	Pearlymussel, Higgins' eye	Lampsilis higginsii	E			\$0
4	F	Pearlymussel, little-wing	Pegias fabula	E			\$0
4	F	Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	E			\$0
4	F	Pearlymussel, pale lilliput	Toxolasma cylindrellus	E			\$0
4	F	Pearlymussel, pink mucket	Lampsilis abrupta	E			\$0
4	F	Pearlymussel, purple cat's paw	Epioblasma obliquata obliquata	E			\$0
4	F	Pearlymussel, tubercled-blossom	Epioblasma torulosa torulosa	E			\$0
4	F	Pearlymussel, turgid-blossom	Epioblasma turgidula	E			\$0
3	F	Pearlymussel, white cat's paw	Epioblasma obliquata perobliqua	E			\$0
4	F	Pearlymussel, white wartyback	Plethobasus cicatricosus	E			\$0
4	F	Pearlymussel, yellow-blossom	Epioblasma florentina florentina	E			\$0
4	F	Pigtoe (mussel), oval	Pleurobema pyriforme	E			\$0
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel)	Pleurobema gibberum	E			\$0
4	F	Pigtoe, dark	Pleurobema furvum	E			\$0
4	F	Pigtoe, fine-rayed	Fusconaia cuneolus	E			\$0
4	F	Pigtoe, flat (=Marshall's mussel)	Pleurobema marshalli	E			\$0
4	F	Pigtoe, heavy (=Judge Tait's mussel)	Pleurobema taitianum	E			\$0
4	F	Pigtoe, rough	Pleurobema plenum	E			\$0
4	F	Pigtoe, shiny	Fusconaia cor	E			\$0
4	F	Pigtoe, southern	Pleurobema georgianum	E			\$0
4	F	Pocketbook (mussel), shinyrayed	Lampsilis subangulata	E			\$0

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4	F	Pocketbook, fat	Potamilus capax	E			\$0
4	F	Pocketbook, fine-lined	Lampsilis altilis	T			\$0
4	F	Pocketbook, speckled	Lampsilis streckeri	E			\$0
4	F	Rabbitsfoot, rough	Quadrula cylindrica strigillata	E			\$0
5	F	Riffleshell, northern	Epioblasma torulosa rangiana	E			\$0
4	F	Riffleshell, tan	Epioblasma walkeri	E			\$0
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly)	Arkansia wheeleri	E			\$0
4	F	Slabshell, Chipola	Elliptio chipolaensis	T			\$0
5	F	Spiny mussel, James River (=Virginia)	Pleurobema collina	E			\$0
4	F	Spiny mussel, Tar River	Elliptio steinstansana	E			\$0
4	F	Stirrupshell	Quadrula stapes	E			\$0
4	F	Three-ridge (mussel), fat	Amblema neislerii	E			\$0
6	G	Ambersnail, Kanab	Oxyloma haydeni kanabensis	E	\$3,000		\$3,000
1	G	Limpet, Banbury Springs	Lanx sp.	E	\$100		\$100
4	G	Marstonia (snail), royal (=obese)	Pyrgulopsis ogmoraphe	E			\$0
4	G	Riversnail, Anthony's	Athearnia anthonyi	E			\$0
4	G	Shagreen, Magazine Mountain	Mesodon magazinensis	T			\$0
1	G	Snail, Bliss Rapids	Taylorconcha serpenticola	T	\$1,000		\$1,000
5	G	Snail, Chittenango ovate amber	Succinea chittenangoensis	T			\$0
5	G	Snail, flat-spined three-toothed	Triodopsis platysayoides	T			\$0
3	G	Snail, Iowa Pleistocene	Discus macclintocki	E			\$0
1	G	Snail, Morro shoulderband (=Banded dune)	Helminthoglypta walkeriana	E	\$2,000		\$2,000
4	G	Snail, noonday	Mesodon clarki nantahala	T			\$0
4	G	Snail, painted snake coiled forest	Anguispira picta	T			\$0
1	G	Snail, Snake River physa	Physa natricina	E	\$500		\$500
4	G	Snail, Stock Island tree	Orthalicus reses	T			\$0
4	G	Snail, tulotoma (=Alabama live-bearing)	Tulotoma magnifica	E			\$0
1	G	Snail, Utah valvata	Valvata utahensis	E	\$1,000		\$1,000
5	G	Snail, Virginia fringed mountain	Polygyriscus virginianus	E			\$0
1	G	Snails, Oahu tree	Achatinella^ spp. (all species)	E			\$0
2	G	Springsnail, Alamosa	Tryonia alamosae	E	\$2,000		\$2,000
1	G	Springsnail, Bruneau Hot	Pyrgulopsis bruneauensis	E	\$9,000		\$9,000
1	G	Springsnail, Idaho	Fontelicella idahoensis	E	\$500		\$500
2	G	Springsnail, Socorro	Pyrgulopsis neomexicana	E	\$2,000		\$2,000
2	I	Beetle, Comal Springs riffle	Heterelmis comalensis	E			\$0
2	I	Beetle, Comal Springs dryopid	Stygoparnus comalensis	E			\$0
1	I	Butterfly, Behren's silverspot	Speyeria zerene behrensii	E			\$0
1	I	Butterfly, callippe silverspot	Speyeria callippe callippe	E			\$0
5	I	Beetle, American burying (=giant carrion)	Nicrophorus americanus	E	\$3,000		\$3,000
2	I	Beetle, Coffin Cave mold	Batrissodes texanus	E			\$0
1	I	Beetle, delta green ground	Elaphrus viridis	T			\$0
3	I	Beetle, Hungerford's crawling water	Brychius hungerfordi	E			\$0
2	I	Beetle, Kretschmarr Cave mold	Texamaurops reddelli	E			\$0

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Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	I	Beetle, Mount Hermon June	Polyphylla barbata	E			\$0
5	I	Beetle, northeastern beach tiger	Cicindela dorsalis dorsalis	T			\$0
5	I	Beetle, Puritan tiger	Cicindela puritana	T			\$0
2	I	Beetle, Tooth Cave ground	Rhadine persephone	E			\$0
1	I	Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	T			\$0
1	I	Butterfly, bay checkerspot	Euphydryas editha bayensis	T			\$0
1	I	Butterfly, El Segundo blue	Euphilotes battoides allyni	E			\$0
3	I	Butterfly, Karner blue	Lycaeides melissa samuelis	E			\$0
1	I	Butterfly, Lange's metalmark	Apodemia mormo langei	E			\$0
1	I	Butterfly, lotis blue	Lycaeides argyrognomon lotis	E			\$0
1	I	Butterfly, mission blue	Icaricia icarioides missionensis	E			\$0
3	I	Butterfly, Mitchell's satyr	Neonympha mitchellii mitchellii	E			\$0
1	I	Butterfly, Myrtle's silverspot	Speyeria zerene myrtleae	E			\$0
1	I	Butterfly, Oregon silverspot	Speyeria zerene hippolyta	T			\$0
1	I	Butterfly, Palos Verdes blue	Glaucopsyche lygdamus palosverdesensis	E			\$0
1	I	Butterfly, Quino checkerspot	Euphydryas editha quino (=E. e. wrighti)	E			\$0
4	I	Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	E			\$0
1	I	Butterfly, San Bruno elfin	Callophrys mossii bayensis	E			\$0
4	I	Butterfly, Schaus swallowtail	Heraclides aristodemus ponceanus	E			\$0
1	I	Butterfly, Smith's blue	Euphilotes enoptes smithi	E			\$0
6	I	Butterfly, Uncompahgre fritillary	Boloria acrocneuma	E	\$20,000		\$20,000
3	I	Dragonfly, Hine's (=Ohio) emerald	Somatochlora hineana	E			\$0
1	I	Fly, Delhi Sands flower-loving	Rhaphiomidas terminatus abdominalis	E			\$0
1	I	Grasshopper, Zayante band-winged	Trimerotropis infantilis	E			\$0
1	I	Moth, Kern primrose sphinx	Euproserpinus euterpe	T	\$500		\$500
1	I	Naucorid, Ash Meadows	Ambrysus amargosus	T			\$0
1	I	Skipper, Laguna Mountains	Pyrgus ruralis lagunae	E			\$0
6	I	Skipper, Pawnee montane	Hesperia leonardus montana	T			\$0
2	J	Harvestman, Bee Creek Cave	Texella reddelli	E			\$0
2	J	Harvestman, Bone Cave	Texella reyesi	E			\$0
2	J	Pseudoscorpion, Tooth Cave	Microcreagris texana	E			\$0
4	J	Spider, spruce-fir moss	Microhexura montivaga	E			\$0
2	J	Spider, Tooth Cave	Leptoneta myopica	E			\$0
5	K	Amphipod, Hay's Spring	Stygobromus hayi	E			\$0
3	K	Amphipod, Illinois cave	Gammarus acherondytes	E			\$0
2	K	Amphipod, Peck's cave	Stygobromus pecki (=Stygonectes p.)	E			\$0
4	K	Crayfish, cave [no common name]	Cambarus aculabrum	E			\$0
4	K	Crayfish, cave [no common name]	Cambarus zophonastes	E			\$0
4	K	Crayfish, Nashville	Orconectes shoupi	E			\$0
1	K	Crayfish, Shasta (=placid)	Pacifastacus fortis	E			\$0
1	K	Fairy shrimp, Conservancy	Branchinecta conservatio	E			\$0
1	K	Fairy shrimp, longhorn	Branchinecta longiantenna	E	\$2,000		\$2,000
1	K	Fairy shrimp, riverside	Streptocephalus woottoni	E			\$0

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1	K	Fairy shrimp, San Diego	Branchinecta sandiegoensis	E			\$0
1	K	Fairy shrimp, vernal pool	Branchinecta lynchi	T	\$2,000		\$2,000
5	K	Isopod, Lee County cave	Lirceus usdagalun	E			\$0
5	K	Isopod, Madison Cave	Antrolana lira	T			\$0
2	K	Isopod, Socorro	Thermosphaeroma thermophilus	E	\$2,000		\$2,000
4	K	Shrimp, Alabama cave	Palaemonias alabamiae	E			\$0
1	K	Shrimp, California freshwater	Syncaris pacifica	E			\$0
4	K	Shrimp, Kentucky cave	Palaemonias ganteri	E			\$0
4	K	Shrimp, Squirrel Chimney Cave (=Florida cave)	Palaemonetes cummingi	T			\$0
1	K	Tadpole shrimp, vernal pool	Lepidurus packardi	E			\$0
1	Q	Abutilon eremitopetalum (=Sci name)	Abutilon eremitopetalum	E			\$0
1	Q	Abutilon sandwicense (=Sci name)	Abutilon sandwicense	E			\$0
1	Q	Achyranthes mutica (=Sci. name)	Achyranthes mutica	E			\$0
1	Q	A'e	Zanthoxylum dipetalum var. tomentosum	E			\$0
1	Q	A'e	Zanthoxylum hawaiiense	E			\$0
2	Q	Agave, Arizona	Agave arizonica	E			\$0
1	Q	'Aiakeakua, popolo	Solanum sandwicense	E			\$0
1	Q	'Aiea	Nothocestrum peltatum	E			\$0
1	Q	'Aiea	Nothocestrum breviflorum	E			\$0
1	Q	'Akoko	Chamaesyce herbstii	E			\$0
1	Q	'Akoko	Euphorbia haeleeeleana	E			\$0
1	Q	'Akoko	Chamaesyce celastroides var. kaenana	E			\$0
1	Q	'Akoko	Chamaesyce deppeana	E			\$0
1	Q	'Akoko	Chamaesyce kuwaleana	E			\$0
1	Q	'Akoko	Chamaesyce rockii	E			\$0
1	Q	'Akoko, Ewa Plains	Chamaesyce skottsbergii var. kalaeloana	E			\$0
1	Q	Alani	Melicope haupuensis	E			\$0
1	Q	Alani	Melicope adscendens	E			\$0
1	Q	Alani	Melicope lydgatei	E			\$0
1	Q	Alani	Melicope pallida	E			\$0
1	Q	Alani	Melicope ovalis	E			\$0
1	Q	Alani	Melicope knudsenii	E			\$0
1	Q	Alani	Melicope balloui	E			\$0
1	Q	Alani	Melicope mucronulata	E			\$0
1	Q	Alani	Melicope reflexa	E			\$0
1	Q	Alani	Melicope quadrangularis	E			\$0
1	Q	Alani	Melicope zahlbruckneri	E			\$0
1	Q	Alani	Melicope saint-johnii	E			\$0
1	Q	Allocarya, Calistoga	Plagiobothrys strictus	E			\$0
1	Q	Alopecurus, Sonoma	Alopecurus aequalis var. sonomensis	E			\$0
1	Q	Alsinidendron obovatum (=Sci name)	Alsinidendron obovatum	E			\$0
1	Q	Alsinidendron trinerve (=Sci name)	Alsinidendron trinerve	E			\$0
1	Q	Alsinodendron viscosum (=Sci. name)	Alsinidendron viscosum	E			\$0

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1	Q	Amaranthus brownii (=Sci. name)	Amaranthus brownii	E			\$0
4	Q	Amaranth, seabeach	Amaranthus pumilus	T			\$0
2	Q	Ambrosia, south Texas	Ambrosia cheiranthifolia	E			\$0
4	Q	Amphianthus, little	Amphianthus pusillus	T			\$0
1	Q	'Anaunau	Lepidium arbuscula	E			\$0
1	Q	'Anunu	Sicyos alba	E			\$0
4	Q	Aristida chaseae (=Sci name)	Aristida chaseae	E			\$0
4	Q	Arrowhead, bunched	Sagittaria fasciculata	E			\$0
3	Q	Aster, decurrent false	Boltonia decurrens	T			\$0
4	Q	Aster, Florida golden	Chrysopsis floridana	E			\$0
4	Q	Aster, Ruth's golden	Pityopsis ruthii	E			\$0
4	Q	Auerodendron pauciflorum (=Sci name)	Auerodendron pauciflorum	E			\$0
1	Q	Aupaka	Isodendron hosakae	E			\$0
1	Q	Aupaka	Isodendron laurifolium	E			\$0
1	Q	Aupaka	Isodendron longifolium	T			\$0
4	Q	Avens, spreading	Geum radiatum	E			\$0
1	Q	'Awikiwiki	Canavalia molokaiensis	E			\$0
1	Q	'Awiwi	Hedyotis cookiana	E			\$0
1	Q	'Awiwi	Centaurium sebaeoides	E			\$0
2	Q	Ayenia, Texas	Ayenia limitaris	E			\$0
1	Q	Baccharis, Encinitis	Baccharis vanessae	T			\$0
1	Q	Barberry, island	Berberis pinnata ssp. insularis	E			\$0
1	Q	Barberry, Truckee	Berberis sonnei	E			\$0
4	Q	Bariaco	Trichilia triacantha	E			\$0
5	Q	Beaked-rush, Knieskern's	Rhynchospora knieskernii	T			\$0
6	Q	Beardtongue, Penland	Penstemon penlandii	E			\$0
4	Q	Beargrass, Britton's	Nolina brittoniana	E			\$0
6	Q	Bear-poppy, dwarf	Arctomecon humilis	E	\$14,000		\$14,000
4	Q	Beauty, Harper's	Harperocallis flava	E			\$0
1	Q	Bedstraw, El Dorado	Galium californicum ssp. sierrae	E			\$0
1	Q	Bedstraw, island	Galium buxifolium	E			\$0
4	Q	Bellflower, Brooksville	Campanula robinsiae	E			\$0
1	Q	Bidens, cuneate	Bidens cuneata	E			\$0
5	Q	Birch, Virginia round-leaf	Betula uber	T			\$0
1	Q	Bird's beak, palmate-bracted	Cordylanthus palmatus	E			\$0
1	Q	Bird's-beak, Pennell's	Cordylanthus tenuis ssp. capillaris	E			\$0
1	Q	Bird's-beak, salt marsh	Cordylanthus maritimus ssp. maritimus	E			\$0
1	Q	Bird's-beak, soft	Cordylanthus mollis ssp. mollis	E			\$0
4	Q	Birds-in-a-nest, white	Macbridea alba	T			\$0
4	Q	Bittercress, small-anthered	Cardamine micranthera	E			\$0
6	Q	Bladderpod, Dudley Bluffs	Lesquerella congesta	T	\$7,000		\$7,000
6	Q	Bladderpod, kodachrome	Lesquerella tumulosa	E	\$15,000		\$15,000
4	Q	Bladderpod, lyrata	Lesquerella lyrata	T			\$0

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3	Q	Bladderpod, Missouri	Lesquerella filiformis	E			\$0
1	Q	Bladderpod, San Bernardino Mountains	Lesquerella kingii ssp. bernardina	E			\$0
4	Q	Bladderpod, Spring Creek	Lesquerella perforata	E			\$0
2	Q	Bladderpod, white	Lesquerella pallida	E			\$0
1	Q	Blazingstar, Ash Meadows	Mentzelia leucophylla	T			\$0
4	Q	Blazingstar, Heller's	Liatris helleri	T			\$0
4	Q	Blazingstar, scrub	Liatris ohlingerae	E			\$0
1	Q	Bluecurls, Hidden Lake	Trichostema austromontanum ssp. compactum	T			\$0
1	Q	Bluegrass, Hawaiian	Poa sandvicensis	E			\$0
1	Q	Bluegrass, Mann's	Poa mannii	E			\$0
1	Q	Bluegrass, Napa	Poa napensis	E			\$0
1	Q	Bluegrass, San Bernardino	Poa atropurpurea	E			\$0
2	Q	Blue-star, Kearney's	Amsonia kearneyana	E	\$6,000		\$6,000
4	Q	Bluet, Roan Mountain	Hedyotis purpurea var. montana	E			\$0
1	Q	Bonamia menziesii (=Sci name)	Bonamia menziesii	E			\$0
4	Q	Bonamia, Florida	Bonamia grandiflora	T			\$0
4	Q	Boxwood, Vahl's	Buxus vahlii	E			\$0
1	Q	Brodiaea, Chinese Camp	Brodiaea pallida	T			\$0
1	Q	Broom, San Clemente Island	Lotus dendroideus ssp. traskiae	E			\$0
1	Q	Buckwheat, cushenbury	Eriogonum ovalifolium var. vineum	E			\$0
4	Q	Buckwheat, scrub	Eriogonum longifolium var. gnaphalifolium	T			\$0
1	Q	Buckwheat, steamboat	Eriogonum ovalifolium var. williamsiae	E			\$0
5	Q	Bulrush, Northeastern (=barbed bristle)	Scirpus ancistrochaetus	E			\$0
3	Q	Bush-clover, prairie	Lespedeza leptostachya	T			\$0
1	Q	Bush-mallow, San Clemente Island	Malacothamnus clementinus	E			\$0
1	Q	Bush-mallow, Santa Cruz Island	Malacothamnus fasciculatus var. nesioticus	E			\$0
6	Q	Buttercup, autumn	Ranunculus acrifolius var. aestivalis	E			\$0
1	Q	Butterweed, Layne's	Senecio layneae	T			\$0
4	Q	Butterwort, Godfrey's	Pinguicula ionantha	T	\$300		\$300
1	Q	Button-celery, San Diego	Eryngium aristulatum var. parishii	E			\$0
4	Q	Button, Mohr's Barbara	Marshallia mohrii	T			\$0
2	Q	Cactus, Arizona hedgehog	Echinocereus triglochidiatus var. arizonicus	E			\$0
1	Q	Cactus, Bakersfield	Opuntia treleasei	E	\$500		\$500
2	Q	Cactus, black lace	Echinocereus reichenbachii var. albertii	E			\$0
2	Q	Cactus, Brady pincushion	Pediocactus bradyi	E	\$3,000		\$3,000
2	Q	Cactus, bunched cory	Coryphantha ramillosa	T			\$0
2	Q	Cactus, Chisos Mtn. hedgehog	Echinocereus chisoensis var. chisoensis	T			\$0
2	Q	Cactus, Cochise pincushion	Coryphantha robbinsorum	T			\$0
4	Q	Cactus, Key tree	Pilosocereus robinii	E			\$0
2	Q	Cactus, Knowlton	Pediocactus knowltonii	E	\$6,500		\$6,500
2	Q	Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	E	\$20,000		\$20,000
2	Q	Cactus, Lee pincushion	Coryphantha sneedii var. leei	T	\$10,000		\$10,000
2	Q	Cactus, Lloyd's hedgehog	Echinocereus lloydii	E			\$0

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2	Q	Cactus, Lloyd's Mariposa	Echinomastus mariposensis	T			\$0
2	Q	Cactus, Mesa Verde	Sclerocactus mesae-verdae	T	\$11,000		\$11,000
2	Q	Cactus, Nellie cory	Escobaria minima	E			\$0
2	Q	Cactus, Nichol's Turk's head	Echinocactus horzonthalonius var. nicholii	E	\$2,000		\$2,000
2	Q	Cactus, Peebles Navajo	Pediocactus peeblesianus var. peeblesianus	E	\$3,000		\$3,000
2	Q	Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	E	\$6,000		\$6,000
6	Q	Cactus, San Rafael	Pediocactus despainii	E	\$13,000		\$13,000
2	Q	Cactus, Siler pincushion	Pediocactus sileri	T	\$5,000		\$5,000
2	Q	Cactus, Sneed pincushion	Coryphantha sneedii var. sneedii	E	\$1,000		\$1,000
2	Q	Cactus, star	Astrophytum asterias	E			\$0
2	Q	Cactus, Tobusch fishhook	Ancistrocactus tobuschii	E			\$0
6	Q	Cactus, Unita Basin hookless	Sclerocactus glaucus	T	\$13,000		\$13,000
6	Q	Cactus, Winkler	Pediocactus winkleri	T	\$30,500		\$30,500
6	Q	Cactus, Wright fishhook	Sclerocactus wrightiae	E	\$12,500		\$12,500
4	Q	Calyptranthes thomasiana (=Sci name)	Calyptranthes thomasiana	E			\$0
4	Q	Campion, fringed	Silene polypetala	E			\$0
4	Q	Capa rosa	Callicarpa ampla	E			\$0
2	Q	Cat's-eye, Terlingua Creek	Cryptantha crassipes	E			\$0
1	Q	Ceanothus, coyote (=California-lilac, Coyote	Ceanothus ferrisae	E			\$0
1	Q	Ceanothus, Pine Hill	Ceanothus roderickii	E			\$0
1	Q	Centaury, spring-loving	Centaureum namophilum	T			\$0
1	Q	Chaff-flower, round-leaved	Achyranthes splendens var. rotundata	E			\$0
4	Q	Chaffseed, American	Schwalbea americana	E			\$0
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci	Chamaecrista glandulosa var. mirabilis	E			\$0
1	Q	Chamaesyce halemanui (=Sci name)	Chamaesyce halemanui	E			\$0
1	Q	Checker-mallow, Kenwood Marsh	Sidalcea oregana ssp. valida	E			\$0
1	Q	Checker-mallow, Nelson's	Sidalcea nelsoniana	T			\$0
1	Q	Checker-mallow, pedate	Sidalcea pedata	E			\$0
4	Q	Chumbo, higo	Harrisia portoricensis	T			\$0
4	Q	Chupacallos (=Chupagallo)	Pleodendron macranthum	E			\$0
5	Q	Cinquefoil, Robbins'	Potentilla robbinsiana	E			\$0
1	Q	Clarkia, Pismo	Clarkia speciosa ssp. immaculata	E			\$0
1	Q	Clarkia, Presidio	Clarkia franciscana	E			\$0
1	Q	Clarkia, Springville	Clarkia springvillensis	T	\$1,000		\$1,000
1	Q	Clarkia, Vine Hill	Clarkia imbricata	E			\$0
2	Q	Cliff-rose, Arizona	Purshia subintegra	E	\$7,000		\$7,000
1	Q	Clover, Monterey (=Del Monte)	Trifolium trichocalyx	E			\$0
3	Q	Clover, running buffalo	Trifolium stoloniferum	E			\$0
1	Q	Clover, showy Indian	Trifolium amoenum	E			\$0
4	Q	Coneflower, smooth	Echinacea laevigata	E			\$0
4	Q	Coneflower, Tennessee purple	Echinacea tennesseensis	E			\$0
4	Q	Cordia bellonis	Cordia bellonis	E			\$0
4	Q	Cranichis ricartii (=Sci name)	Cranichis ricartii	E			\$0

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6	Q	Cress, toad-flax	Schoenocrambe suffrutescens	E			\$0
1	Q	Crownbeard, big-leaved	Verbesina dissita	T			\$0
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	Cyanea macrostegia ssp. gibsonii	E			\$0
1	Q	Cyanea superba (=Sci name)	Cyanea superba	E			\$0
1	Q	Cyanea undulata (=Sci name)	Cyanea undulata	E			\$0
2	Q	Cycladenia, Jones	Cycladenia humilis var. jonesii	T	\$3,000		\$3,000
3	Q	Daisy, lakeside	Hymenoxys herbacea (=acaulis var. glabra^)	T			\$0
6	Q	Daisy, Maguire	Erigeron maguirei var. maguirei	E	\$13,000		\$13,000
1	Q	Daisy, Parish's	Erigeron parishii	T			\$0
4	Q	Daphnopsis hellerana (=Sci name)	Daphnopsis hellerana	E			\$0
2	Q	Dawn-flower, Texas prairie	Hymenoxys texana	E			\$0
1	Q	Delissea rhytidosperra (=Sci name)	Delissea rhytidosperra	E			\$0
1	Q	Delissea undulata (=Sci name)	Delissea undulata	E			\$0
2	Q	Dogweed, ashy	Thymophylla tephroleuca	E			\$0
4	Q	Dropwort, Canby's	Oxypolis canbyi	E			\$0
1	Q	Dubautia latifolia (=Sci name)	Dubautia latifolia	E			\$0
1	Q	Dubautia pauciflora (=Sci name)	Dubautia pauciflora	E			\$0
1	Q	Dudleya, Conejo	Dudleya abramsii ssp. parva	T			\$0
1	Q	Dudleya, Marcescent	Dudleya cymosa ssp. marcescens	T			\$0
1	Q	Dudleya, Santa Clara Valley	Dudleya setchellii	E			\$0
1	Q	Dudleya, Santa Cruz Island	Dudleya nesiotica	T			\$0
1	Q	Dudleya, Verity's	Dudleya verityi	T			\$0
1	Q	Dudleyea, Santa Monica Mountains	Dudleyea cymosa ssp. ovatifolia	T			\$0
1	Q	Dwarf-flax, Marin	Hesperolinon congestum	T			\$0
4	Q	Erubia	Solanum drymophilum	E			\$0
4	Q	Eugenia woodburyana (=Sci name)	Eugenia woodburyana	E			\$0
1	Q	Evening-primrose, Antioch Dunes	Oenothera deltooides ssp. howellii	E			\$0
1	Q	Evening-primrose, Eureka Valley	Oenothera avita ssp. eurekaensis	E			\$0
1	Q	Evening-primrose, San Benito	Camissonia benitensis	T			\$0
1	Q	Fiddleneck, Large-flowered	Amsinckia grandiflora	E			\$0
1	Q	Flannelbush, Pine Hill	Fremontodendron californicum ssp. decumbens	E			\$0
2	Q	Fleabane, Rhizome	Erigeron rhizomatus	T	\$12,000		\$12,000
1	Q	Four-o'clock, MacFarlane's	Mirabilis macfarlanei	E	\$15,000		\$15,000
2	Q	Frankenia, Johnston's	Frankenia johnstonii	E			\$0
1	Q	Fringepod (=lacepod), Santa Cruz Island	Thysanocarpus conchuliferus	E			\$0
1	Q	Gahnia lanaiensis (=Sci name)	Gahnia lanaiensis	E			\$0
1	Q	Gardenia, Hawaiian (na`u)	Gardenia brighamii	E			\$0
4	Q	Geocarpon minimum (=Sci name)	Geocarpon minimum	T			\$0
1	Q	Geranium, Hawaiian red-flowered	Geranium arboreum	E			\$0
5	Q	Gerardia, sandplain	Agalinis acuta	E			\$0
4	Q	Gesneria pauciflora (=Sci name)	Gesneria pauciflora	T			\$0
1	Q	Gilia, Hoffmann's slender-flowered	Gilia tenuiflora ssp. hoffmannii	E			\$0
1	Q	Gilia, Monterey	Gilia tenuiflora ssp. arenaria	E			\$0

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Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
4	Q	Goetzea, beautiful (matabuey)	Goetzea elegans	E			\$0
4	Q	Goldenrod, Blue Ridge	Solidago spithamaea	T			\$0
3	Q	Goldenrod, Houghton's	Solidago houghtonii	T			\$0
4	Q	Goldenrod, Short's	Solidago shortii	E			\$0
4	Q	Goldenrod, white-haired	Solidago albopilosa	T			\$0
1	Q	Goldfields, Burke's	Lasthenia burkei	E			\$0
1	Q	Goldfields, Contra Costa	Lasthenia conjugens	E			\$0
4	Q	Gooseberry, Miccosukee (Florida)	Ribes echinellum	T			\$0
1	Q	Gouania hillebrandii (=Sci name)	Gouania hillebrandii	E			\$0
1	Q	Gouania meyenii (=Sci name)	Gouania meyenii	E			\$0
1	Q	Gouania vitifolia (=Sci name)	Gouania vitifolia	E			\$0
4	Q	Gourd, Okeechobee	Cucurbita okeechobeensis ssp. okeechobeensis	E			\$0
1	Q	Grass, California Orcutt	Orcuttia californica	E			\$0
1	Q	Grass, Colusa	Neostapfia colusana	T			\$0
1	Q	Grass, Eureka Dune	Swallenia alexandrae	E			\$0
1	Q	Grass, Solano	Tuctoria mucronata	E			\$0
4	Q	Grass, Tennessee yellow-eyed	Xyris tennesseensis	E			\$0
4	Q	Ground-plum, Guthrie's	Astragalus bibullatus	E			\$0
2	Q	Groundsel, San Francisco Peaks	Senecio franciscanus	T			\$0
1	Q	Gumplant, Ash Meadows	Grindelia fraxino-pratensis	T			\$0
1	Q	Haha	Cyanea grimesiana ssp. grimesiana	E			\$0
1	Q	Haha	Cyanea hamatiflora ssp. carlsonii	E			\$0
1	Q	Haha	Cyanea stictophylla	E			\$0
1	Q	Haha	Cyanea truncata	E			\$0
1	Q	Haha	Cyanea mceldowneyi	E			\$0
1	Q	Haha	Cyanea grimesiana spp. obatae	E			\$0
1	Q	Haha	Cyanea koolauensis	E			\$0
1	Q	Haha	Cyanea lobata	E			\$0
1	Q	Haha	Cyanea remyi	E			\$0
1	Q	Haha	Cyanea mannii	E			\$0
1	Q	Haha	Cyanea recta	T			\$0
1	Q	Haha	Cyanea procera	E			\$0
1	Q	Haha	Cyanea platyphylla	E			\$0
1	Q	Haha	Cyanea pinnatifida	E			\$0
1	Q	Haha	Cyanea dunbarii	E			\$0
1	Q	Haha	Cyanea longiflora	E			\$0
1	Q	Haha	Cyanea (=Rollandia) st-johnii	E			\$0
1	Q	Haha	Cyanea asarifolia	E			\$0
1	Q	Haha	Cyanea copelandii ssp. copelandii	E			\$0
1	Q	Haha	Cyanea acuminata	E			\$0
1	Q	Haha	Cyanea (=Rollandia) humboldtiana	E			\$0
1	Q	Haha	Cyanea shipmannii	E			\$0
1	Q	Ha'iwale	Cyrtandra munroi	E			\$0

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1	Q	Ha`iwale	Cyrtandra tintinnabula	E			\$0
1	Q	Ha`iwale	Cyrtandra viridiflora	E			\$0
1	Q	Ha`iwale	Cyrtandra giffardii	E			\$0
1	Q	Ha`iwale	Cyrtandra subumbellata	E			\$0
1	Q	Ha`iwale	Cyrtandra crenata	E			\$0
1	Q	Ha`iwale	Cyrtandra dentata	E			\$0
1	Q	Ha`iwale	Cyrtandra limahuliensis	T			\$0
1	Q	Ha`iwale	Cyrtandra polyantha	E			\$0
1	Q	Hala pepe	Pleomele hawaiiensis	E			\$0
1	Q	Haplostachys haplostachya (=Sci name)	Haplostachys haplostachya	E			\$0
4	Q	Harebells, Avon Park	Crotalaria avonensis	E			\$0
5	Q	Harperella	Ptilimnium nodosum	E			\$0
1	Q	Hau kuahiwi	Hibiscadelphus giffardianus	E			\$0
1	Q	Hau kuahiwi	Hibiscadelphus woodii	E			\$0
1	Q	Hau kuahiwi, Hualalai	Hibiscadelphus hualalaiensis	E			\$0
4	Q	Heartleaf, dwarf-flowered	Hexastylis naniflora	T			\$0
4	Q	Heather, mountain golden	Hudsonia montana	T			\$0
1	Q	Heau	Exocarpos luteolus	E			\$0
1	Q	Hedyotis degeneri (=Sci name)	Hedyotis degeneri	E			\$0
1	Q	Hedyotis parvula (=Sci name)	Hedyotis parvula	E			\$0
1	Q	Hedyotis, Na Pali beach	Hedyotis st.-johnii	E			\$0
1	Q	Hesperomannia arborescens (=Sci name)	Hesperomannia arborescens	E			\$0
1	Q	Hesperomannia arbuscula (=Sci name)	Hesperomannia arbuscula	E			\$0
1	Q	Hesperomannia lydgatei (=Sci name)	Hesperomannia lydgatei	E			\$0
1	Q	Hibiscus, Clay's	Hibiscus clayi	E			\$0
4	Q	Higuero de Sierra	Crescentia portoricensis	E			\$0
1	Q	Holei	Ochrosia kilauaeaensis	E			\$0
4	Q	Holly, Cook's	Ilex cookii	E			\$0
6	Q	Howellia, water	Howellia aquatilis	T	\$3,000		\$3,000
4	Q	Hypericum, highlands scrub	Hypericum cumulicola	E			\$0
4	Q	Ilex sintenisii (=Sci name)	Ilex sintenisii	E			\$0
1	Q	Iliau, dwarf	Wilkesia hobdyi	E			\$0
1	Q	Indian paintbrush, San Clemente Island	Castilleja grisea	E			\$0
2	Q	Ipomopsis, Holy Ghost	Ipomopsis sancti-spiritus	E			\$0
4	Q	Irisette, white	Sisyrinchium dichotomum	E			\$0
3	Q	Iris, dwarf lake	Iris lacustris	T			\$0
1	Q	Ischaemum, Hilo	Ischaemum byrone	E			\$0
1	Q	Ivesia, Ash Meadows	Ivesia kingii var. eremica	T			\$0
4	Q	Jacquemontia, beach	Jacquemontia reclinata	E			\$0
1	Q	Jewelflower, California	Caulanthus californicus	E	\$15,000		\$15,000
1	Q	Jewelflower, Metcalf Canyon	Streptanthus albidus ssp. albidus	E			\$0
1	Q	Jewelflower, Tiburon	Streptanthus niger	E			\$0
5	Q	Joint-vetch, sensitive	Aeschynomene virginica	T			\$0

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1	Q	Kamakahala	Labordia cyrtandrae	E			\$0
1	Q	Kamakahala	Labordia tinifolia var. wahiawaensis	E			\$0
1	Q	Kamakahala	Labordia lydgatei	E			\$0
1	Q	Kauai hau kuahiwi	Hibiscadelphus distans	E			\$0
1	Q	Kaula	Colubrina oppositifolia	E			\$0
1	Q	Kaulu	Pteralyxia kauaiensis	E			\$0
1	Q	Kio'ele	Hedyotis coriacea	E			\$0
1	Q	Kiponapona	Phyllostegia racemosa	E			\$0
1	Q	Koki'o (=hau-hele'ula or Hawaii tree cotton)	Kokia drynarioides	E			\$0
1	Q	Koki'oke'oke'o	Hibiscus waimeae ssp. hannerae	E			\$0
1	Q	Koki'oke'oke'o	Hibiscus arnottianus ssp. immaculatus	E			\$0
1	Q	Koki'o, Cooke's	Kokia cookei	E			\$0
1	Q	Koki'o, Kaua'i	Kokia kauaiensis	E			\$0
1	Q	Kolea	Myrsine juddii	E			\$0
1	Q	Kolea	Myrsine linearifolia	T			\$0
1	Q	Ko'oko'olau	Bidens wiebkei	E			\$0
1	Q	Ko'oko'olau	Bidens micrantha ssp. kalealaha	E			\$0
1	Q	Ko'oloa'ula	Abutilon menziesii	E			\$0
1	Q	Kuahiwi, laukahi	Plantago princeps	E			\$0
1	Q	Kuahiwi, laukahi	Plantago hawaiiensis	E			\$0
1	Q	Kuawawaenohu	Alsiniidendron lychnoides	E			\$0
1	Q	Kula, wahine noho	Isodendron pyriformum	E			\$0
1	Q	Kulu'i	Nototrichium humile	E			\$0
2	Q	Ladies'-tresses, Canelo Hills (=Madrean)	Spiranthes delitescens	E			\$0
2	Q	Ladies'-tresses, Navasota	Spiranthes parksii	E			\$0
6	Q	Ladies'-tresses, Ute	Spiranthes diluvialis	T	\$61,000		\$61,000
1	Q	Lagu, Hyan	Serianthes nelsonii	E			\$0
1	Q	Larkspur, San Clemente Island	Delphinium variegatum ssp. kinkiense	E			\$0
1	Q	Lau'ehu	Panicum niuhauense	E			\$0
1	Q	Laulihilini (=Ma'oli'oli)	Schiedea stellarioides	E			\$0
1	Q	Layia, beach	Layia carnosa	E	\$100,000		\$100,000
4	Q	Lead-plant, Crenulate	Amorpha crenulata	E			\$0
4	Q	Leather flower, Alabama	Clematis socialis	E			\$0
4	Q	Leather flower, Morefield's	Clematis morefieldii	E			\$0
4	Q	Lepanthes eltoroensis (=Sci name)	Lepanthes eltoroensis	E			\$0
4	Q	Leptocereus grantianus (=Sci name)	Leptocereus grantianus	E			\$0
1	Q	Lessingia, San Francisco	Lessingia germanorum (=L. g. var. germanorum)	E			\$0
1	Q	Liliwai	Acaena exigua	E			\$0
3	Q	Lily, Minnesota trout	Erythronium propullans	E			\$0
1	Q	Lily, Pitkin Marsh	Lilium pardalinum ssp. pitkinense	E			\$0
1	Q	Lily, Western	Lilium occidentale	E	\$6,000		\$6,000
1	Q	Lipochaeta venosa (=Sci name)	Lipochaeta venosa	E			\$0
1	Q	Liveforever, Santa Barbara Island	Dudleya traskiae	E			\$0

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Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	Q	Lobelia gaudichaudii ssp. koolauensis , (=Sci. name)	Lobelia gaudichaudii var. koolauensis	E			\$0
1	Q	Lobelia monostachya (=Sci. name)	Lobelia monostachya	E			\$0
1	Q	Lobelia niihauensis (=Sci name)	Lobelia niihauensis	E			\$0
1	Q	Lobelia oahuensis (=Sci name)	Lobelia oahuensis	E			\$0
3	Q	Locoweed, Fassett's	Oxytropis campestris var. chartacea	T			\$0
1	Q	Lomatium, Bradshaw's	Lomatium bradshawii	E	\$66,000		\$66,000
4	Q	Loosestrife, rough-leaved	Lysimachia asperulaefolia	E			\$0
1	Q	Loulu	Pritchardia munroi	E			\$0
1	Q	Loulu	Pritchardia viscosa	E			\$0
1	Q	Loulu	Pritchardia napaliensis	E			\$0
1	Q	Loulu	Pritchardia kaalae	E			\$0
1	Q	Loulu	Pritchardia schattaueri	E			\$0
1	Q	Loulu	Pritchardia affinis	E			\$0
5	Q	Lousewort, Furbish	Pedicularis furbishiae	E			\$0
1	Q	Love grass, Fosberg's	Eragrostis fosbergii	E			\$0
1	Q	Lupine, clover	Lupinus tidestromii	E			\$0
4	Q	Lupine, scrub	Lupinus aridorum	E			\$0
4	Q	Lyonia truncata var. proctorii (=Sci name)	Lyonia truncata var. proctorii	E			\$0
1	Q	Lysimachia filifolia (=Sci name)	Lysimachia filifolia	E			\$0
1	Q	Lysimachia lydgatei (=Sci name)	Lysimachia lydgatei	E			\$0
1	Q	Lysimachia maxima (=ternifolia) (=Sci. name)	Lysimachia maxima (=tennifolia)	E			\$0
1	Q	Ma'aloa, Big Island	Neraudia ovata	E			\$0
1	Q	Mahoe	Alectryon macrococcus	E			\$0
1	Q	Makou	Peucedanum sandwicense	T			\$0
1	Q	Malacothrix, island	Malacothrix squalida	E			\$0
1	Q	Mallow, Kern	Eremalche kernensis	E	\$20,000		\$20,000
5	Q	Mallow, Peter's Mountain	Iliamna corei	E			\$0
1	Q	Malacothrix, Santa Cruz Island	Malacothrix indecora	E			\$0
4	Q	Manaca, palma de	Calyptronoma rivalis	T			\$0
2	Q	Manioc, Walker's	Manihot walkerae	E			\$0
1	Q	Manzanita, Del Mar (=Costa Baja, =Eastwood's)	Arctostaphylos glandulosa ssp. crassifolia	E			\$0
1	Q	Manzanita, Morro	Arctostaphylos morroensis	T			\$0
1	Q	Manzanita, pallid	Arctostaphylos pallida	T			\$0
1	Q	Manzanita, Presido (=Raven's)	Arctostaphylos hookeri var. ravenii	E			\$0
1	Q	Manzanita, Santa Rosa Island	Arctostaphylos confertiflora	E			\$0
1	Q	Ma'ohau hele (=biscus, native yellow)	Hibiscus brackenridgei	E			\$0
1	Q	Ma'oli'oli	Schiedea apokremnos	E			\$0
1	Q	Ma'oli'oli	Schiedea kealiae	E			\$0
1	Q	Mapele	Cyrtandra cyaneoides	E			\$0
1	Q	Mariposa lily, Tiburon	Calochortus tiburonensis	T			\$0
1	Q	Mariscus fauriei (=Sci name)	Mariscus fauriei	E			\$0
1	Q	Mariscus pennatiflorus (=Sci name)	Mariscus pennatiflorus	E			\$0
1	Q	Meadowfoam, Butte County	Limnanthes floccosa ssp. californica	E			\$0

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1	Q	Meadowfoam, Sebastopol	Limnanthes vincularis	E			\$0
4	Q	Meadowrue, Cooley's	Thalictrum cooleyi	E			\$0
1	Q	Mehamehame	Flueggea neowawraea	E			\$0
1	Q	Mesa-mint, Otay	Pogogyne nudiuscula	E			\$0
1	Q	Mesa-mint, San Diego	Pogogyne abramsii	E			\$0
4	Q	Milkpea, Small's	Galactia smallii	E			\$0
1	Q	Milk-vetch, Applegate's	Astragalus applegatei	E			\$0
1	Q	Milk-vetch, Ash meadows	Astragalus phoenix	T			\$0
1	Q	Milk-vetch, Braunton's	Astragalus brauntonii	E			\$0
1	Q	Milk-vetch, Clara Hunt's	Astragalus clarianus	E			\$0
1	Q	Milk-vetch, coastal dunes	Astragalus tener var. titi	E			\$0
1	Q	Milk-vetch, Cushenbury	Astragalus albens	E			\$0
6	Q	Milk-vetch, heliotrope	Astragalus montii	T			\$0
5	Q	Milk-vetch, Jesup's	Astragalus robbinsii var. jesupi	E			\$0
2	Q	Milk-vetch, Mancos	Astragalus humillimus	E	\$10,000		\$10,000
6	Q	Milk-vetch, Osterhout	Astragalus osterhoutii	E	\$9,000		\$9,000
2	Q	Milk-vetch, Sentry	Astragalus cremnophylax var. cremnophylax	E			\$0
3	Q	Milkweed, Mead's	Asclepias meadii	T			\$0
6	Q	Milkweed, Welsh's	Asclepias welshii	T	\$31,000		\$31,000
4	Q	Mint, Garrett's (=scrub, in part)	Dicerandra christmanii	E			\$0
4	Q	Mint, Lakela's	Dicerandra immaculata	E			\$0
4	Q	Mint, longspurred	Dicerandra cornutissima	E			\$0
4	Q	Mint, scrub	Dicerandra frutescens	E			\$0
4	Q	Mitracarpus maxwelliae (=Sci name)	Mitracarpus maxwelliae	E			\$0
4	Q	Mitracarpus polycladus (=Sci name)	Mitracarpus polycladus	E			\$0
3	Q	Monkey-flower, Michigan	Mimulus glabratus var. michiganensis	E			\$0
3	Q	Monkshood, northern wild	Aconitum noveboracense	T			\$0
1	Q	Morning-glory, Stebbins'	Calystegia stebbinsii	E			\$0
1	Q	Mountain balm, Indian Knob	Eriodictyon altissimum	E			\$0
1	Q	Mountain-mahogany, Catalina Island	Cercocarpus traskiae	E			\$0
1	Q	Munroidendron racemosum (=Sci name)	Munroidendron racemosum	E			\$0
4	Q	Mustard, Carter's	Warea carteri	E			\$0
6	Q	Mustard, Penland alpine fen	Eutrema penlandii	T	\$6,000		\$6,000
1	Q	Mustard, slender-petaled	Thelypodium stenopetalum	E			\$0
4	Q	Myrcia paganii (=Sci name)	Myrcia paganii	E			\$0
1	Q	Na'ena'e	Dubautia herbstobatae	E			\$0
1	Q	Nani wai'ale'ale	Viola kauaiensis var. wahiawaensis	E			\$0
1	Q	Nanu	Gardenia mannii	E			\$0
1	Q	Naupaka, dwarf	Scaevola coriacea	E			\$0
1	Q	Navarretia, few-flowered	Navarretia leucocephala ssp. pauciflora	E			\$0
1	Q	Navarretia, many-flowered	Navarretia leucocephala ssp. pliantha	E			\$0
4	Q	Negra, cobana	Stahlia monosperma	T			\$0
1	Q	Nehe	Lipochaeta tenuifolia	E			\$0

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1	Q	Nehe	Lipochaeta lobata var. leptophylla	E			\$0
1	Q	Nehe	Lipochaeta micrantha	E			\$0
1	Q	Nehe	Lipochaeta waimeaensis	E			\$0
1	Q	Nehe	Lipochaeta kamolensis	E			\$0
1	Q	Nehe	Lipochaeta fauriei	E			\$0
1	Q	Neraudia angulata (=Sci name)	Neraudia angulata	E			\$0
1	Q	Neraudia sericea (=Sci name)	Neraudia sericea	E			\$0
1	Q	Nioi	Eugenia koolauensis	E			\$0
1	Q	Niterwort, Amargosa	Nitrophila mohavensis	E			\$0
1	Q	Nohoanu	Geranium multiflorum	E			\$0
2	Q	Oak, Hinckley	Quercus hinckleyi	T			\$0
1	Q	'Oha	Delissea subcordata	E			\$0
1	Q	'Oha	Delissea rivularis	E			\$0
1	Q	'Oha wai	Clermontia pyrularia	E			\$0
1	Q	'Oha wai	Clermontia drepanomorpha	E			\$0
1	Q	'Oha wai	Clermontia lindseyana	E			\$0
1	Q	'Oha wai	Clermontia oblongifolia ssp. maiensis	E			\$0
1	Q	'Oha wai	Clermontia oblongifolia ssp. brevipes	E			\$0
1	Q	'Oha wai	Clermontia peleana	E			\$0
1	Q	'Ohai	Sesbania tomentosa	E			\$0
1	Q	'Ohe ohe	Tetraplasandra gymnocarpa	E			\$0
1	Q	'Olulu	Brighamia insignis	E			\$0
1	Q	Opuhe	Urera kaalae	E			\$0
3	Q	Orchid, eastern prairie fringed	Platanthera leucophaea	T			\$0
3	Q	Orchid, western prairie fringed	Platanthera praeclara	T			\$0
1	Q	Orcutt grass, Greene's	Tuctoria greenei	E			\$0
1	Q	Orcutt grass, hairy (=pilose)	Orcuttia pilosa	E			\$0
1	Q	Orcutt grass, Sacramento	Orcuttia viscida	E			\$0
1	Q	Orcutt grass, San Joaquin	Orcuttia inaequalis	T	\$1,000		\$1,000
1	Q	Orcutt grass, slender	Orcuttia tenuis	T			\$0
1	Q	Owl's-clover, fleshy	Castilleja campestris ssp. succulenta	T	\$1,000		\$1,000
1	Q	Oxytheca, cushenbury	Oxytheca parishii var. goodmaniana	E			\$0
1	Q	Paintbrush, ash-grey	Castilleja cinerea	T			\$0
1	Q	Paintbrush, golden	Castilleja levisecta	T			\$0
1	Q	Paintbrush, soft-leaved	Castilleja mollis	E			\$0
1	Q	Paintbrush, Tiburon	Castilleja affinis ssp. neglecta	E			\$0
4	Q	Palo colorado	Ternstroemia luquillensis	E			\$0
4	Q	Palo de jazmin	Styrax portoricensis	E			\$0
4	Q	Palo de Nigua	Cornutia obovata	E			\$0
4	Q	Palo de Ramon	Banara vanderbiltii	E			\$0
1	Q	Pamakani	Tetramolopium capillare	E			\$0
1	Q	Pamakani	Viola chamissoniana ssp. chamissoniana	E			\$0
1	Q	Panicgrass, Carter's	Panicum fauriei var. carieri	E			\$0

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	Q	Pau'ala	Brighamia rockii	E			\$0
4	Q	Pawpaw, beautiful	Deeringothamnus pulchellus	E			\$0
4	Q	Pawpaw, four-petal	Asimina tetramera	E	\$6,000		\$6,000
4	Q	Pawpaw, Rugel's	Deeringothamnus rugelii	E			\$0
4	Q	Pelos del diablo	Aristida portoricensis	E			\$0
2	Q	Pennyroyal, Todsen's	Hedeoma todsenii	E			\$0
6	Q	Penstemon, blowout	Penstemon haydenii	E			\$0
1	Q	Pentachaeta, Lyon's	Pentachaeta lyonii	E			\$0
1	Q	Pentachaeta, white-rayed	Pentachaeta bellidiflora	E			\$0
4	Q	Peperomia, Wheeler's	Peperomia wheeleri	E			\$0
6	Q	Phacelia, clay	Phacelia argillacea	E			\$0
1	Q	Phacelia, island	Phacelia insularis var. insularis	E			\$0
6	Q	Phacelia, North Park	Phacelia formosula	E	\$8,000		\$8,000
2	Q	Phlox, Texas trailing	Phlox nivalis ssp. texensis	E			\$0
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	Phyllostegia glabra var. lanaiensis	E			\$0
1	Q	Phyllostegia hirsuta (=Sci. name)	Phyllostegia hirsuta	E			\$0
1	Q	Phyllostegia kaalaensis (=Sci. name)	Phyllostegia kaalaensis	E			\$0
1	Q	Phyllostegia knudsenii, (=Sci. name)	Phyllostegia knudsenii	E			\$0
1	Q	Phyllostegia mannii (=Sci name)	Phyllostegia mannii	E			\$0
1	Q	Phyllostegia mollis (=Sci name)	Phyllostegia mollis	E			\$0
1	Q	Phyllostegia parviflora (=Sci. name)	Phyllostegia parviflora	E			\$0
1	Q	Phyllostegia velutina (=Sci. name)	Phyllostegia velutina	E			\$0
1	Q	Phyllostegia waimeae (=Sci name)	Phyllostegia waimeae	E			\$0
1	Q	Phyllostegia warshaueri (=Sci. name)	Phyllostegia warshaueri	E			\$0
1	Q	Phyllostegia wawrana, (=Sci. name)	Phyllostegia wawrana	E			\$0
1	Q	Pilo	Hedyotis mannii	E			\$0
4	Q	Pinkroot, gentian	Spigelia gentianoides	E			\$0
5	Q	Pink swamp	Helonias bullata	T			\$0
1	Q	Piperia, Yadon's	Piperia yadonii	E			\$0
2	Q	Pitaya, Davis' green	Echinocereus viridiflorus var. davisii	E			\$0
4	Q	Pitcher-plant, Alabama canebrake	Sarracenia rubra ssp. alabamensis	E			\$0
4	Q	Pitcher-plant, green	Sarracenia oreophila	E			\$0
4	Q	Pitcher-plant, mountain sweet	Sarracenia rubra ssp. jonesii	E			\$0
1	Q	Platanthera holochila (=Sci. name)	Platanthera holochila	E			\$0
4	Q	Plum, scrub	Prunus geniculata	E			\$0
1	Q	Poa siphonoglossa (=Sci name)	Poa siphonoglossa	E			\$0
1	Q	Po'e	Portulaca sclerocarpa	E			\$0
5	Q	Pogonia, small whorled	Isotria medeoloides	T			\$0
4	Q	Polygala, Lewton's	Polygala lewtonii	E			\$0
4	Q	Polygala, tiny	Polygala smallii	E			\$0
4	Q	Pondberry	Lindera melissifolia	E			\$0
2	Q	Pondweed, Little Aguja Creek	Potamogeton clystocarpus	E			\$0
1	Q	Popolo, ku mai (=Popolo, thorny)	Solanum incompletum	E			\$0

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
2	Q	Poppy-mallow, Texas	Callirhoe scabriuscula	E			\$0
2	Q	Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	E	\$3,500		\$3,500
4	Q	Potato-bean, Price's	Apios priceana	T			\$0
1	Q	Potentilla, Hickman's	Potentilla hickmanii	E			\$0
4	Q	Prairie-clover, leafy	Dalea foliosa	E			\$0
4	Q	Prickly-apple, fragrant	Cereus eriophorus var. fragrans	E			\$0
4	Q	Prickly-ash, St. Thomas	Zanthoxylum thomasianum	E			\$0
6	Q	Primrose, Maguire	Primula maguirei	T			\$0
1	Q	Pritchardia remota (=Sci name)	Pritchardia remota	E			\$0
1	Q	Pussypaws, Mariposa	Calyptridium pulchellum	T			\$0
1	Q	Pu'uka'a	Cyperus trachysanthos	E			\$0
4	Q	Rattleweed, hairy	Baptisia arachnifera	E			\$0
6	Q	Reed-mustard, Barneby	Schoenocrambe barnebyi	E			\$0
6	Q	Reed-mustard, clay	Schoenocrambe argillacea	T			\$0
1	Q	Remya kauaiensis (=Sci name)	Remya kauaiensis	E			\$0
1	Q	Remya montgomeryi (=Sci name)	Remya montgomeryi	E			\$0
1	Q	Remya, Maui	Remya mauiensis	E			\$0
4	Q	Rhododendron, Chapman	Rhododendron chapmanii	E			\$0
6	Q	Ridge-cress (=pepper-cress), Barneby	Lepidium barnebyanum	E			\$0
4	Q	Rock-cress	Arabis perstellata	E			\$0
1	Q	Rock-cress, Hoffmann's	Arabis hoffmannii	E			\$0
1	Q	Rock-cress, McDonald's	Arabis mcdonaldiana	E			\$0
1	Q	Rockcress, Santa Cruz Island	Sibara filifolia	E			\$0
5	Q	Rock-cress, shale barren	Arabis serotina	E			\$0
1	Q	Rollandia crispa (=Sci name)	Rollandia crispa	E			\$0
4	Q	Rosa, palo de	Ottoschulzia rhodoxylon	E			\$0
4	Q	Rosemary, Apalachicola	Conradina glabra	E			\$0
4	Q	Rosemary, Cumberland	Conradina verticillata	T			\$0
4	Q	Rosemary, Etonia	Conradina etonia	E			\$0
4	Q	Rosemary, short-leaved	Conradina brevifolia	E			\$0
3	Q	Roseroot, Leedy's	Sedum integrifolium ssp. leedyi	T			\$0
2	Q	Rush-pea, slender	Hoffmannseggia tenella	E			\$0
1	Q	Rush-rose, island	Helianthemum greenei	T			\$0
1	Q	Sandalwood, Lanai or 'ilihi	Santalum freycinetianum var. lanaiense	E			\$0
1	Q	Sandbur, agrimony or Kamanomano	Cenchrus agrimonioides	E			\$0
4	Q	Sandlace	Polygonella myriophylla	E			\$0
2	Q	Sand-verbena, large-fruited	Abronia macrocarpa	E			\$0
1	Q	Sandwort, Bear Valley	Arenaria ursina	T			\$0
4	Q	Sandwort, Cumberland	Arenaria cumberlandensis	E			\$0
1	Q	Sandwort, Marsh	Arenaria paludicola	E			\$0
1	Q	Sanicula mariversa (=Sci name)	Sanicula mariversa	E			\$0
1	Q	Sanicula purpurea (=Sci. name)	Sanicula purpurea	E			\$0
1	Q	Schiedea haleakalensis (=Sci name)	Schiedea haleakalensis	E			\$0

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	Q	Schiedea helleri (=Sci. name)	Schiedea helleri	E			\$0
1	Q	Schiedea hookeri (=Sci. name)	Schiedea hookeri	E			\$0
1	Q	Schiedea kaalae (=Sci. name)	Schiedea kaalae	E			\$0
1	Q	Schiedea kauaiensis (=Sci. name)	Schiedea kauaiensis	E			\$0
1	Q	Schiedea lydgatei (=Sci. name)	Schiedea lydgatei	E			\$0
1	Q	Schiedea membranacea (=Sci. name)	Schiedea membranacea	E			\$0
1	Q	Schiedea nuttallii (=Sci. name)	Schiedea nuttallii	E			\$0
1	Q	Schiedea sarmentosa (=Sci. name)	Schiedea sarmentosa	E			\$0
1	Q	Schiedea spergulina var. leiopoda (=Sci. name)	Schiedea spergulina var. leiopoda	E			\$0
1	Q	Schiedea spergulina var. spergulina (=Sci. name)	Schiedea spergulina var. spergulina	T			\$0
1	Q	Schiedea verticillata (=Sci. name)	Schiedea verticillata	E			\$0
1	Q	Schiedea, Diamond Head	Schiedea adamantis	E			\$0
4	Q	Schoepfia arenaria (=Sci. name)	Schoepfia arenaria	T			\$0
1	Q	Seablite, California	Suaeda californica	E			\$0
2	Q	Sedge, Navajo	Carex specuicola	T	\$1,000		\$1,000
1	Q	Sedge, white	Carex albida	E			\$0
1	Q	Silene alexandri (=Sci. name)	Silene alexandri	E			\$0
1	Q	Silene hawaiiensis (=Sci. name)	Silene hawaiiensis	T			\$0
1	Q	Silene lanceolata (=Sci. name)	Silene lanceolata	E			\$0
1	Q	Silene perlmanii (=Sci. name)	Silene perlmanii	E			\$0
1	Q	Silversword, 'Ahinahina Mauna Kea	Argyroxiphium sandwicense ssp. sandwicense	E			\$0
1	Q	Silversword, Haleakala ('ahinahina)	Argyroxiphium sandwicense ssp. macrocephalum	E			\$0
1	Q	Silversword, Ka'u	Argyroxiphium kauense	E			\$0
4	Q	Skullcap, Florida	Scutellaria floridana	T			\$0
4	Q	Skullcap, large-flowered	Scutellaria montana	E			\$0
4	Q	Snakeroot	Eryngium cuneifolium	E			\$0
2	Q	Snowbells, Texas	Styrax texana	E			\$0
1	Q	Spermolepis hawaiiensis (=Sci. name)	Spermolepis hawaiiensis	E			\$0
1	Q	Spineflower, Ben Lomond	Chorizanthe pungens-var. hartwegiana	E			\$0
1	Q	Spineflower, Howell's	Chorizanthe howellii	E			\$0
1	Q	Spineflower, Monterey	Chorizanthe pungens var. pungens	T			\$0
1	Q	Spineflower, Orcutt's	Chorizanthe orcuttiana	E			\$0
1	Q	Spineflower, Robust (incl. Scotts Valley)	Chorizanthe robusta (incl. vars. robusta & hartwegii)	E			\$0
1	Q	Spineflower, slender-horned	Dodecahema leptoceras	E			\$0
1	Q	Spineflower, Sonoma	Chorizanthe valida	E			\$0
5	Q	Spiraea, Virginia	Spiraea virginiana	T			\$0
4	Q	Spurge, deltoide	Chamaesyce deltoidea ssp. deltoidea	E			\$0
4	Q	Spurge, Garber's	Chamaesyce garberi	T			\$0
1	Q	Spurge, Hoover's	Chamaesyce hooveri	T			\$0
4	Q	Spurge, telephus	Euphorbia telephioides	T			\$0
1	Q	Stenogyne angustifolia (=Sci. name)	Stenogyne angustifolia	E			\$0
1	Q	Stenogyne bifida (=Sci. name)	Stenogyne bifida	E			\$0
1	Q	Stenogyne campanulata (=Sci. name)	Stenogyne campanulata	E			\$0

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
1	Q	Stenogyne kanehoana (=Sci name)	Stenogyne kanehoana	E			\$0
1	Q	Stonecrop, Lake County	Parvisedum leiocarpum	E			\$0
4	Q	Sumac, Michaux's	Rhus michauxii	E			\$0
1	Q	Sunburst, Hartweg's golden	Pseudobahia bahiifolia	E			\$0
1	Q	Sunburst, San Joaquin adobe	Pseudobahia peirsonii	T			\$0
4	Q	Sunflower, Eggert's	Helianthus eggertii	T			\$0
1	Q	Sunflower, San Mateo woolly	Eriophyllum latilobum	E			\$0
4	Q	Sunflower, Schweinitz's	Helianthus schweinitzii	E			\$0
1	Q	Sunray, Ash Meadows	Enceliopsis nudicaulis var. corrugata	T			\$0
1	Q	Sunshine, Sonoma (=Stickseed, Baker's)	Blennosperma bakeri	E			\$0
1	Q	Taraxacum, California	Taraxacum californicum	E			\$0
4	Q	Ternstroemia subsessilis (=Sci name)	Ternstroemia subsessilis	E			\$0
1	Q	Tetramolopium rockii (=Sci name)	Tetramolopium rockii	T			\$0
1	Q	Tetramolopium arenarium (=Sci name)	Tetramolopium arenarium	E			\$0
1	Q	Tetramolopium filiforme (=Sci name)	Tetramolopium filiforme	E			\$0
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci)	Tetramolopium lepidotum ssp. lepidotum	E			\$0
1	Q	Tetramolopium remyi (=Sci name)	Tetramolopium remyi	E			\$0
1	Q	Thistle, Chorro Creek	Cirsium fontinale var. obispoense	E			\$0
1	Q	Thistle, fountain	Cirsium fontinale var. fontinale	E			\$0
1	Q	Thistle, Loch Lomond coyote	Eryngium constancei	E			\$0
3	Q	Thistle, Pitcher's	Cirsium pitcheri	T			\$0
2	Q	Thistle, Sacramento Mountains	Cirsium vinaceum	T			\$0
1	Q	Thistle, Suisun	Cirsium hydrophilum var. hydrophilum	E			\$0
1	Q	Thormint, San Mateo	Acanthomintha obovata ssp. duttonii	E			\$0
6	Q	Townsendia, Last Chance	Townsendia aprica	T	\$9,000		\$9,000
4	Q	Tree, pygmy fringe	Chionanthus pygmaeus	E			\$0
1	Q	Trematolobelia singularis (=Sci. name)	Trematolobelia singularis	E			\$0
4	Q	Trillium, persistent	Trillium persistens	E			\$0
4	Q	Trillium, relict	Trillium reliquum	E			\$0
6	Q	Twinpod, Dudley Bluffs	Physaria obcordata	T	\$6,000		\$6,000
1	Q	Uhiuhi	Caesalpinia kavaiense	E			\$0
4	Q	Uvillo	Eugenia haematocarpa	E			\$0
4	Q	Vernonia proctorii (=Sci name)	Vernonia proctorii	E			\$0
1	Q	Vervain, Red Hills	Verbena californica	T			\$0
1	Q	Vetch, Hawaiian	Vicia menziesii	E			\$0
1	Q	Vigna o-wahuensis (=Sci name)	Vigna o-wahuensis	E			\$0
1	Q	Viola helenae (=Sci name)	Viola helenae	E			\$0
1	Q	Viola lanaiensis (=Sci name)	Viola lanaiensis	E			\$0
1	Q	Viola oahuensis (=Sci. Name)	Viola oahuensis	E			\$0
1	Q	Wahane (=Hawane or loulou)	Pritchardia aylmer-robinsonii	E			\$0
1	Q	Wallflower, Ben Lomond	Erysimum teretifolium	E			\$0
1	Q	Wallflower, Contra Costa	Erysimum capitatum var. angustatum	E			\$0
1	Q	Wallflower, Menzies'	Erysimum menziesii	E	\$100,000		\$100,000

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
4	Q	Walnut, West Indian or nogal	Juglans jamaicensis	E			\$0
4	Q	Warea, wide-leaf	Warea amplexifolia	E			\$0
1	Q	Watercress, Gambel's	Rorippa gambellii	E			\$0
4	Q	Water-plantain, Kraf's	Sagittaria secundifolia	T			\$0
2	Q	Water-umbel, Huachuca	Lilaeopsis schaffneriana ssp. recurva	E	\$1,000		\$1,000
4	Q	Water-willow, Cooley's	Justicia cooleyi	E			\$0
4	Q	Whitlow-wort, papery	Paronychia chartacea	T			\$0
6	Q	Wild-buckwheat, clay-loving	Eriogonum pelinophilum	E	\$6,000		\$6,000
2	Q	Wild-buckwheat, gypsum	Eriogonum gypsophilum	T			\$0
1	Q	Wild-buckwheat, southern mountain	Eriogonum kennedyi var. austromontanum	T			\$0
2	Q	Wild-rice, Texas	Zizania texana	E			\$0
4	Q	Wings, Pigeon	Clitoria fragrans	T			\$0
1	Q	Wire-lettuce, Malheur	Stephanomeria malheurensis	E	\$2,500		\$2,500
4	Q	Wireweed	Polygonella basiramia	E			\$0
1	Q	Woodland-star, San Clemente Island	Lithophragma maximum	E			\$0
1	Q	Woolly-star, Hoover's	Eriastrum hooveri	T	\$5,000		\$5,000
1	Q	Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	E			\$0
1	Q	Woolly-threads, San Joaquin	Lembertia congdonii	E			\$0
1	Q	Xylosma crenatum (=Sci name)	Xylosma crenatum	E			\$0
4	Q	Ziziphus, florida	Ziziphus celata	E			\$0
1	R	Cypress, Gowen	Cupressus goveniana ssp. goveniana	T			\$0
1	R	Cypress, Santa Cruz	Cupressus abramsiana	E			\$0
4	R	Torreya, Florida	Torreya taxifolia	E			\$0
4	S	Adiantum vivesii (=Sci name)	Adiantum vivesii	E			\$0
1	S	Asplenium fragile var. insulare (=Sci name)	Asplenium fragile var. insulare	E			\$0
1	S	Diellia falcata (=Sci name)	Diellia falcata	E			\$0
1	S	Diellia pallida (=laciniata) (=Sci name)	Diellia pallida (=laciniata)	E			\$0
1	S	Diellia unisora (=Sci name)	Diellia unisora	E			\$0
1	S	Diellia, asplenium-leaved	Diellia erecta	E			\$0
1	S	Diplazium molokaiense (=Sci name)	Diplazium molokaiense	E			\$0
4	S	Elaphoglossum serpens (=Sci name)	Elaphoglossum serpens	E			\$0
4	S	Fern, Alabama streak-sorus	Thelypteris pilosa var. alabamensis	T			\$0
7	S	Fern, Aleutian shield	Polystichum aleuticum	E			\$0
4	S	Fern, American hart's-tongue	Asplenium scolopendrium var. americanum	T			\$0
4	S	Fern, Elfin tree	Cyathea dryopteroides	E			\$0
1	S	Fern, pendant kihl	Adenophorus periens	E			\$0
1	S	Ihi' ihi	Marsilea villosa	E			\$0
1	S	Pauoa	Ctenitis squamigera	E			\$0
4	S	Polystichum calderonense (=Sci name)	Polystichum calderonense	E			\$0
1	S	Pteris lidgatei (=Sci name)	Pteris lidgatei	E			\$0
4	S	Quillwort, black spored	Isoetes melanospora	E			\$0
4	S	Quillwort, Louisiana	Isoetes louisianensis	E			\$0
4	S	Quillwort, mat-forming	Isoetes tegetiformans	E			\$0

Bureau of Land Management - FY1998 Endangered and Threatened Species Expenditures

Lead	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
4	S	Tectaria estremerana (=Sci name)	Tectaria estremerana	E			\$0
4	S	Thelypteris inabonensis (=Sci name)	Thelypteris inabonensis	E			\$0
4	S	Thelypteris verecunda (=Sci name)	Thelypteris verecunda	E			\$0
4	S	Thelypteris yaucoensis (=Sci name)	Thelypteris yaucoensis	E			\$0
1	S	Wawae'iole	Huperzia mannii	E			\$0
1	S	Wawa'iole	Lycopodium nutans	E			\$0
4	U	Cladonia, Florida perforate	Cladonia perforata	E	\$6,000		\$6,000
4	U	Lichen, rock gnome	Gymnoderma lineare	E			\$0



United States Department of the Interior

BUREAU OF RECLAMATION
Washington, D.C. 20240

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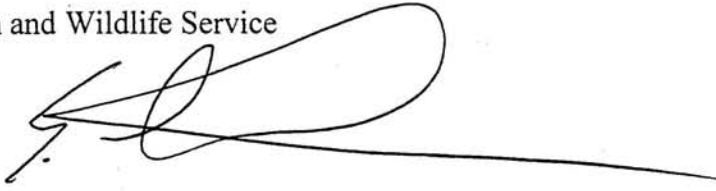
IN REPLY REFER TO:

D-5100

007 25 1999

MEMORANDUM

To: Director, U.S. Fish and Wildlife Service

From: Eluid L. Martinez
Commissioner 

Subject: Report of Expenditures for the Endangered Species Act - Fiscal Year 1998

In response to your letter of March 31, 1999, the attached data have been compiled on the Bureau of Reclamation's Endangered Species Act expenditures for Fiscal Year 1998. We understand this information will be incorporated into your annual report to Congress on agencies' expenditures for threatened and endangered species.

The data has been compiled from figures submitted by our regional and area offices. Expenditures were calculated by combining conservation actions and activities, using the guidance from your office. The data has also been submitted electronically to Ms. Susan Jacobson in your Division of Endangered Species.

For additional information, please contact either Judy Troast at (202) 208-4442 or Theresa Taylor at (303) 445-2806.

Attachment

cc: Ms. Susan Jacobson
U.S. Fish and Wildlife Service
Division of Endangered Species
4401 North Fairfax Drive, MS-420
Arlington, Virginia 22203

Regional Director, Boise ID, Attention: PN-1000, PN-6510 (Christensen)
Regional Director, Sacramento CA, Attention: MP-100, MP-150 (Solomon)
Regional Director, Boulder City NV, Attention: LC-1000, LC-2002 (Hedges),
LC-2311(Gould)
Regional Director, Salt Lake City UT, Attention: UC-100, UC-726 (Morton)
Regional Director, Billings MT, Attention: GP-1000, GP-2100 (Boehmke)
Area Manager, Phoenix AZ, Attention: PXAO-1000, PXAO-1500 (Messing)
Area Manager, Yuma AZ, Attention: YAO-1000, YAO-2240 (Palmer)
(w/att to each)

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Group Reg.	Group	Inverted Common Name	Scientific Name	Status	General 36322.4	Lands 2202	Grand Total 38524.4
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1998 Endangered Species Expenditures Template

Welcome to the working template for reporting 1998 expenditures for endangered and threatened species. Column D gives scientific names; column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . . plants) as in the List. A running total of expenditures for each column is kept under each heading.

NOTE: AMOUNTS IN THOUSANDS OF \$\$\$

If you have any questions, contact Susan Jacobsen at 703/358-2105

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Group Reg.	Group	Inverted Common Name	Scientific Name	Status	General 36322.4	Lands 2202	Grand Total 38524.4
3	A	Bat, gray	<i>Myotis grisescens</i>	E	0	0	0
1	A	Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	E	0	0	0
3	A	Bat, Indiana	<i>Myotis sodalis</i>	E	0	0	0
2	A	Bat, lesser long-nosed	<i>Leptonycteris curasoae yerbabuena</i>	E	0	0	0
1	A	Bat, little Mariana fruit	<i>Pteropus tokudae</i>	E	0	0	0
1	A	Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	E	0	0	0
2	A	Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	E	0	0	0
2	A	Bat, Ozark big-eared	<i>Plecotus townsendii ingens</i>	E	0	0	0
5	A	Bat, Virginia big-eared	<i>Plecotus townsendii virginianus</i>	E	0	0	0
6	A	Bear, grizzly	<i>Ursus arctos</i>	T	35	0	35
4	A	Bear, Louisiana black	<i>Ursus americanus luteolus</i>	T	0	0	0
1	A	Caribou, woodland	<i>Rangifer tarandus caribou</i>	E	0	0	0
5	A	Cougar, eastern	<i>Felis concolor cougar</i>	E	0	0	0
1	A	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	E	0	0	0
4	A	Deer, key	<i>Odocoileus virginianus clavium</i>	E	0	0	0
6	A	Ferret, black-footed	<i>Mustela nigripes</i>	E	1.2	0	1.2
1	A	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	E	412	367	779
2	A	Jaguar	<i>Panthera onca</i>	E	0	0	0
2	A	Jaguarundi	<i>Felis yagouaroundi cacomilli</i>	E	0	0	0
2	A	Jaguarundi	<i>Felis yagouaroundi tolteca</i>	E	0	0	0
1	A	Kangaroo rat, Fresno	<i>Dipodomys nitratoides exilis</i>	E	47	0	47
1	A	Kangaroo rat, giant	<i>Dipodomys ingens</i>	E	15	0	15
1	A	Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	E	0	0	0
1	A	Kangaroo rat, San Bernardino Merriam's	<i>Dipodomys merriami parvus</i>	E	0	0	0
1	A	Kangaroo rat, Stephens'	<i>Dipodomys stephensi</i>	E	0	0	0
1	A	Kangaroo rat, Tipton	<i>Dipodomys nitratoides nitratoides</i>	E	24	0	24
4	A	Manatee, West Indian (=Florida)	<i>Trichechus manatus</i>	E	0	0	0
1	A	Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	E	0	0	0
4	A	Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	E	0	0	0
4	A	Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
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4	A	Mouse, Choctawahatchee beach	<i>Peromyscus polionotus allophrys</i>	E	0	0	0
4	A	Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	E	0	0	0
1	A	Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	E	0	0	0
4	A	Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	E	0	0	0
6	A	Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i>	T	0	0	0
1	A	Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	E	1	0	1
4	A	Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	T	0	0	0
2	A	Ocelot	<i>Felis pardalis</i>	E	0	0	0
1	A	Otter, southern sea	<i>Enhydra lutris nereis</i>	T	0	0	0
4	A	Panther, Florida	<i>Felis concolor coryi</i>	E	0	0	0
6	A	Prairie dog, Utah	<i>Cynomys parvidens</i>	T	0	0	0
2	A	Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	E	0	0	0
4	A	Rabbit, Lower Keys	<i>Sylvilagus palustris hefneri</i>	E	0	0	0
4	A	Rice rat (=silver rice rat)	<i>Oryzomys palustris natator</i>	E	0	0	0
N	A	Sea-lion, Steller	<i>Eumetopias jubatus</i>	E, T	0	0	0
N	A	Seal, Caribbean monk	<i>Monachus tropicalis</i>	E	0	0	0
N	A	Seal, guadalupe fur	<i>Arctocephalus townsendi</i>	T	0	0	0
N	A	Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	E	0	0	0
1	A	Sheep, bighorn (Peninsular Ranges pop. in CA)	<i>Ovis canadensis cremnobates</i>	E	0	0	0
5	A	Shrew, Dismal Swamp southeastern	<i>Sorex longirostris fisheri</i>	T	0	0	0
4	A	Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	E	0	0	0
5	A	Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	E	0	0	0
2	A	Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	E	0	0	0
5	A	Squirrel, Virginia northern flying	<i>Glaucomys sabrinus fuscus</i>	E	0	0	0
1	A	Vole, Amargosa	<i>Microtus californicus scirpensis</i>	E	0	0	0
4	A	Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	E	0	0	0
2	A	Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	E	0	0	0
N	A	Whale, blue	<i>Balaenoptera musculus</i>	E	0	0	0
N	A	Whale, bowhead	<i>Balaena mysticetus</i>	E	0	0	0
N	A	Whale, finback	<i>Balaenoptera physalus</i>	E	0	0	0
N	A	Whale, gray	<i>Eschrichtius robustus</i>	E	0	0	0
N	A	Whale, humpback	<i>Megaptera novaeangliae</i>	E	0	0	0
N	A	Whale, right	<i>Balaena glacialis (incl. australis)</i>	E	0	0	0
N	A	Whale, Sei	<i>Balaenoptera borealis</i>	E	0	0	0
N	A	Whale, sperm	<i>Physeter macrocephalus (=catodon)</i>	E	0	0	0
3	A	Wolf, gray	<i>Canis lupus</i>	E, T	0	0	0
4	A	Wolf, red	<i>Canis rufus</i>	E	0	0	0
4	A	Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	E	0	0	0
1	B	'Akepa, Hawaii (honeycreeper)	<i>Loxops coccineus coccineus</i>	E	0	0	0
1	B	'Akepa, Maui (honeycreeper)	<i>Loxops coccineus ochraceus</i>	E	0	0	0
1	B	'Akialoa, Kauai (honeycreeper)	<i>Hemignathus procerus</i>	E	0	0	0
1	B	'Akiapola'au (honeycreeper)	<i>Hemignathus munroi</i>	E	0	0	0
4	B	Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	E	0	0	0
2	B	Bobwhite, masked (quail)	<i>Colinus virginianus ridgwayi</i>	E	0	0	0

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1	B	Broadbill, Guam	Myiagra freycineti	E	0	0	0
4	B	Caracara, Audubon's crested	Polyborus plancus audubonii	T	0	0	0
1	B	Condor, California	Gymnogyps californianus	E	0	0	0
1	B	Coot, Hawaiian (= 'alae-ke'oke'o)	Fulica americana alai	E	0	0	0
4	B	Crane, Mississippi sandhill	Grus canadensis pulla	E	0	0	0
2	B	Crane, whooping	Grus americana	E	63	0	63
1	B	Creeper, Hawaii	Oreomystis mana	E	0	0	0
1	B	Creeper, Molokai (=kakawahie)	Paroreomyza flammea	E	0	0	0
1	B	Creeper, Oahu (=alauwahio)	Paroreomyza maculata	E	0	0	0
1	B	Crow, Hawaiian (= 'alala)	Corvus hawaiiensis	E	0	0	0
1	B	Crow, Mariana	Corvus kubaryi	E	0	0	0
4	B	Crow, white-necked	Corvus leucognaphalus	E	0	0	0
7	B	Curllew, Eskimo	Numenius borealis	E	1	0	1
1	B	Duck, Hawaiian (=koloa)	Anas wyvilliana	E	0	0	0
1	B	Duck, Laysan	Anas laysanensis	E	0	0	0
3	B	Eagle, bald	Haliaeetus leucocephalus	T	97.2	0	97.2
7	B	Eider, spectacled	Somateria fischeri	T	0	0	0
7	B	Eider, Steller's	Polysticta stelleri	T	0	0	0
1	B	Falcon, American peregrine	Falco peregrinus anatum	E	53	0	53
2	B	Falcon, northern aplomado	Falco femoralis septentrionalis	E	0	0	0
1	B	Finch, Laysan (honeycreeper)	Telespyza cantans	E	0	0	0
1	B	Finch, Nihoa (honeycreeper)	Telespyza ultima	E	0	0	0
2	B	Flycatcher, southwestern willow	Empidonax traillii exlimus	E	3171	105	3276
1	B	Gnatcatcher, coastal California	Poliptila californica californica	T	0	0	0
7	B	Goose, Aleutian Canada	Branta canadensis leucopareia	T	0	0	0
1	B	Goose, Hawaiian (=nene)	Nesochen sandvicensis	E	0	0	0
1	B	Hawk, Hawaiian (=io)	Buteo solitarius	E	0	0	0
4	B	Hawk, Puerto Rican broad-winged	Buteo platypterus brunnescens	E	0	0	0
4	B	Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	E	0	0	0
1	B	Honeycreeper, crested (= 'akohekohe)	Palmeria dolei	E	0	0	0
4	B	Jay, Florida scrub	Aphelocoma coerulescens coerulescens	T	0	0	0
1	B	Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	E	0	0	0
4	B	Kite, Everglade snail	Rostrhamus sociabilis plumbeus	E	0	0	0
1	B	Mallard, Mariana	Anas oustaleti	E	0	0	0
1	B	Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	E	0	0	0
1	B	Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	E	0	0	0
1	B	Monarch, Tinian (old world flycatcher)	Monarcha takatsukasae	T	0	0	0
1	B	Moorhen, Hawaiian common	Gallinula chloropus sandvicensis	E	0	0	0
1	B	Moorhen, Mariana common	Gallinula chloropus guami	E	0	0	0
1	B	Murrelet, marbled	Brachyramphus marmoratus marmoratus	T	0	0	0
4	B	Nightjar, Puerto Rican	Caprimulgus noctitherus	E	0	0	0
1	B	Nukupu'u (honeycreeper)	Hemignathus lucidus	E	0	0	0
1	B	'O'o, Kauai (= 'o'o 'a'a) (honeyeater)	Moho braccatus	E	0	0	0
1	B	'O'u (honeycreeper)	Psittirostra psittacea	E	0	0	0

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2	B	Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	T	2	0	2
1	B	Owl, northern spotted	<i>Strix occidentalis caurina</i>	T	0	0	0
1	B	Paliia (honeycreeper)	<i>Loxioides bailleui</i>	E	0	0	0
4	B	Parrot, Puerto Rican	<i>Amazona vittata</i>	E	0	0	0
1	B	Parrotbill, Maui (honeycreeper)	<i>Pseudonestor xanthophrys</i>	E	0	0	0
1	B	Pelican, brown	<i>Pelecanus occidentalis</i>	E	0	0	0
1	B	Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	E	0	0	0
4	B	Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	E	0	0	0
3	B	Plover, piping	<i>Charadrius melodus</i>	E, T	34	0	34
1	B	Plover, western snowy	<i>Charadrius alexandrinus nivosus</i>	T	0	0	0
1	B	Po'ouli (honeycreeper)	<i>Melamprosops phaeosoma</i>	E	0	0	0
2	B	Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	E	0	0	0
2	B	Pygmy-owl, cactus ferruginous	<i>Glaucidium brasilianum cactorum</i>	E	2	0	2
1	B	Rail, California clapper	<i>Rallus longirostris obsoletus</i>	E	1	0	1
1	B	Rail, Guam	<i>Rallus owstoni</i>	E	0	0	0
1	B	Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	E	0	0	0
2	B	Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	E	8	0	8
1	B	Shearwater, Newell's Townsend's (formerly Man)	<i>Puffinus auricularis newelli</i>	T	0	0	0
1	B	Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	E	0	0	0
4	B	Sparrow, Cape Sable seaside	<i>Ammodramus maritimus mirabilis</i>	E	0	0	0
4	B	Sparrow, Florida grasshopper	<i>Ammodramus savannarum floridanus</i>	E	0	0	0
1	B	Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	T	0	0	0
1	B	Stilt, Hawaiian (=ae'o)	<i>Himantopus mexicanus knudseni</i>	E	0	0	0
4	B	Stork, wood	<i>Mycteria americana</i>	E	0	0	0
1	B	Swiftlet, Mariana gray (=vanikoro)	<i>Aerodramus vanikorensis bartschi</i>	E	0	0	0
1	B	Tern, California least	<i>Sterna antillarum browni</i>	E	0	0	0
3	B	Tern, least	<i>Sterna antillarum</i>	E	33	0	33
5	B	Tern, roseate	<i>Sterna dougallii dougallii</i>	E, T	0	0	0
1	B	Thrush, large Kauai	<i>Myadestes myadestinus</i>	E	0	0	0
1	B	Thrush, Molokai (=oloma'o)	<i>Myadestes lanaiensis rutha</i>	E	0	0	0
1	B	Thrush, small Kauai (=puaiohi)	<i>Myadestes palmeri</i>	E	0	0	0
2	B	Towhee, Inyo California (=brown)	<i>Pipilo crissalis eremophilus</i>	T	0	0	0
2	B	Vireo, black-capped	<i>Vireo atricapillus</i>	E	0	0	0
1	B	Vireo, least Bell's	<i>Vireo bellii pusillus</i>	E	0	0	0
4	B	Warbler, Bachman's	<i>Vermivora bachmanii</i>	E	0	0	0
2	B	Warbler, golden-cheeked	<i>Dendroica chrysoparia</i>	E	0	0	0
3	B	Warbler, Kirtland's	<i>Dendroica kirtlandii</i>	E	0	0	0
1	B	Warbler, nightingale reed	<i>Acrocephalus luscini</i>	E	0	0	0
1	B	White-eye, bridled	<i>Zosterops conspicillatus conspicillatus</i>	E	0	0	0
4	B	Woodpecker, ivory-billed	<i>Campephilus principalis</i>	E	0	0	0
4	B	Woodpecker, red-cockaded	<i>Picoides borealis</i>	E	0	0	0
4	C	Anole, Culebra Island giant	<i>Anolis roosevelti</i>	E	0	0	0
4	C	Boa, Mona	<i>Epicrates monensis monensis</i>	T	0	0	0
4	C	Boa, Puerto Rican	<i>Epicrates inornatus</i>	E	0	0	0

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4	C	Boa, Virgin Islands tree	<i>Epicrates monensis granti</i>	E	0	0	0
4	C	Crocodile, American	<i>Crocodylus acutus</i>	E	0	0	0
4	C	Gecko, Monito	<i>Sphaerodactylus micropithecus</i>	E	0	0	0
4	C	Iguana, Mona ground	<i>Cyclura stejnegeri</i>	T	0	0	0
1	C	Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	E	17	367	384
1	C	Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	T	0	0	0
1	C	Lizard, Island night	<i>Xantusia riversiana</i>	T	0	0	0
4	C	Lizard, St. Croix ground	<i>Ameiva polops</i>	E	0	0	0
2	C	Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	T	0	0	0
4	C	Skink, bluetail mole	<i>Eumeces egregius lividus</i>	T	0	0	0
4	C	Skink, sand	<i>Neoseps reynoldsi</i>	T	0	0	0
4	C	Snake, Atlantic salt marsh	<i>Nerodia clarkii taeniata</i>	T	0	0	0
2	C	Snake, Concho water	<i>Nerodia paucimaculata</i>	T	0	0	0
3	C	Snake, copperbelly water (northern pop.)	<i>Nerodia erythrogaster neglecta</i>	T	0	0	0
4	C	Snake, eastern indigo	<i>Drymarchon corais couperi</i>	T	0	0	0
1	C	Snake, giant garter	<i>Thamnophis gigas</i>	T	65	0	65
1	C	Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	E	0	0	0
1	C	Tortoise, desert	<i>Gopherus agassizii</i>	T	0	0	0
4	C	Tortoise, gopher	<i>Gopherus polyphemus</i>	T	0	0	0
4	C	Turtle, Alabama redbelly (=red-bellied)	<i>Pseudemys alabamensis</i>	E	0	0	0
5	C	Turtle, bog (=Muhlenberg)	<i>Clemmys muhlenbergii</i>	T	0	0	0
4	C	Turtle, flattened musk	<i>Sternotherus depressus</i>	T	0	0	0
2	C	Turtle, green sea	<i>Chelonia mydas</i>	E, T	0	0	0
2	C	Turtle, hawksbill sea (=carey)	<i>Eretmochelys imbricata</i>	E	0	0	0
2	C	Turtle, Kemp's ridley sea	<i>Lepidochelys kempii</i>	E	0	0	0
2	C	Turtle, leatherback sea	<i>Dermochelys coriacea</i>	E	0	0	0
2	C	Turtle, loggerhead sea	<i>Caretta caretta</i>	T	0	0	0
2	C	Turtle, olive ridley sea	<i>Lepidochelys olivacea</i>	E, T	0	0	0
5	C	Turtle, Plymouth redbelly (=red-bellied)	<i>Pseudemys rubriventris bangsi</i>	E	0	0	0
4	C	Turtle, ringed map (=sawback)	<i>Graptemys oculifera</i>	T	0	0	0
4	C	Turtle, yellow-blotched map (=sawback)	<i>Graptemys flavimaculata</i>	T	0	0	0
1	C	Whipsnake, (=striped racer) Alameda	<i>Masticophis lateralis euryxanthus</i>	T	0	0	0
4	D	Coqui, golden	<i>Eleutherodactylus jasperi</i>	T	0	0	0
1	D	Frog, California red-legged	<i>Rana aurora draytonii</i>	T	112	100	212
4	D	Guajon	<i>Eleutherodactylus cooki</i>	T	0	0	0
2	D	Salamander, Barton Springs	<i>Eurycea sosorum</i>	E	0	0	0
5	D	Salamander, Cheat Mountain	<i>Plethodon nettingi</i>	T	0	0	0
1	D	Salamander, desert slender	<i>Batrachoseps aridus</i>	E	0	0	0
4	D	Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	T	0	0	0
2	D	Salamander, San Marcos	<i>Eurycea nana</i>	T	0	0	0
1	D	Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	E	0	0	0
5	D	Salamander, Shenandoah	<i>Plethodon shenandoah</i>	E	0	0	0
2	D	Salamander, Sonoran tiger	<i>Ambystoma tigrinum stebbinsi</i>	E	0	0	0
2	D	Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	E	0	0	0

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1	D	Toad, Arroyo southwestern	<i>Bufo microscaphus californicus</i>	E	0	0	0
2	D	Toad, Houston	<i>Bufo houstonensis</i>	E	0	0	0
4	D	Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	T	0	0	0
6	D	Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	E	0	0	0
2	E	Catfish, Yaqui	<i>Ictalurus pricei</i>	T	0	0	0
4	E	Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	E	0	0	0
4	E	Cavefish, Ozark	<i>Amblyopsis rosae</i>	T	0	0	0
6	E	Chub, bonytail	<i>Gila elegans</i>	E	850	1	851
1	E	Chub, Borax Lake	<i>Gila boraxobius</i>	E	0	0	0
2	E	Chub, Chihuahua	<i>Gila nigrescens</i>	T	0	0	0
6	E	Chub, humpback	<i>Gila cypha</i>	E	1140	2	1142
1	E	Chub, Hutton tui	<i>Gila bicolor ssp.</i>	T	0	0	0
1	E	Chub, Mohave tui	<i>Gila bicolor mohavensis</i>	E	0	0	0
1	E	Chub, Oregon	<i>Oregonichthys crameri</i>	E	0	0	0
1	E	Chub, Owens tui	<i>Gila bicolor snyderi</i>	E	0	0	0
1	E	Chub, Pahrnagat roundtail (=bonytail)	<i>Gila robusta jordani</i>	E	0	0	0
4	E	Chub, slender	<i>Erimystax cahni</i>	T	0	0	0
2	E	Chub, Sonora	<i>Gila ditaenia</i>	T	0	0	0
4	E	Chub, spotfin (=turquoise shiner)	<i>Cyprinella monacha</i>	T	0	0	0
6	E	Chub, Virgin River	<i>Gila robusta semidnuda</i>	E	5	0	5
2	E	Chub, Yaqui	<i>Gila purpurea</i>	E	0	0	0
1	E	Cui-ui	<i>Chasmistes cujus</i>	E	3000	0	3000
1	E	Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	E	0	0	0
4	E	Dace, blackside	<i>Phoxinus cumberlandensis</i>	T	0	0	0
1	E	Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	E	0	0	0
1	E	Dace, desert	<i>Eremichthys acros</i>	T	0	0	0
1	E	Dace, Fosskett speckled	<i>Rhinichthys osculus ssp.</i>	T	0	0	0
1	E	Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	E	0	0	0
6	E	Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	E	0	0	0
1	E	Dace, Moapa	<i>Moapa coriacea</i>	E	0	0	0
4	E	Darter, amber	<i>Percina antesella</i>	E	0	0	0
4	E	Darter, bayou	<i>Etheostoma rubrum</i>	T	0	0	0
4	E	Darter, bluemask (=jewel)	<i>Etheostoma (Doration) sp.</i>	E	0	0	0
4	E	Darter, boulder (=Elk River)	<i>Etheostoma wapiti</i>	E	0	0	0
4	E	Darter, Cherokee	<i>Etheostoma (Ulocentra) sp.</i>	T	0	0	0
4	E	Darter, duskytail	<i>Etheostoma (Catonotus) sp.</i>	E	0	0	0
4	E	Darter, Etowah	<i>Etheostoma etowahae</i>	E	0	0	0
2	E	Darter, fountain	<i>Etheostoma fonticola</i>	E	0	0	0
4	E	Darter, goldline	<i>Percina aurolineata</i>	T	0	0	0
2	E	Darter, leopard	<i>Percina pantherina</i>	T	0	0	0
5	E	Darter, Maryland	<i>Etheostoma sellare</i>	E	0	0	0
3	E	Darter, Niangua	<i>Etheostoma nianguae</i>	T	0	0	0
4	E	Darter, Okaloosa	<i>Etheostoma okaloosae</i>	E	0	0	0
4	E	Darter, relict	<i>Etheostoma chienense</i>	E	0	0	0

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4	E	Darter, slackwater	<i>Etkeostoma boschungii</i>	T	0	0	0
4	E	Darter, snail	<i>Percina tanasi</i>	T	0	0	0
4	E	Darter, watercress	<i>Etkeostoma nuchale</i>	E	0	0	0
2	E	Gambusia, Big Bend	<i>Gambusia gaigei</i>	E	0	0	0
2	E	Gambusia, Clear Creek	<i>Gambusia heterochir</i>	E	0	0	0
2	E	Gambusia, Pecos	<i>Gambusia nobilis</i>	E	0	0	0
2	E	Gambusia, San Marcos	<i>Gambusia georgei</i>	E	0	0	0
1	E	Goby, tidewater	<i>Eucyclogobius newberryi</i>	E	0	0	0
4	E	Loggerhead, Conasauga	<i>Percina jenkinsi</i>	E	0	0	0
5	E	Loggerhead, Roanoke	<i>Percina rex</i>	E	0	0	0
6	E	Madtom, Neosho	<i>Noturus placidus</i>	T	0	0	0
4	E	Madtom, pygmy	<i>Noturus stanauli</i>	E	0	0	0
3	E	Madtom, Scioto	<i>Noturus trautmani</i>	E	0	0	0
4	E	Madtom, Smoky	<i>Noturus baileyi</i>	E	0	0	0
4	E	Madtom, yellowfin	<i>Noturus flavipinnis</i>	T	0	0	0
2	E	Minnnow, loach	<i>Rhinichthys cobitis</i>	T	57	0	57
2	E	Minnnow, Rio Grande silvery	<i>Hybognathus amarus</i>	E	465	0	465
1	E	Poolfish, Pahump	<i>Empetrichthys latos</i>	E	0	0	0
1	E	Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i>	E	0	0	0
2	E	Pupfish, Comanche Springs	<i>Cyprinodon elegans</i>	E	0	0	0
2	E	Pupfish, desert	<i>Cyprinodon macularius</i>	E	6	0	6
1	E	Pupfish, Devils Hole	<i>Cyprinodon diabolis</i>	E	0	0	0
2	E	Pupfish, Leon Springs	<i>Cyprinodon bovinus</i>	E	0	0	0
1	E	Pupfish, Owens	<i>Cyprinodon radiosus</i>	E	0	0	0
1	E	Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	E	0	0	0
N	E	Salmon, chinook, Sacramento R. winter run	<i>Oncorhynchus tshawytscha</i>	T	9	0	9
N	E	Salmon, chinook, Snake R. fall run	<i>Oncorhynchus tshawytscha</i>	T	1545	0	1545
N	E	Salmon, chinook, Snake R. spring/summer run	<i>Oncorhynchus tshawytscha</i>	T	1788	0	1788
N	E	Salmon, coho	<i>Oncorhynchus (=Salmo) kisutch</i>	T	4002	0	4002
N	E	Salmon, sockeye (=red, =blueback), Snake R.	<i>Oncorhynchus nerka</i>	E	1612	0	1612
4	E	Sculpin, pygmy	<i>Cottus pygmaeus</i>	T	0	0	0
2	E	Shiner, beautiful	<i>Cyprinella formosa</i>	T	0	0	0
4	E	Shiner, blue	<i>Cyprinella caerulea</i>	T	0	0	0
4	E	Shiner, Cahaba	<i>Notropis cahabae</i>	E	0	0	0
4	E	Shiner, Cape Fear	<i>Notropis mekistocholas</i>	E	0	0	0
4	E	Shiner, Palezone	<i>Notropis sp.</i>	E	0	0	0
2	E	Shiner, Pecos bluntnose	<i>Notropis simus pecosensis</i>	T	380	0	380
4	E	Silverside, Waccamaw	<i>Menidia extensa</i>	T	0	0	0
1	E	Smelt, delta	<i>Hypomesus transpacificus</i>	T	12	0	12
2	E	Spinedace	<i>Meda fulgida</i>	T	57	0	57
1	E	Spinedace, Big Spring	<i>Lepidomeda mollispinis pratensis</i>	T	0	0	0
2	E	Spinedace, Little Colorado	<i>Lepidomeda vittata</i>	T	0	0	0
1	E	Spinedace, White River	<i>Lepidomeda albivallis</i>	E	0	0	0
1	E	Springfish, Hiko White River	<i>Crenichthys baileyi grandis</i>	E	0	0	0

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1	E	Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	T	0	0	0
1	E	Springfish, White River	<i>Crenichthys baileyi baileyi</i>	E	0	0	0
6	E	Squawfish, Colorado	<i>Ptychocheilus lucius</i>	E	3574	5	3579
N	E	Steelhead (central CA coast)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	T	6	0	6
N	E	Steelhead (Central Valley CA)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	T	0	0	0
N	E	Steelhead (lower Columbia R.)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	T	0	0	0
N	E	Steelhead (Snake R. Basin)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	T	1788	0	1788
N	E	Steelhead (south central CA coast)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	T	0	0	0
N	E	Steelhead (southern CA coast)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	E	0	0	0
N	E	Steelhead (upper Columbia R. Basin)	<i>Oncorhynchus (=Salmo) mykiss gilberti</i>	E	641	0	641
1	E	Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	E	0	0	0
4	E	Sturgeon, Gulf	<i>Acipenser oxyrhynchus desotoi</i>	T	0	0	0
6	E	Sturgeon, pallid	<i>Scaphirhynchus albus</i>	E	50	0	50
N	E	Sturgeon, shortnose	<i>Acipenser brevirostrum</i>	E	0	0	0
1	E	Sturgeon, white (Kootenai River pop.)	<i>Acipenser transmontanus</i>	E	0	0	0
6	E	Sucker, June	<i>Chasmistes liorus</i>	E	1138	0	1138
1	E	Sucker, Lost River	<i>Deltistes luxatus</i>	E	2340	0	2340
1	E	Sucker, Modoc	<i>Catostomus microps</i>	E	0	0	0
6	E	Sucker, razorback	<i>Xyrauchen texanus</i>	E	4437	5	4442
1	E	Sucker, shortnose	<i>Chasmistes brevirostris</i>	E	2340	0	2340
1	E	Sucker, Warner	<i>Catostomus warnerensis</i>	T	0	0	0
2	E	Topminnow, Gila (incl. Yaqui)	<i>Poeciliopsis occidentalis</i>	E	63	0	63
2	E	Trout, Apache (=Arizona)	<i>Oncorhynchus apache</i>	T	0	0	0
1	E	Trout, bull (Columbia R. pop.)	<i>Salvelinus confluentus</i>	T	99	0	99
1	E	Trout, bull (Jarbridge R. pop.)	<i>Salvelinus confluentus</i>	E	0	0	0
1	E	Trout, bull (Klamath R. pop.)	<i>Salvelinus confluentus</i>	T	0	0	0
2	E	Trout, Gila	<i>Oncorhynchus gilae</i>	E	0	0	0
6	E	Trout, greenback cutthroat	<i>Oncorhynchus clarki stomias</i>	T	0	0	0
1	E	Trout, Lahontan cutthroat	<i>Oncorhynchus clarki henshawi</i>	T	0	0	0
1	E	Trout, Little Kern golden	<i>Oncorhynchus aguabonita whitei</i>	T	0	0	0
1	E	Trout, Paiute cutthroat	<i>Oncorhynchus clarki seleniris</i>	T	0	0	0
N	E	Trout, Umpqua River cutthroat	<i>Oncorhynchus clarki clarki</i>	E	0	0	0
6	E	Woundfin	<i>Plagopterus argentissimus</i>	E	5	0	5
4	F	Acornshell, southern	<i>Epioblasma othcaloogensis</i>	E	0	0	0
4	F	Bankclimber (mussel), purple	<i>Elliptioideus sloatianus</i>	T	0	0	0
4	F	Bean, purple (=Fine-rayed purple pearly mussel)	<i>Villosa perpurpurea</i>	E	0	0	0
5	F	Clubshell	<i>Pleurobema clava</i>	E	0	0	0
4	F	Clubshell, black (=Curtus' mussel)	<i>Pleurobema curtum</i>	E	0	0	0
4	F	Clubshell, ovate	<i>Pleurobema perovatum</i>	E	0	0	0
4	F	Clubshell, southern	<i>Pleurobema decisum</i>	E	0	0	0
4	F	Combshell, Cumberlandian	<i>Epioblasma brevidens</i>	E	0	0	0
4	F	Combshell, southern (=penitent mussel)	<i>Epioblasma penita</i>	E	0	0	0
4	F	Combshell, upland	<i>Epioblasma metastriata</i>	E	0	0	0
4	F	Elktoe, Appalachian	<i>Alasmidonta raveneliana</i>	E	0	0	0

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4	F	Elktoe, Cumberland	Alasmidonta atropurpurea	E	0	0	0
4	F	Fanshell	Cyprogenia stegaria	E	0	0	0
4	F	Fatmucket, Arkansas	Lampsilis powelli	T	0	0	0
4	F	Heelsplitter, Carolina	Lasmigona decorata	E	0	0	0
4	F	Heelsplitter, inflated	Potamilus inflatus	T	0	0	0
4	F	Kidneyshell, triangular	Ptychobranhus greeni	E	0	0	0
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama)	Lampsilis virescens	E	0	0	0
4	F	Moccasinshell, Alabama	Medionidus acutissimus	T	0	0	0
4	F	Moccasinshell, Coosa	Medionidus parvulus	E	0	0	0
4	F	Moccasinshell, Gulf	Medionidus penicillatus	E	0	0	0
4	F	Moccasinshell, Ochlockonee	Medionidus simpsonianus	E	0	0	0
4	F	Mucket, orange-nacre	Lampsilis perovalis	T	0	0	0
5	F	Mussel, dwarf wedge	Alasmidonta heterodon	E	0	0	0
4	F	Mussel, oyster	Epioblasma capsaeformis	E	0	0	0
4	F	Mussel, ring pink (=golf stick pearly)	Obovaria retusa	E	0	0	0
3	F	Mussel, winged mapleleaf	Quadrula fragosa	E	0	0	0
4	F	Pearlshell, Louisiana	Margaritifera hembeli	T	0	0	0
4	F	Pearlymussel, Appalachian monkeyface	Quadrula sparsa	E	0	0	0
4	F	Pearlymussel, birdwing	Conradilla caelata	E	0	0	0
4	F	Pearlymussel, cracking	Hemistena lata	E	0	0	0
4	F	Pearlymussel, Cumberland bean	Villosa trabalis	E	0	0	0
4	F	Pearlymussel, Cumberland monkeyface	Quadrula intermedia	E	0	0	0
3	F	Pearlymussel, Curtis'	Epioblasma florentina curtisi	E	0	0	0
4	F	Pearlymussel, dromedary	Dromus dromas	E	0	0	0
4	F	Pearlymussel, green-blossom	Epioblasma torulosa gubernaculum	E	0	0	0
3	F	Pearlymussel, Higgins' eye	Lampsilis higginsii	E	0	0	0
4	F	Pearlymussel, little-wing	Pegias fabula	E	0	0	0
4	F	Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	E	0	0	0
4	F	Pearlymussel, pale lilliput	Toxolasma cylindrellus	E	0	0	0
4	F	Pearlymussel, pink mucket	Lampsilis abrupta	E	0	0	0
4	F	Pearlymussel, purple cat's paw	Epioblasma obliquata obliquata	E	0	0	0
4	F	Pearlymussel, tubercled-blossom	Epioblasma torulosa torulosa	E	0	0	0
4	F	Pearlymussel, turgid-blossom	Epioblasma turgidula	E	0	0	0
3	F	Pearlymussel, white cat's paw	Epioblasma obliquata perobliqua	E	0	0	0
4	F	Pearlymussel, white wartyback	Plethobasus cicatricosus	E	0	0	0
4	F	Pearlymussel, yellow-blossom	Epioblasma florentina florentina	E	0	0	0
4	F	Pigtoe (mussel), oval	Pleurobema pyriforme	E	0	0	0
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel)	Pleurobema gibberum	E	0	0	0
4	F	Pigtoe, dark	Pleurobema furvum	E	0	0	0
4	F	Pigtoe, fine-rayed	Fusconaia cuneolus	E	0	0	0
4	F	Pigtoe, flat (=Marshall's mussel)	Pleurobema marshalli	E	0	0	0
4	F	Pigtoe, heavy (=Judge Tait's mussel)	Pleurobema taitianum	E	0	0	0
4	F	Pigtoe, rough	Pleurobema plenum	E	0	0	0
4	F	Pigtoe, shiny	Fusconaia cor	E	0	0	0

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4	F	Pigtoe, southern	Pleurobema georgianum	E	0	0	0
4	F	Pocketbook (mussel), shinyrayed	Lampsilis subangulata	E	0	0	0
4	F	Pocketbook, fat	Potamilus capax	E	0	0	0
4	F	Pocketbook, fine-lined	Lampsilis altilis	T	0	0	0
4	F	Pocketbook, speckled	Lampsilis streckeri	E	0	0	0
4	F	Rabbitsfoot, rough	Quadrula cylindrica strigillata	E	0	0	0
5	F	Riffleshell, northern	Epioblasma torulosa rangiana	E	0	0	0
4	F	Riffleshell, tan	Epioblasma walkeri	E	0	0	0
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly	Arkansia wheeleri	E	0	0	0
4	F	Slabshell, Chipola	Elliptio chipolaensis	T	0	0	0
5	F	Spinymussel, James River (=Virginia)	Pleurobema collina	E	0	0	0
4	F	Spinymussel, Tar River	Elliptio steinstansana	E	0	0	0
4	F	Stirrupshell	Quadrula stapes	E	0	0	0
4	F	Three-ridge (mussel), fat	Amblema neisterii	E	0	0	0
6	G	Ambersnail, Kanab	Oxyloma haydeni kanabensis	E	65	0	65
1	G	Limpet, Banbury Springs	Lanx sp.	E	0	0	0
4	G	Marstonia (snail), royal (=obese)	Pyrgulopsis ogmoraphe	E	0	0	0
4	G	Riversnail, Anthony's	Atheurnia anthonyi	E	0	0	0
4	G	Shagreen, Magazine Mountain	Mesodon magazinensis	T	0	0	0
1	G	Snail, Bliss Rapids	Taylorconcha serpenticola	T	35	0	35
5	G	Snail, Chittenango ovate amber	Succinea chittenangoensis	T	0	0	0
5	G	Snail, flat-spired three-toothed	Triodopsis platysayoides	T	0	0	0
3	G	Snail, Iowa Pleistocene	Discus macclintocki	E	0	0	0
1	G	Snail, Morro shoulderband (=Banded dune)	Helminthoglypta walkeriana	E	0	0	0
4	G	Snail, noonday	Mesodon clarki nantahala	T	0	0	0
4	G	Snail, painted snake coiled forest	Anguispira picta	T	0	0	0
1	G	Snail, Snake River physa	Physa natricina	E	35	0	35
4	G	Snail, Stock Island tree	Orthalicus reses	T	0	0	0
4	G	Snail, tulotoma (=Alabama live-bearing)	Tulotoma magnifica	E	0	0	0
1	G	Snail, Utah valvata	Valvata utahensis	E	221	0	221
5	G	Snail, Virginia fringed mountain	Polygyriscus virginianus	E	0	0	0
1	G	Snails, Oahu tree	Achatinella^ spp. (all species)	E	0	0	0
2	G	Springsnail, Alamosa	Tryonia alamosae	E	0	0	0
1	G	Springsnail, Bruneau Hot	Pyrgulopsis bruneauensis	E	0	0	0
1	G	Springsnail, Idaho	Fontelicella idahoensis	E	35	0	35
2	G	Springsnail, Socorro	Pyrgulopsis neomexicana	E	0	0	0
2	I	Beetle, Comal Springs riffle	Heterelmis comalensis	E	0	0	0
2	I	Beetle, Comal Springs dryopid	Stygoparnus comalensis	E	0	0	0
1	I	Butterfly, Behren's silverspot	Speyeria zerene behrensii	E	0	0	0
1	I	Butterfly, callippe silverspot	Speyeria callippe callippe	E	1	0	1
5	I	Beetle, American burying (=giant carrion)	Nicrophorus americanus	E	1	0	1
2	I	Beetle, Coffin Cave mold	Batrisodes texanus	E	0	0	0
1	I	Beetle, delta green ground	Elaphrus viridis	T	1	0	1
3	I	Beetle, Hungerford's crawling water	Brychius hungerfordi	E	0	0	0

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2	I	Beetle, Kretschmarr Cave mold	Texamaurops reddelli	E	0	0	0
1	I	Beetle, Mount Hermon June	Polyphylla barbata	E	0	0	0
5	I	Beetle, northeastern beach tiger	Cicindela dorsalis dorsalis	T	0	0	0
5	I	Beetle, Puritan tiger	Cicindela puritana	T	0	0	0
2	I	Beetle, Tooth Cave ground	Rhadine persephone	E	0	0	0
1	I	Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	T	14	0	14
1	I	Butterfly, bay checkerspot	Euphydryas editha bayensis	T	0	0	0
1	I	Butterfly, El Segundo blue	Euphilotes battoides allyni	E	0	0	0
3	I	Butterfly, Karner blue	Lycaeides melissa samuelis	E	0	0	0
1	I	Butterfly, Lange's metalmark	Apodemia mormo langei	E	0	0	0
1	I	Butterfly, lotis blue	Lycaeides argyrognomon lotis	E	0	0	0
1	I	Butterfly, mission blue	Icaricia icarioides missionensis	E	0	0	0
3	I	Butterfly, Mitchell's satyr	Neonympha mitchellii mitchellii	E	0	0	0
1	I	Butterfly, Myrtle's silverspot	Speyeria zerene myrtleae	E	0	0	0
1	I	Butterfly, Oregon silverspot	Speyeria zerene hippolyta	T	0	0	0
1	I	Butterfly, Palos Verdes blue	Glaucopsyche lygdamus palosverdesensis	E	0	0	0
1	I	Butterfly, Quino checkerspot	Euphydryas editha quino (=E. e. wrighti)	E	0	0	0
4	I	Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	E	0	0	0
1	I	Butterfly, San Bruno elfin	Callophrys mossii bayensis	E	0	0	0
4	I	Butterfly, Schaus swallowtail	Heraclides aristodemus ponceanus	E	0	0	0
1	I	Butterfly, Smith's blue	Euphilotes enoptes smithi	E	0	0	0
6	I	Butterfly, Uncompahgre fritillary	Boloria acrocneuma	E	0	0	0
3	I	Dragonfly, Hine's (=Ohio) emerald	Somatochlora hineana	E	0	0	0
1	I	Fly, Delhi Sands flower-loving	Rhaphiomidas terminatus abdominalis	E	0	0	0
1	I	Grasshopper, Zayante band-winged	Trimerotropis infantilis	E	0	0	0
1	I	Moth, Kern primrose sphinx	Euproserpinus euterpe	T	0	0	0
1	I	Naucorid, Ash Meadows	Ambrysus amargosus	T	0	0	0
1	I	Skipper, Laguna Mountains	Pyrgus ruralis lagunae	E	0	0	0
6	I	Skipper, Pawnee montane	Hesperia leonardus montana	T	0	0	0
2	J	Harvestman, Bee Creek Cave	Texella reddelli	E	0	0	0
2	J	Harvestman, Bone Cave	Texella reyesi	E	0	0	0
2	J	Pseudoscorpion, Tooth Cave	Microcreagris texana	E	0	0	0
4	J	Spider, spruce-fir moss	Microhexura montivaga	E	0	0	0
2	J	Spider, Tooth Cave	Leptoneta myopica	E	0	0	0
5	K	Amphipod, Hay's Spring	Stygobromus hayi	E	0	0	0
3	K	Amphipod, Illinois cave	Gammarus acherondytes	E	0	0	0
2	K	Amphipod, Peck's cave	Stygobromus pecki (=Stygonectes p.)	E	0	0	0
4	K	Crayfish, cave [no common name]	Cambarus aculabrum	E	0	0	0
4	K	Crayfish, cave [no common name]	Cambarus zophonastes	E	0	0	0
4	K	Crayfish, Nashville	Orconectes shoupi	E	0	0	0
1	K	Crayfish, Shasta (=placid)	Pacifastacus fortis	E	0	0	0
1	K	Fairy shrimp, Conservancy	Branchinecta conservatio	E	0	0	0
1	K	Fairy shrimp, longhorn	Branchinecta longiantenna	E	0	0	0
1	K	Fairy shrimp, riverside	Streptocephalus wooltoni	E	0	0	0

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Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	
1	K	Fairy shrimp, San Diego	<i>Branchinecta sandiegoensis</i>	E	0	0	0
1	K	Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	T	16	370	386
5	K	Isopod, Lee County cave	<i>Lirceus usdagalun</i>	E	0	0	0
5	K	Isopod, Madison Cave	<i>Antrolana lira</i>	T	0	0	0
2	K	Isopod, Socorro	<i>Thermosphaeroma thermophilus</i>	E	0	0	0
4	K	Shrimp, Alabama cave	<i>Palaemonias alabamiae</i>	E	0	0	0
1	K	Shrimp, California freshwater	<i>Syncaris pacifica</i>	E	0	0	0
4	K	Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	E	0	0	0
4	K	Shrimp, Squirrel Chimney Cave (=Florida cave)	<i>Palaemonetes cummingi</i>	T	0	0	0
1	K	Tadpole shrimp, vernal pool	<i>Lepidurus packardii</i>	E	15	370	385
1	Q	<i>Abutilon eremitopetalum</i> (=Sci name)	<i>Abutilon eremitopetalum</i>	E	0	0	0
1	Q	<i>Abutilon sandwicense</i> (=Sci name)	<i>Abutilon sandwicense</i>	E	0	0	0
1	Q	<i>Achyranthes mutica</i> (=Sci. name)	<i>Achyranthes mutica</i>	E	0	0	0
1	Q	A'e	<i>Zanthoxylum dipetalum</i> var. <i>tomentosum</i>	E	0	0	0
1	Q	A'e	<i>Zanthoxylum hawaiiense</i>	E	0	0	0
2	Q	Agave, Arizona	<i>Agave arizonica</i>	E	0	0	0
1	Q	*Aiakeakua, popolo	<i>Solanum sandwicense</i>	E	0	0	0
1	Q	*Aiea	<i>Nothocestrum peltatum</i>	E	0	0	0
1	Q	*Aiea	<i>Nothocestrum breviflorum</i>	E	0	0	0
1	Q	*Akoko	<i>Chamaesyce herbstii</i>	E	0	0	0
1	Q	*Akoko	<i>Euphorbia haeleleana</i>	E	0	0	0
1	Q	*Akoko	<i>Chamaesyce celastroides</i> var. <i>kaenana</i>	E	0	0	0
1	Q	*Akoko	<i>Chamaesyce deppeana</i>	E	0	0	0
1	Q	*Akoko	<i>Chamaesyce kuwaleana</i>	E	0	0	0
1	Q	*Akoko	<i>Chamaesyce rockii</i>	E	0	0	0
1	Q	*Akoko, Ewa Plains	<i>Chamaesyce skottsbergii</i> var. <i>kalaeloana</i>	E	0	0	0
1	Q	Alani	<i>Melicope haupuensis</i>	E	0	0	0
1	Q	Alani	<i>Melicope adscendens</i>	E	0	0	0
1	Q	Alani	<i>Melicope lydgatei</i>	E	0	0	0
1	Q	Alani	<i>Melicope pallida</i>	E	0	0	0
1	Q	Alani	<i>Melicope ovalis</i>	E	0	0	0
1	Q	Alani	<i>Melicope knudsenii</i>	E	0	0	0
1	Q	Alani	<i>Melicope balloui</i>	E	0	0	0
1	Q	Alani	<i>Melicope mucronulata</i>	E	0	0	0
1	Q	Alani	<i>Melicope reflexa</i>	E	0	0	0
1	Q	Alani	<i>Melicope quadrangularis</i>	E	0	0	0
1	Q	Alani	<i>Melicope zahlbruckneri</i>	E	0	0	0
1	Q	Alani	<i>Melicope saint-johnii</i>	E	0	0	0
1	Q	<i>Allocarya, Calistoga</i>	<i>Plagiobothrys strictus</i>	E	0	0	0
1	Q	<i>Alopecurus, Sonoma</i>	<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	E	0	0	0
1	Q	<i>Alsinidendron obovatum</i> (=Sci name)	<i>Alsinidendron obovatum</i>	E	0	0	0
1	Q	<i>Alsinidendron trinerve</i> (=Sci name)	<i>Alsinidendron trinerve</i>	E	0	0	0
1	Q	<i>Alsinodendron viscosum</i> (=Sci. name)	<i>Alsinidendron viscosum</i>	E	0	0	0
1	Q	<i>Amaranthus brownii</i> (=Sci. name)	<i>Amaranthus brownii</i>	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	38524.4
4	Q	Amaranth, seabeach	Amaranthus pumilus	T	0	0	0
2	Q	Ambrosia, south Texas	Ambrosia cheiranthifolia	E	0	0	0
4	Q	Amphianthus, little	Amphianthus pusillus	T	0	0	0
1	Q	Anaunau	Lepidium arbuscula	E	0	0	0
1	Q	Anunu	Sicyos alba	E	0	0	0
4	Q	Aristida chaseae (=Sci name)	Aristida chaseae	E	0	0	0
4	Q	Arrowhead, bunched	Sagittaria fasciculata	E	0	0	0
3	Q	Aster, decurrent false	Boltonia decurrens	T	0	0	0
4	Q	Aster, Florida golden	Chrysopsis floridana	E	0	0	0
4	Q	Aster, Ruth's golden	Pityopsis ruthii	E	0	0	0
4	Q	Auerodendron pauciflorum (=Sci name)	Auerodendron pauciflorum	E	0	0	0
1	Q	Aupaka	Isodendron hosakae	E	0	0	0
1	Q	Aupaka	Isodendron laurifolium	E	0	0	0
1	Q	Aupaka	Isodendron longifolium	T	0	0	0
4	Q	Avens, spreading	Geum radiatum	E	0	0	0
1	Q	Awikiwiki	Canavalia molokaiensis	E	0	0	0
1	Q	Awiji	Hedyotis cookiana	E	0	0	0
1	Q	Awiji	Centaurium sebaeoides	E	0	0	0
2	Q	Ayenia, Texas	Ayenia limitaris	E	0	0	0
1	Q	Baccharis, Encinitis	Baccharis vanessae	T	0	0	0
1	Q	Barberry, island	Berberis pinnata ssp. insularis	E	0	0	0
1	Q	Barberry, Truckee	Berberis sonnei	E	0	0	0
4	Q	Bariaco	Trichilia triacantha	E	0	0	0
5	Q	Beaked-rush, Knieskern's	Rhynchospora knieskernii	T	0	0	0
6	Q	Beardtongue, Penland	Penstemon penlandii	E	0	0	0
4	Q	Beargrass, Britton's	Nolina brittoniana	E	0	0	0
6	Q	Bear-poppy, dwarf	Arctomecon humilis	E	0	0	0
4	Q	Beauty, Harper's	Harperocallis flava	E	0	0	0
1	Q	Bedstraw, El Dorado	Galium californicum ssp. sierrae	E	0	110	110
1	Q	Bedstraw, island	Galium buxifolium	E	0	0	0
4	Q	Bellflower, Brooksville	Campanula robinsiae	E	0	0	0
1	Q	Bidens, cuneate	Bidens cuneata	E	0	0	0
5	Q	Birch, Virginia round-leaf	Betula uber	T	0	0	0
1	Q	Bird's beak, palmate-bracted	Cordylanthus palmatus	E	92	70	162
1	Q	Bird's-beak, Pennell's	Cordylanthus tenuis ssp. capillaris	E	0	0	0
1	Q	Bird's-beak, salt marsh	Cordylanthus maritimus ssp. maritimus	E	0	0	0
1	Q	Bird's-beak, soft	Cordylanthus mollis ssp. mollis	E	1	0	1
4	Q	Birds-in-a-nest, white	Macbridea alba	T	0	0	0
4	Q	Bittercress, small-anthered	Cardamine micranthera	E	0	0	0
6	Q	Bladderpod, Dudley Bluffs	Lesquerella congesta	T	0	0	0
6	Q	Bladderpod, kodachrome	Lesquerella tumulosa	E	0	0	0
4	Q	Bladderpod, lyrate	Lesquerella lyrata	T	0	0	0
3	Q	Bladderpod, Missouri	Lesquerella filiformis	E	0	0	0
1	Q	Bladderpod, San Bernardino Mountains	Lesquerella kingii ssp. bernardina	E	0	0	0

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					General 36322.4	Lands 2202	Total 38524.4
4	Q	Bladderpod, Spring Creek	<i>Lesquerella perforata</i>	E	0	0	0
2	Q	Bladderpod, white	<i>Lesquerella pallida</i>	E	0	0	0
1	Q	Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	T	0	0	0
4	Q	Blazingstar, Heller's	<i>Liatris helleri</i>	T	0	0	0
4	Q	Blazingstar, scrub	<i>Liatris ohlingerae</i>	E	0	0	0
1	Q	Bluecurls, Hidden Lake	<i>Trichostema austromontanum</i> ssp. <i>compactum</i>	T	0	0	0
1	Q	Bluegrass, Hawaiian	<i>Poa sandvicensis</i>	E	0	0	0
1	Q	Bluegrass, Mann's	<i>Poa mannii</i>	E	0	0	0
1	Q	Bluegrass, Napa	<i>Poa napensis</i>	E	0	0	0
1	Q	Bluegrass, San Bernardino	<i>Poa atropurpurea</i>	E	0	0	0
2	Q	Blue-star, Kearney's	<i>Amsonia kearneyana</i>	E	0	0	0
4	Q	Bluet, Roan Mountain	<i>Hedyotis purpurea</i> var. <i>montana</i>	E	0	0	0
1	Q	Bonamia menziesii (=Sci name)	<i>Bonamia menziesii</i>	E	0	0	0
4	Q	Bonamia, Florida	<i>Bonamia grandiflora</i>	T	0	0	0
4	Q	Boxwood, Vahl's	<i>Buxus vahlii</i>	E	0	0	0
1	Q	Brodiaea, Chinese Camp	<i>Brodiaea pallida</i>	T	0	0	0
1	Q	Broom, San Clemente Island	<i>Lotus dendroideus</i> ssp. <i>traskiae</i>	E	0	0	0
1	Q	Buckwheat, cushenbury	<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	E	0	0	0
4	Q	Buckwheat, scrub	<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>	T	0	0	0
1	Q	Buckwheat, steamboat	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	E	0	0	0
5	Q	Bulrush, Northeastern (=barbed bristle)	<i>Scirpus ancistrochaetus</i>	E	0	0	0
3	Q	Bush-clover, prairie	<i>Lespedeza leptostachya</i>	T	0	0	0
1	Q	Bush-mallow, San Clemente Island	<i>Malacothamnus clementinus</i>	E	0	0	0
1	Q	Bush-mallow, Santa Cruz Island	<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	E	0	0	0
6	Q	Buttercup, autumn	<i>Ranunculus acriformis</i> var. <i>aestivalis</i>	E	0	0	0
1	Q	Butterweed, Layne's	<i>Senecio layneae</i>	T	110	0	110
4	Q	Butterwort, Godfrey's	<i>Pinguicula ionantha</i>	T	0	0	0
1	Q	Button-celery, San Diego	<i>Eryngium aristulatum</i> var. <i>parishii</i>	E	0	0	0
4	Q	Button, Mohr's Barbara	<i>Marshallia mohrii</i>	T	0	0	0
2	Q	Cactus, Arizona hedgehog	<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i>	E	0	0	0
1	Q	Cactus, Bakersfield	<i>Opuntia treleasei</i>	E	5	0	5
2	Q	Cactus, black lace	<i>Echinocereus reichenbachii</i> var. <i>albertii</i>	E	0	0	0
2	Q	Cactus, Brady pincushion	<i>Pediocactus bradyi</i>	E	0	0	0
2	Q	Cactus, bunched cory	<i>Coryphantha ramillosa</i>	T	0	0	0
2	Q	Cactus, Chisos Mtn. hedgehog	<i>Echinocereus chisoensis</i> var. <i>chisoensis</i>	T	0	0	0
2	Q	Cactus, Cochise pincushion	<i>Coryphantha robbinsorum</i>	T	0	0	0
4	Q	Cactus, Key tree	<i>Pilosocereus robinii</i>	E	0	0	0
2	Q	Cactus, Knowlton	<i>Pediocactus knowltonii</i>	E	0	0	0
2	Q	Cactus, Kuenzler hedgehog	<i>Echinocereus fendleri</i> var. <i>kuenzleri</i>	E	0	0	0
2	Q	Cactus, Lee pincushion	<i>Coryphantha sneedii</i> var. <i>leei</i>	T	0	0	0
2	Q	Cactus, Lloyd's hedgehog	<i>Echinocereus lloydii</i>	E	0	0	0
2	Q	Cactus, Lloyd's Mariposa	<i>Echinomastus mariposensis</i>	T	0	0	0
2	Q	Cactus, Mesa Verde	<i>Sclerocactus mesae-verdae</i>	T	0	0	0
2	Q	Cactus, Nellie cory	<i>Escobaria minima</i>	E	0	0	0

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2	Q	Cactus, Nichol's Turk's head	Echinocactus horzonthalonius var. nicholii	E	0	0	0
2	Q	Cactus, Peebles Navajo	Pediocactus peeblesianus var. peeblesianus	E	0	0	0
2	Q	Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	E	0	0	0
6	Q	Cactus, San Rafael	Pediocactus despainii	E	0	0	0
2	Q	Cactus, Siler pincushion	Pediocactus sileri	T	0	0	0
2	Q	Cactus, Sneed pincushion	Coryphantha sneedii var. sneedii	E	0	0	0
2	Q	Cactus, star	Astrophytum asterias	E	0	0	0
2	Q	Cactus, Tobusch fishhook	Ancistrocactus tobuschii	E	0	0	0
6	Q	Cactus, Unita Basin hookless	Sclerocactus glaucus	T	0	0	0
6	Q	Cactus, Winkler	Pediocactus winkleri	T	0	0	0
6	Q	Cactus, Wright fishhook	Sclerocactus wrightiae	E	0	0	0
4	Q	Calyptranthes thomasiana (=Sci name)	Calyptranthes thomasiana	E	0	0	0
4	Q	Campion, fringed	Silene polypetala	E	0	0	0
4	Q	Capa rosa	Callicarpa ampla	E	0	0	0
2	Q	Cat's-eye, Terlingua Creek	Cryptantha crassipes	E	0	0	0
1	Q	Ceanothus, coyote (=California-lilac, Coyote	Ceanothus ferrisae	E	0	0	0
1	Q	Ceanothus, Pine Hill	Ceanothus roderickii	E	0	110	110
1	Q	Centauray, spring-loving	Centaurium namophilum	T	0	0	0
1	Q	Chaff-flower, round-leaved	Achyranthes splendens var. rotundata	E	0	0	0
4	Q	Chaffseed, American	Schwalbea americana	E	0	0	0
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci	Chamaecrista glandulosa var. mirabilis	E	0	0	0
1	Q	Chamaesyce halemanui (=Sci name)	Chamaesyce halemanui	E	0	0	0
1	Q	Checker-mallow, Kenwood Marsh	Sidalcea oregana ssp. valida	E	0	0	0
1	Q	Checker-mallow, Nelson's	Sidalcea nelsoniana	T	0	0	0
1	Q	Checker-mallow, pedate	Sidalcea pedata	E	0	0	0
4	Q	Chumbo, higo	Harrisia portoricensis	T	0	0	0
4	Q	Chupacallos (=Chupagallo)	Pleodendron macranthum	E	0	0	0
5	Q	Cinquefoil, Robbins'	Potentilla robbinsiana	E	0	0	0
1	Q	Clarkia, Pismo	Clarkia speciosa ssp. immaculata	E	0	0	0
1	Q	Clarkia, Presidio	Clarkia franciscana	E	0	0	0
1	Q	Clarkia, Springville	Clarkia springvillensis	T	0	0	0
1	Q	Clarkia, Vine Hill	Clarkia imbricata	E	0	0	0
2	Q	Cliff-rose, Arizona	Purshia subintegra	E	0	0	0
1	Q	Clover, Monterey (=Del Monte)	Trifolium trichocalyx	E	0	0	0
3	Q	Clover, running buffalo	Trifolium stoloniferum	E	0	0	0
1	Q	Clover, showy Indian	Trifolium amoenum	E	0	0	0
4	Q	Coneflower, smooth	Echinacea laevigata	E	0	0	0
4	Q	Coneflower, Tennessee purple	Echinacea tennesseensis	E	0	0	0
4	Q	Cordia bellonis	Cordia bellonis	E	0	0	0
4	Q	Cranichis ricartii (=Sci name)	Cranichis ricartii	E	0	0	0
6	Q	Cress, load-flax	Schoenocrambe suffrutescens	E	0	0	0
1	Q	Crownbeard, big-leaved	Verbesina dissita	T	0	0	0
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	Cyanea macrostegia ssp. gibsonii	E	0	0	0
1	Q	Cyanea superba (=Sci name)	Cyanea superba	E	0	0	0

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1	Q	Cyanea undulata (=Sci name)	Cyanea undulata	E	0	0	0
2	Q	Cycladenia, Jones	Cycladenia humilis var. jonesii	T	0	0	0
3	Q	Daisy, lakeside	Hymenoxys herbacea (=acaulis var. glabra^)	T	0	0	0
6	Q	Daisy, Maguire	Erigeron maguirei var. maguirei	E	0	0	0
1	Q	Daisy, Parish's	Erigeron parishii	T	0	0	0
4	Q	Daphnopsis hellerana (=Sci name)	Daphnopsis hellerana	E	0	0	0
2	Q	Dawn-flower, Texas prairie	Hymenoxys texana	E	0	0	0
1	Q	Delissea rhytidisperma (=Sci name)	Delissea rhytidisperma	E	0	0	0
1	Q	Delissea undulata (=Sci name)	Delissea undulata	E	0	0	0
2	Q	Dogweed, ashy	Thymophylla tephroleuca	E	0	0	0
4	Q	Dropwort, Canby's	Oxypolis canbyi	E	0	0	0
1	Q	Dubautia latifolia (=Sci name)	Dubautia latifolia	E	0	0	0
1	Q	Dubautia pauciflora (=Sci name)	Dubautia pauciflora	E	0	0	0
1	Q	Dudleya, Conejo	Dudleya abramsii ssp. parva	T	0	0	0
1	Q	Dudleya, Marcescent	Dudleya cymosa ssp. marcescens	T	0	0	0
1	Q	Dudleya, Santa Clara Valley	Dudleya setchellii	E	0	0	0
1	Q	Dudleya, Santa Cruz Island	Dudleya nesiotica	T	0	0	0
1	Q	Dudleya, Verity's	Dudleya verityi	T	0	0	0
1	Q	Dudleyea, Santa Monica Mountains	Dudleyea cymosa ssp. ovatifolia	T	0	0	0
1	Q	Dwarf-flax, Marin	Hesperolinon congestum	T	0	0	0
4	Q	Erubia	Solanum drymophilum	E	0	0	0
4	Q	Eugenia woodburyana (=Sci name)	Eugenia woodburyana	E	0	0	0
1	Q	Evening-primrose, Antioch Dunes	Oenothera deltoides ssp. howellii	E	0	0	0
1	Q	Evening-primrose, Eureka Valley	Oenothera avita ssp. eurekaensis	E	0	0	0
1	Q	Evening-primrose, San Benito	Camissonia benitensis	T	0	0	0
1	Q	Fiddleneck, Large-flowered	Amsinckia grandiflora	E	0	0	0
1	Q	Flannelbush, Pine Hill	Fremontodendron californicum ssp. decumbens	E	0	110	110
2	Q	Fleabane, Rhizome	Erigeron rhizomatus	T	0	0	0
1	Q	Four-o'clock, MacFarlane's	Mirabilis macfarlanei	E	0	0	0
2	Q	Frankenia, Johnston's	Frankenia johnstonii	E	0	0	0
1	Q	Fringepod (=lacepod), Santa Cruz Island	Thysanocarpus conchuliferus	E	0	0	0
1	Q	Gahnia lanaiensis (=Sci name)	Gahnia lanaiensis	E	0	0	0
1	Q	Gardenia, Hawaiian (na'u)	Gardenia brighamii	E	0	0	0
4	Q	Geocarpon minimum (=Sci name)	Geocarpon minimum	T	0	0	0
1	Q	Geranium, Hawaiian red-flowered	Geranium arboreum	E	0	0	0
5	Q	Gerardia, sandplain	Agalinis acuta	E	0	0	0
4	Q	Gesneria pauciflora (=Sci name)	Gesneria pauciflora	T	0	0	0
1	Q	Gilia, Hoffmann's slender-flowered	Gilia tenuiflora ssp. hoffmannii	E	0	0	0
1	Q	Gilia, Monterey	Gilia tenuiflora ssp. arenaria	E	0	0	0
4	Q	Goetzea, beautiful (matabuey)	Goetzea elegans	E	0	0	0
4	Q	Goldenrod, Blue Ridge	Solidago spithamaea	T	0	0	0
3	Q	Goldenrod, Houghton's	Solidago houghtonii	T	0	0	0
4	Q	Goldenrod, Short's	Solidago shortii	E	0	0	0
4	Q	Goldenrod, white-haired	Solidago albopilosa	T	0	0	0

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Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	Total 38524.4
1	Q	Goldfields, Burke's	<i>Lasthenia burkei</i>	E	0	0	0
1	Q	Goldfields, Contra Costa	<i>Lasthenia conjugens</i>	E	1	0	1
4	Q	Gooseberry, Miccosukee (Florida)	<i>Ribes echinellum</i>	T	0	0	0
1	Q	<i>Gouania hillebrandii</i> (=Sci name)	<i>Gouania hillebrandii</i>	E	0	0	0
1	Q	<i>Gouania meyenii</i> (=Sci name)	<i>Gouania meyenii</i>	E	0	0	0
1	Q	<i>Gouania vitifolia</i> (=Sci name)	<i>Gouania vitifolia</i>	E	0	0	0
4	Q	Gourd, Okeechobee	<i>Cucurbita okeechobeensis</i> ssp. <i>okeechobeensis</i>	E	0	0	0
1	Q	Grass, California Orcutt	<i>Orcuttia californica</i>	E	0	0	0
1	Q	Grass, Colusa	<i>Neostapfia colusana</i>	T	1	0	1
1	Q	Grass, Eureka Dune	<i>Swallenia alexandrae</i>	E	0	0	0
1	Q	Grass, Solano	<i>Tuctoria mucronata</i>	E	1	0	1
4	Q	Grass, Tennessee yellow-eyed	<i>Xyris tennesseensis</i>	E	0	0	0
4	Q	Ground-plum, Guthrie's	<i>Astragalus bibullatus</i>	E	0	0	0
2	Q	Groundsel, San Francisco Peaks	<i>Senecio franciscanus</i>	T	0	0	0
1	Q	Gumplant, Ash Meadows	<i>Grindelia fraxino-pratensis</i>	T	0	0	0
1	Q	Haha	<i>Cyanea grimesiana</i> ssp. <i>grimesiana</i>	E	0	0	0
1	Q	Haha	<i>Cyanea hamatiflora</i> ssp. <i>carlsonii</i>	E	0	0	0
1	Q	Haha	<i>Cyanea stictophylla</i>	E	0	0	0
1	Q	Haha	<i>Cyanea truncata</i>	E	0	0	0
1	Q	Haha	<i>Cyanea mceldowneyi</i>	E	0	0	0
1	Q	Haha	<i>Cyanea grimesiana</i> spp. <i>obatae</i>	E	0	0	0
1	Q	Haha	<i>Cyanea koolauensis</i>	E	0	0	0
1	Q	Haha	<i>Cyanea lobata</i>	E	0	0	0
1	Q	Haha	<i>Cyanea remyi</i>	E	0	0	0
1	Q	Haha	<i>Cyanea mannii</i>	E	0	0	0
1	Q	Haha	<i>Cyanea recta</i>	T	0	0	0
1	Q	Haha	<i>Cyanea procera</i>	E	0	0	0
1	Q	Haha	<i>Cyanea platyphylla</i>	E	0	0	0
1	Q	Haha	<i>Cyanea pinnatifida</i>	E	0	0	0
1	Q	Haha	<i>Cyanea dunbarii</i>	E	0	0	0
1	Q	Haha	<i>Cyanea longiflora</i>	E	0	0	0
1	Q	Haha	<i>Cyanea</i> (=Rollandia) <i>st-johnii</i>	E	0	0	0
1	Q	Haha	<i>Cyanea asarifolia</i>	E	0	0	0
1	Q	Haha	<i>Cyanea copelandii</i> ssp. <i>copelandii</i>	E	0	0	0
1	Q	Haha	<i>Cyanea acuminata</i>	E	0	0	0
1	Q	Haha	<i>Cyanea</i> (=Rollandia) <i>humboldtiana</i>	E	0	0	0
1	Q	Haha	<i>Cyanea shipmannii</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra munroi</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra tintinnabula</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra viridiflora</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra giffardii</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra subumbellata</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra crenata</i>	E	0	0	0
1	Q	Ha`iwale	<i>Cyrtandra dentata</i>	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	General 36322.4	Lands 2202	Grand Total 38524.4
1	Q	Ha'iwale	Cyrtandra limahuliensis	T	0	0	0
1	Q	Ha'iwale	Cyrtandra polyantha	E	0	0	0
1	Q	Hala pepe	Pleomele hawaiiensis	E	0	0	0
1	Q	Haplostachys haplostachya (=Sci name)	Haplostachys haplostachya	E	0	0	0
4	Q	Harebells, Avon Park	Crotalaria avonensis	E	0	0	0
5	Q	Harperella	Ptilimnium nodosum	E	0	0	0
1	Q	Hau kuahiwi	Hibiscadelphus giffardianus	E	0	0	0
1	Q	Hau kuahiwi	Hibiscadelphus woodii	E	0	0	0
1	Q	Hau kuahiwi, Hualalai	Hibiscadelphus hualalaiensis	E	0	0	0
4	Q	Heartleaf, dwarf-flowered	Hexastylis naniflora	T	0	0	0
4	Q	Heather, mountain golden	Hudsonia montana	T	0	0	0
1	Q	Heau	Exocarpos luteolus	E	0	0	0
1	Q	Hedyotis degeneri (=Sci name)	Hedyotis degeneri	E	0	0	0
1	Q	Hedyotis parvula (=Sci name)	Hedyotis parvula	E	0	0	0
1	Q	Hedyotis, Na Pali beach	Hedyotis st.-johnii	E	0	0	0
1	Q	Hesperomannia arborescens (=Sci name)	Hesperomannia arborescens	E	0	0	0
1	Q	Hesperomannia arbuscula (=Sci name)	Hesperomannia arbuscula	E	0	0	0
1	Q	Hesperomannia lydgatei (=Sci name)	Hesperomannia lydgatei	E	0	0	0
1	Q	Hibiscus, Clay's	Hibiscus clayi	E	0	0	0
4	Q	Higuero de Sierra	Crescentia portoricensis	E	0	0	0
1	Q	Holei	Ochrosia kilaueaensis	E	0	0	0
4	Q	Holly, Cook's	Ilex cookii	E	0	0	0
6	Q	Howellia, water	Howellia aquatilis	T	0	0	0
4	Q	Hypericum, highlands scrub	Hypericum cumulicola	E	0	0	0
4	Q	Ilex sintenisii (=Sci name)	Ilex sintenisii	E	0	0	0
1	Q	Iliau, dwarf	Wilkesia hobdyi	E	0	0	0
1	Q	Indian paintbrush, San Clemente Island	Castilleja grisea	E	0	0	0
2	Q	Ipomopsis, Holy Ghost	Ipomopsis sancti-spiritus	E	0	0	0
4	Q	Irisette, white	Sisyrinchium dichotomum	E	0	0	0
3	Q	Iris, dwarf lake	Iris lacustris	T	0	0	0
1	Q	Ischaemum, Hilo	Ischaemum byrone	E	0	0	0
1	Q	Ivesia, Ash Meadows	Ivesia kingii var. eremica	T	0	0	0
4	Q	Jacquemontia, beach	Jacquemontia reclinata	E	0	0	0
1	Q	Jewelflower, California	Caulanthus californicus	E	5	0	5
1	Q	Jewelflower, Metcalf Canyon	Streptanthus albidus ssp. albidus	E	0	0	0
1	Q	Jewelflower, Tiburon	Streptanthus niger	E	0	0	0
5	Q	Joint-vetch, sensitive	Aeschynomene virginica	T	0	0	0
1	Q	Kamakahala	Labordia cyrtandrae	E	0	0	0
1	Q	Kamakahala	Labordia tinifolia var. wahiawaensis	E	0	0	0
1	Q	Kamakahala	Labordia lydgatei	E	0	0	0
1	Q	Kauai hau kuahiwi	Hibiscadelphus distans	E	0	0	0
1	Q	Kaula	Colubrina oppositifolia	E	0	0	0
1	Q	Kaulu	Pteralyxia kauaiensis	E	0	0	0
1	Q	Kio'ele	Hedyotis coriacea	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	General 36322.4	Lands 2202	Grand Total 38524.4
1	Q	Kiponapona	Phyllostegia racemosa	E	0	0	0
1	Q	Koki'o (=hau-hele'ula or Hawaii tree cotton)	Kokia drynarioides	E	0	0	0
1	Q	Koki'oke'oke'o	Hibiscus waimeae ssp. hannerae	E	0	0	0
1	Q	Koki'oke'oke'o	Hibiscus arnottianus ssp. immaculatus	E	0	0	0
1	Q	Koki'o, Cooke's	Kokia cookei	E	0	0	0
1	Q	Koki'o, Kaua'i	Kokia kauaiensis	E	0	0	0
1	Q	Kolea	Myrsine juddii	E	0	0	0
1	Q	Kolea	Myrsine linearifolia	T	0	0	0
1	Q	Ko'oko'olau	Bidens wiebkei	E	0	0	0
1	Q	Ko'oko'olau	Bidens micrantha ssp. kalealaha	E	0	0	0
1	Q	Ko'oloa'ula	Abutilon menziesii	E	0	0	0
1	Q	Kuahiwi, laukahi	Plantago princeps	E	0	0	0
1	Q	Kuahiwi, laukahi	Plantago hawaiiensis	E	0	0	0
1	Q	Kuawawaenuhu	Alsiniidendron lychnoides	E	0	0	0
1	Q	Kula, wahine noho	Isodendron pyriform	E	0	0	0
1	Q	Kulu'i	Nototrichium humile	E	0	0	0
2	Q	Ladies'-tresses, Canelo Hills (=Madrean)	Spiranthes delitescens	E	0	0	0
2	Q	Ladies'-tresses, Navasota	Spiranthes parksii	E	0	0	0
6	Q	Ladies'-tresses, Ute	Spiranthes diluvialis	T	35	0	35
1	Q	Lagu, Hyan	Serianthes nelsonii	E	0	0	0
1	Q	Larkspur, San Clemente Island	Delphinium variegatum ssp. kinkiense	E	0	0	0
1	Q	Lau'ehu	Panicum niihauense	E	0	0	0
1	Q	Lauhilihi (=Ma'oli'oli)	Schiedea stellarioides	E	0	0	0
1	Q	Layia, beach	Layia carnosa	E	0	0	0
4	Q	Lead-plant, Crenulate	Amorpha crenulata	E	0	0	0
4	Q	Leather flower, Alabama	Clematis socialis	E	0	0	0
4	Q	Leather flower, Morefield's	Clematis morefieldii	E	0	0	0
4	Q	Lepanthes eltoroensis (=Sci name)	Lepanthes eltoroensis	E	0	0	0
4	Q	Leptocereus grantianus (=Sci name)	Leptocereus grantianus	E	0	0	0
1	Q	Lessingia, San Francisco	Lessingia germanorum (=L. g. var. germanorum)	E	0	0	0
1	Q	Liliwai	Acaena exigua	E	0	0	0
3	Q	Lily, Minnesota trout	Erythronium propullans	E	0	0	0
1	Q	Lily, Pitkin Marsh	Lilium pardalinum ssp. pitkinense	E	0	0	0
1	Q	Lily, Western	Lilium occidentale	E	0	0	0
1	Q	Lipochaeta venosa (=Sci name)	Lipochaeta venosa	E	0	0	0
1	Q	Liveforever, Santa Barbara Island	Dudleya traskiae	E	0	0	0
1	Q	Lobelia gaudichaudii ssp. koolauensis, (=Sci. n	Lobelia gaudichaudii var. koolauensis	E	0	0	0
1	Q	Lobelia monostachya (=Sci. name)	Lobelia monostachya	E	0	0	0
1	Q	Lobelia niihauensis (=Sci name)	Lobelia niihauensis	E	0	0	0
1	Q	Lobelia oahuensis (=Sci name)	Lobelia oahuensis	E	0	0	0
3	Q	Locoweed, Fassett's	Oxytropis campestris var. chartacea	T	0	0	0
1	Q	Lomatium, Bradshaw's	Lomatium bradshawii	E	0	0	0
4	Q	Loosestrife, rough-leaved	Lysimachia asperulaefolia	E	0	0	0
1	Q	Loulu	Pritchardia munroi	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	38524.4
1	Q	Loulu	<i>Pritchardia viscosa</i>	E	0	0	0
1	Q	Loulu	<i>Pritchardia napaliensis</i>	E	0	0	0
1	Q	Loulu	<i>Pritchardia kaalae</i>	E	0	0	0
1	Q	Loulu	<i>Pritchardia schattaueri</i>	E	0	0	0
1	Q	Loulu	<i>Pritchardia affinis</i>	E	0	0	0
5	Q	Lousewort, Furbish	<i>Pedicularis furbishiae</i>	E	0	0	0
1	Q	Love grass, Fosberg's	<i>Eragrostis fosbergii</i>	E	0	0	0
1	Q	Lupine, clover	<i>Lupinus tidestromii</i>	E	0	0	0
4	Q	Lupine, scrub	<i>Lupinus aridorum</i>	E	0	0	0
4	Q	<i>Lyonia truncata</i> var. <i>proctorii</i> (=Sci name)	<i>Lyonia truncata</i> var. <i>proctorii</i>	E	0	0	0
1	Q	<i>Lysimachia filifolia</i> (=Sci name)	<i>Lysimachia filifolia</i>	E	0	0	0
1	Q	<i>Lysimachia lydgatei</i> (=Sci name)	<i>Lysimachia lydgatei</i>	E	0	0	0
1	Q	<i>Lysimachia maxima</i> (=ternifolia) (=Sci. name)	<i>Lysimachia maxima</i> (=ternifolia)	E	0	0	0
1	Q	Ma'aloa, Big Island	<i>Neraudia ovata</i>	E	0	0	0
1	Q	Mahoe	<i>Alectryon macrococcus</i>	E	0	0	0
1	Q	Makou	<i>Peucedanum sandwicense</i>	T	0	0	0
1	Q	Malacothrix, island	<i>Malacothrix squalida</i>	E	0	0	0
1	Q	Mallow, Kern	<i>Eremalche kernensis</i>	E	5	0	5
5	Q	Mallow, Peter's Mountain	<i>Iliamna corei</i>	E	0	0	0
1	Q	Malacothrix, Santa Cruz Island	<i>Malacothrix indecora</i>	E	0	0	0
4	Q	Manaca, palma de	<i>Calyptronoma rivalis</i>	T	0	0	0
2	Q	Manioc, Walker's	<i>Manihot walkerae</i>	E	0	0	0
1	Q	Manzanita, Del Mar (=Costa Baja, =Eastwood's)	<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>	E	0	0	0
1	Q	Manzanita, Morro	<i>Arctostaphylos morroensis</i>	T	0	0	0
1	Q	Manzanita, pallid	<i>Arctostaphylos pallida</i>	T	0	0	0
1	Q	Manzanita, Presido (=Raven's)	<i>Arctostaphylos hookeri</i> var. <i>ravenii</i>	E	0	0	0
1	Q	Manzanita, Santa Rosa Island	<i>Arctostaphylos confertiflora</i>	E	0	0	0
1	Q	Ma'ohau hele (=biscus, native yellow)	<i>Hibiscus brackenridgei</i>	E	0	0	0
1	Q	Ma'oli'oli	<i>Schiedea apokremnos</i>	E	0	0	0
1	Q	Ma'oli'oli	<i>Schiedea kealiae</i>	E	0	0	0
1	Q	Mapele	<i>Cyrtandra cyaneoides</i>	E	0	0	0
1	Q	Mariposa lily, Tiburon	<i>Calochortus tiburonensis</i>	T	0	0	0
1	Q	<i>Mariscus fauriei</i> (=Sci name)	<i>Mariscus fauriei</i>	E	0	0	0
1	Q	<i>Mariscus pennatiformis</i> (=Sci name)	<i>Mariscus pennatiformis</i>	E	0	0	0
1	Q	Meadowfoam, Butte County	<i>Limnanthes floccosa</i> ssp. <i>californica</i>	E	0	0	0
1	Q	Meadowfoam, Sebastopol	<i>Limnanthes vincularis</i>	E	0	0	0
4	Q	Meadowrue, Cooley's	<i>Thalictrum cooleyi</i>	E	0	0	0
1	Q	Mehamehame	<i>Flueggea neowawraea</i>	E	0	0	0
1	Q	Mesa-mint, Otay	<i>Pogogyne nudiuscula</i>	E	0	0	0
1	Q	Mesa-mint, San Diego	<i>Pogogyne abramsii</i>	E	0	0	0
4	Q	Milkpea, Small's	<i>Galactia smallii</i>	E	0	0	0
1	Q	Milk-vetch, Applegate's	<i>Astragalus applegatei</i>	E	0	0	0
1	Q	Milk-vetch, Ash meadows	<i>Astragalus phoenix</i>	T	0	0	0
1	Q	Milk-vetch, Braunton's	<i>Astragalus brauntonii</i>	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	38524.4
1	Q	Milk-vetch, Clara Hunt's	<i>Astragalus clarianus</i>	E	0	0	0
1	Q	Milk-vetch, coastal dunes	<i>Astragalus tener</i> var. <i>titi</i>	E	0	0	0
1	Q	Milk-vetch, Cushenbury	<i>Astragalus albens</i>	E	0	0	0
6	Q	Milk-vetch, heliotrope	<i>Astragalus montii</i>	T	0	0	0
5	Q	Milk-vetch, Jesup's	<i>Astragalus robbinsii</i> var. <i>jesupi</i>	E	0	0	0
2	Q	Milk-vetch, Mancos	<i>Astragalus humillimus</i>	E	0	0	0
6	Q	Milk-vetch, Osterhout	<i>Astragalus osterhoutii</i>	E	0	0	0
2	Q	Milk-vetch, Sentry	<i>Astragalus cremnophylax</i> var. <i>cremnophylax</i>	E	0	0	0
3	Q	Milkweed, Mead's	<i>Asclepias meadii</i>	T	0	0	0
6	Q	Milkweed, Welsh's	<i>Asclepias welshii</i>	T	0	0	0
4	Q	Mint, Garrett's (=scrub, in part)	<i>Dicerandra christmanii</i>	E	0	0	0
4	Q	Mint, Lakela's	<i>Dicerandra immaculata</i>	E	0	0	0
4	Q	Mint, longspurred	<i>Dicerandra cornutissima</i>	E	0	0	0
4	Q	Mint, scrub	<i>Dicerandra frutescens</i>	E	0	0	0
4	Q	Mitracarpus maxwelliae (=Sci name)	<i>Mitracarpus maxwelliae</i>	E	0	0	0
4	Q	Mitracarpus polycladus (=Sci name)	<i>Mitracarpus polycladus</i>	E	0	0	0
3	Q	Monkey-flower, Michigan	<i>Mimulus glabratus</i> var. <i>michiganensis</i>	E	0	0	0
3	Q	Monkshood, northern wild	<i>Aconitum noveboracense</i>	T	0	0	0
1	Q	Morning-glory, Stebbins'	<i>Calystegia stebbinsii</i>	E	0	110	110
1	Q	Mountain balm, Indian Knob	<i>Eriodictyon altissimum</i>	E	0	0	0
1	Q	Mountain-mahogany, Catalina Island	<i>Cercocarpus traskiae</i>	E	0	0	0
1	Q	Munroidendron racemosum (=Sci name)	<i>Munroidendron racemosum</i>	E	0	0	0
4	Q	Mustard, Carter's	<i>Warea carteri</i>	E	0	0	0
6	Q	Mustard, Penland alpine fen	<i>Eutrema penlandii</i>	T	0	0	0
1	Q	Mustard, slender-petaled	<i>Thelypodium stenopetalum</i>	E	0	0	0
4	Q	Myrcia paganii (=Sci name)	<i>Myrcia paganii</i>	E	0	0	0
1	Q	Na'ena'e	<i>Dubautia herbstobatae</i>	E	0	0	0
1	Q	Nani wai'ale'ale	<i>Viola kauaiensis</i> var. <i>wahiawaensis</i>	E	0	0	0
1	Q	Nanu	<i>Gardenia mannii</i>	E	0	0	0
1	Q	Naupaka, dwarf	<i>Scaevola coriacea</i>	E	0	0	0
1	Q	Navarretia, few-flowered	<i>Navarretia leucocephala</i> ssp. <i>pauciflora</i>	E	0	0	0
1	Q	Navarretia, many-flowered	<i>Navarretia leucocephala</i> ssp. <i>pliantha</i>	E	0	0	0
4	Q	Negra, cobana	<i>Stahlia monosperma</i>	T	0	0	0
1	Q	Nehe	<i>Lipochaeta tenuifolia</i>	E	0	0	0
1	Q	Nehe	<i>Lipochaeta lobata</i> var. <i>leptophylla</i>	E	0	0	0
1	Q	Nehe	<i>Lipochaeta micrantha</i>	E	0	0	0
1	Q	Nehe	<i>Lipochaeta waimeaensis</i>	E	0	0	0
1	Q	Nehe	<i>Lipochaeta kamolensis</i>	E	0	0	0
1	Q	Nehe	<i>Lipochaeta fauriei</i>	E	0	0	0
1	Q	Neraudia angulata (=Sci name)	<i>Neraudia angulata</i>	E	0	0	0
1	Q	Neraudia sericea (=Sci name)	<i>Neraudia sericea</i>	E	0	0	0
1	Q	Nioi	<i>Eugenia koolauensis</i>	E	0	0	0
1	Q	Niterwort, Amargosa	<i>Nitrophila mohavensis</i>	E	0	0	0
1	Q	Nohoanu	<i>Geranium multiflorum</i>	E	0	0	0

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					General 36322.4	Lands 2202	
2	Q	Oak, Hinckley	<i>Quercus hinckleyi</i>	T	0	0	0
1	Q	'Oha	<i>Delissea subcordata</i>	E	0	0	0
1	Q	'Oha	<i>Delissea rivularis</i>	E	0	0	0
1	Q	'Oha wai	<i>Clermontia pyralaria</i>	E	0	0	0
1	Q	'Oha wai	<i>Clermontia drepanomorpha</i>	E	0	0	0
1	Q	'Oha wai	<i>Clermontia lindseyana</i>	E	0	0	0
1	Q	'Oha wai	<i>Clermontia oblongifolia</i> ssp. <i>mauiensis</i>	E	0	0	0
1	Q	'Oha wai	<i>Clermontia oblongifolia</i> ssp. <i>brevipes</i>	E	0	0	0
1	Q	'Oha wai	<i>Clermontia peleana</i>	E	0	0	0
1	Q	'Ohai	<i>Sesbania tomentosa</i>	E	0	0	0
1	Q	'Ohe 'ohe	<i>Tetraplasandra gymnocarpa</i>	E	0	0	0
1	Q	'Olulu	<i>Brighamia insignis</i>	E	0	0	0
1	Q	Opuhe	<i>Ureca kaalae</i>	E	0	0	0
3	Q	Orchid, eastern prairie fringed	<i>Platanthera leucophaea</i>	T	0	0	0
3	Q	Orchid, western prairie fringed	<i>Platanthera praeclara</i>	T	6	0	6
1	Q	Orcutt grass, Greene's	<i>Tuctoria greenei</i>	E	0	0	0
1	Q	Orcutt grass, hairy (=pilose)	<i>Orcuttia pilosa</i>	E	0	0	0
1	Q	Orcutt grass, Sacramento	<i>Orcuttia viscida</i>	E	6	0	6
1	Q	Orcutt grass, San Joaquin	<i>Orcuttia inaequalis</i>	T	0	0	0
1	Q	Orcutt grass, slender	<i>Orcuttia tenuis</i>	T	1	0	1
1	Q	Owl's-clover, fleshy	<i>Castilleja campestris</i> ssp. <i>succulenta</i>	T	0	0	0
1	Q	Oxytheca, cushenbury	<i>Oxytheca parishii</i> var. <i>goodmaniana</i>	E	0	0	0
1	Q	Paintbrush, ash-grey	<i>Castilleja cinerea</i>	T	0	0	0
1	Q	Paintbrush, golden	<i>Castilleja levisecta</i>	T	0	0	0
1	Q	Paintbrush, soft-leaved	<i>Castilleja mollis</i>	E	0	0	0
1	Q	Paintbrush, Tiburon	<i>Castilleja affinis</i> ssp. <i>neglecta</i>	E	0	0	0
4	Q	Palo colorado	<i>Ternstroemia luquillensis</i>	E	0	0	0
4	Q	Palo de jazmin	<i>Styrax portoricensis</i>	E	0	0	0
4	Q	Palo de Nigua	<i>Cornutia obovata</i>	E	0	0	0
4	Q	Palo de Ramon	<i>Banara vanderbiltii</i>	E	0	0	0
1	Q	Pamakani	<i>Tetramolopium capillare</i>	E	0	0	0
1	Q	Pamakani	<i>Viola chamissoniana</i> ssp. <i>chamissoniana</i>	E	0	0	0
1	Q	Panicgrass, Carter's	<i>Panicum fauriei</i> var. <i>carteri</i>	E	0	0	0
1	Q	Pau'ala	<i>Brighamia rockii</i>	E	0	0	0
4	Q	Pawpaw, beautiful	<i>Deeringothamnus pulchellus</i>	E	0	0	0
4	Q	Pawpaw, four-petal	<i>Asimina tetramera</i>	E	0	0	0
4	Q	Pawpaw, Rugel's	<i>Deeringothamnus rugelii</i>	E	0	0	0
4	Q	Pelos del diablo	<i>Aristida portoricensis</i>	E	0	0	0
2	Q	Pennyroyal, Todsen's	<i>Hedeoma todsenii</i>	E	0	0	0
6	Q	Penstemon, blowout	<i>Penstemon haydenii</i>	E	0	0	0
1	Q	Pentachaeta, Lyon's	<i>Pentachaeta lyonii</i>	E	0	0	0
1	Q	Pentachaeta, white-rayed	<i>Pentachaeta bellidiflora</i>	E	0	0	0
4	Q	Peperomia, Wheeler's	<i>Peperomia wheeleri</i>	E	0	0	0
6	Q	Phacelia, clay	<i>Phacelia argillacea</i>	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General	Lands	Total
					36322.4	2202	38524.4
1	Q	Phacelia, island	Phacelia insularis var. insularis	E	0	0	0
6	Q	Phacelia, North Park	Phacelia formosula	E	0	0	0
2	Q	Phlox, Texas trailing	Phlox nivalis ssp. texensis	E	0	0	0
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	Phyllostegia glabra var. lanaiensis	E	0	0	0
1	Q	Phyllostegia hirsuta (=Sci. name)	Phyllostegia hirsuta	E	0	0	0
1	Q	Phyllostegia kaalaensis (=Sci. name)	Phyllostegia kaalaensis	E	0	0	0
1	Q	Phyllostegia knudsenii , (=Sci. name)	Phyllostegia knudsenii	E	0	0	0
1	Q	Phyllostegia mannii (=Sci name)	Phyllostegia mannii	E	0	0	0
1	Q	Phyllostegia mollis (=Sci name)	Phyllostegia mollis	E	0	0	0
1	Q	Phyllostegia parviflora (=Sci. name)	Phyllostegia parviflora	E	0	0	0
1	Q	Phyllostegia velutina (=Sci. name)	Phyllostegia velutina	E	0	0	0
1	Q	Phyllostegia waimeae (=Sci name)	Phyllostegia waimeae	E	0	0	0
1	Q	Phyllostegia warshaueri (=Sci. name)	Phyllostegia warshaueri	E	0	0	0
1	Q	Phyllostegia wawrana , (=Sci. name)	Phyllostegia wawrana	E	0	0	0
1	Q	Pilo	Hedyotis mannii	E	0	0	0
4	Q	Pinkroot, gentian	Spigelia gentianoides	E	0	0	0
5	Q	Pink, swamp	Helonias bullata	T	0	0	0
1	Q	Piperia, Yadon's	Piperia yadonii	E	0	0	0
2	Q	Pitaya, Davis' green	Echinocereus viridiflorus var. davisii	E	0	0	0
4	Q	Pitcher-plant, Alabama canebrake	Sarracenia rubra ssp. alabamensis	E	0	0	0
4	Q	Pitcher-plant, green	Sarracenia oreophila	E	0	0	0
4	Q	Pitcher-plant, mountain sweet	Sarracenia rubra ssp. jonesii	E	0	0	0
1	Q	Platanthera holochila (=Sci. name)	Platanthera holochila	E	0	0	0
4	Q	Plum, scrub	Prunus geniculata	E	0	0	0
1	Q	Poa siphonoglossa (=Sci name)	Poa siphonoglossa	E	0	0	0
1	Q	Po'e	Portulaca sclerocarpa	E	0	0	0
5	Q	Pogonia, small whorled	Isotria medeoloides	T	0	0	0
4	Q	Polygala, Lewton's	Polygala lewtonii	E	0	0	0
4	Q	Polygala, tiny	Polygala smallii	E	0	0	0
4	Q	Pondberry	Lindera melissifolia	E	0	0	0
2	Q	Pondweed, Little Aguja Creek	Potamogeton clystocarpus	E	0	0	0
1	Q	Popolo, ku mai (=Popolo, thorny)	Solanum incompletum	E	0	0	0
2	Q	Poppy-mallow, Texas	Callirhoe scabriuscula	E	0	0	0
2	Q	Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	E	0	0	0
4	Q	Potato-bean, Price's	Apios priceana	T	0	0	0
1	Q	Potentilla, Hickman's	Potentilla hickmanii	E	0	0	0
4	Q	Prairie-clover, leafy	Dalea foliosa	E	0	0	0
4	Q	Prickly-apple, fragrant	Cereus eriophorus var. fragrans	E	0	0	0
4	Q	Prickly-ash, St. Thomas	Zanthoxylum thomasianum	E	0	0	0
6	Q	Primrose, Maguire	Primula maguirei	T	0	0	0
1	Q	Pritchardia remota (=Sci name)	Pritchardia remota	E	0	0	0
1	Q	Pussypaws, Mariposa	Calyptridium pulchellum	T	0	0	0
1	Q	Pu'uka'a	Cyperus trachysanthos	E	0	0	0
4	Q	Rattleweed, hairy	Baptisia arachnifera	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	
6	Q	Reed-mustard, Barneby	Schoenocrambe barnebyi	E	0	0	0
6	Q	Reed-mustard, clay	Schoenocrambe argillacea	T	0	0	0
1	Q	Remya kauaiensis (=Sci name)	Remya kauaiensis	E	0	0	0
1	Q	Remya montgomeryi (=Sci name)	Remya montgomeryi	E	0	0	0
1	Q	Remya, Maui	Remya mauiensis	E	0	0	0
4	Q	Rhododendron, Chapman	Rhododendron chapmanii	E	0	0	0
6	Q	Ridge-cress (=pepper-cress), Barneby	Lepidium barnebyanum	E	0	0	0
4	Q	Rock-cress	Arabis perstellata	E	0	0	0
1	Q	Rock-cress, Hoffmann's	Arabis hoffmannii	E	0	0	0
1	Q	Rock-cress, McDonald's	Arabis mcdonaldiana	E	0	0	0
1	Q	Rockcress, Santa Cruz Island	Sibara filifolia	E	0	0	0
5	Q	Rock-cress, shale barren	Arabis serotina	E	0	0	0
1	Q	Rollandia crispa (=Sci name)	Rollandia crispa	E	0	0	0
4	Q	Rosa, palo de	Ottoschulzia rhodoxylon	E	0	0	0
4	Q	Rosemary, Apalachicola	Conradina glabra	E	0	0	0
4	Q	Rosemary, Cumberland	Conradina verticillata	T	0	0	0
4	Q	Rosemary, Etonia	Conradina etonia	E	0	0	0
4	Q	Rosemary, short-leaved	Conradina brevifolia	E	0	0	0
3	Q	Roseroot, Leedy's	Sedum integrifolium ssp. leedyi	T	0	0	0
2	Q	Rush-pea, slender	Hoffmannseggia tenella	E	0	0	0
1	Q	Rush-rose, island	Helianthemum greenei	T	0	0	0
1	Q	Sandalwood, Lanai or 'iliahi	Santalum freycinetianum var. lanaiense	E	0	0	0
1	Q	Sandbur, agrimony or Kamanomano	Cenchrus agrimonioides	E	0	0	0
4	Q	Sandlace	Polygonella myriophylla	E	0	0	0
2	Q	Sand-verbena, large-fruited	Abronia macrocarpa	E	0	0	0
1	Q	Sandwort, Bear Valley	Arenaria ursina	T	0	0	0
4	Q	Sandwort, Cumberland	Arenaria cumberlandensis	E	0	0	0
1	Q	Sandwort, Marsh	Arenaria paludicola	E	0	0	0
1	Q	Sanicula mariversa (=Sci name)	Sanicula mariversa	E	0	0	0
1	Q	Sanicula purpurea (=Sci. name)	Sanicula purpurea	E	0	0	0
1	Q	Schiedea haleakalensis (=Sci name)	Schiedea haleakalensis	E	0	0	0
1	Q	Schiedea helleri , (=Sci. name)	Schiedea helleri	E	0	0	0
1	Q	Schiedea hookeri (=Sci. name)	Schiedea hookeri	E	0	0	0
1	Q	Schiedea kaalae (=Sci name)	Schiedea kaalae	E	0	0	0
1	Q	Schiedea kauaiensis (=Sci. name)	Schiedea kauaiensis	E	0	0	0
1	Q	Schiedea lydgatei (=Sci name)	Schiedea lydgatei	E	0	0	0
1	Q	Schiedea membranacea , (=Sci. name)	Schiedea membranacea	E	0	0	0
1	Q	Schiedea nuttallii (=Sci. name)	Schiedea nuttallii	E	0	0	0
1	Q	Schiedea sarmentosa (=Sci. name)	Schiedea sarmentosa	E	0	0	0
1	Q	Schiedea spergulina var. leiopoda (=Sci name)	Schiedea spergulina var. leiopoda	E	0	0	0
1	Q	Schiedea spergulina var. spergulina (=Sci name)	Schiedea spergulina var. spergulina	T	0	0	0
1	Q	Schiedea verticillata (=Sci name)	Schiedea verticillata	E	0	0	0
1	Q	Schiedea, Diamond Head	Schiedea adamantis	E	0	0	0
4	Q	Schoepfia arenaria (=Sci name)	Schoepfia arenaria	T	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	General 36322.4	Lands 2202	Grand Total 38524.4
1	Q	Seablite, California	Suaeda californica	E	0	0	0
2	Q	Sedge, Navajo	Carex specuicola	T	0	0	0
1	Q	Sedge, white	Carex albida	E	0	0	0
1	Q	Silene alexandri (=Sci name)	Silene alexandri	E	0	0	0
1	Q	Silene hawaiiensis (=Sci name)	Silene hawaiiensis	T	0	0	0
1	Q	Silene lanceolata (=Sci name)	Silene lanceolata	E	0	0	0
1	Q	Silene perlmanii (=Sci name)	Silene perlmanii	E	0	0	0
1	Q	Silversword, 'Ahinahina Mauna Kea	Argyroxiphium sandwicense ssp. sandwicense	E	0	0	0
1	Q	Silversword, Haleakala ('ahinahina)	Argyroxiphium sandwicense ssp. macrocephalum	E	0	0	0
1	Q	Silversword, Ka'u	Argyroxiphium kauense	E	0	0	0
4	Q	Skullcap, Florida	Scutellaria floridana	T	0	0	0
4	Q	Skullcap, large-flowered	Scutellaria montana	E	0	0	0
4	Q	Snakeroot	Eryngium cuneifolium	E	0	0	0
2	Q	Snowbells, Texas	Styrax texana	E	0	0	0
1	Q	Spermolepis hawaiiensis (=Sci name)	Spermolepis hawaiiensis	E	0	0	0
1	Q	Spineflower, Ben Lomond	Chorizanthe pungens var. hartwegiana	E	0	0	0
1	Q	Spineflower, Howell's	Chorizanthe howellii	E	0	0	0
1	Q	Spineflower, Monterey	Chorizanthe pungens var. pungens	T	0	0	0
1	Q	Spineflower, Orcutt's	Chorizanthe orcuttiana	E	0	0	0
1	Q	Spineflower, Robust (incl. Scotts Valley)	Chorizanthe robusta (incl. vars. robusta & hartwegii	E	0	0	0
1	Q	Spineflower, slender-horned	Dodecahema leptoceras	E	0	0	0
1	Q	Spineflower, Sonoma	Chorizanthe valida	E	0	0	0
5	Q	Spiraea, Virginia	Spiraea virginiana	T	0	0	0
4	Q	Spurge, deltoid	Chamaesyce deltoidea ssp. deltoidea	E	0	0	0
4	Q	Spurge, Garber's	Chamaesyce garberi	T	0	0	0
1	Q	Spurge, Hoover's	Chamaesyce hooveri	T	0	0	0
4	Q	Spurge, telephus	Euphorbia telephioides	T	0	0	0
1	Q	Stenogyne angustifolia (=Sci name)	Stenogyne angustifolia	E	0	0	0
1	Q	Stenogyne bifida (=Sci name)	Stenogyne bifida	E	0	0	0
1	Q	Stenogyne campanulata (=Sci name)	Stenogyne campanulata	E	0	0	0
1	Q	Stenogyne kanehoana (=Sci name)	Stenogyne kanehoana	E	0	0	0
1	Q	Stonecrop, Lake County	Parvisedum leiocarpum	E	0	0	0
4	Q	Sumac, Michaux's	Rhus michauxii	E	0	0	0
1	Q	Sunburst, Hartweg's golden	Pseudobahia bahiifolia	E	0	0	0
1	Q	Sunburst, San Joaquin adobe	Pseudobahia peirsonii	T	0	0	0
4	Q	Sunflower, Eggert's	Helianthus eggertii	T	0	0	0
1	Q	Sunflower, San Mateo woolly	Eriophyllum latilobum	E	0	0	0
4	Q	Sunflower, Schweinitz's	Helianthus schweinitzii	E	0	0	0
1	Q	Sunray, Ash Meadows	Enceliopsis nudicaulis var. corrugata	T	0	0	0
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	Blennosperma bakeri	E	0	0	0
1	Q	Taraxacum, California	Taraxacum californicum	E	0	0	0
4	Q	Ternstroemia subsessilis (=Sci name)	Ternstroemia subsessilis	E	0	0	0
1	Q	Tetramolopium rockii (=Sci name)	Tetramolopium rockii	T	0	0	0
1	Q	Tetramolopium arenarium (=Sci name)	Tetramolopium arenarium	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	General 36322.4	Lands 2202	Grand Total 38524.4
1	Q	Tetramolopium filiforme (=Sci name)	Tetramolopium filiforme	E	0	0	0
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci	Tetramolopium lepidotum ssp. lepidotum	E	0	0	0
1	Q	Tetramolopium remyi (=Sci name)	Tetramolopium remyi	E	0	0	0
1	Q	Thistle, Chorro Creek	Cirsium fontinale var. obispoense	E	0	0	0
1	Q	Thistle, fountain	Cirsium fontinale var. fontinale	E	0	0	0
1	Q	Thistle, Loch Lomond coyote	Eryngium constancei	E	0	0	0
3	Q	Thistle, Pitcher's	Cirsium pitcheri	T	0	0	0
2	Q	Thistle, Sacramento Mountains	Cirsium vinaceum	T	0	0	0
1	Q	Thistle, Suisun	Cirsium hydrophilum var. hydrophilum	E	1	0	1
1	Q	Thornmint, San Mateo	Acanthomintha obovata ssp. duttonii	E	0	0	0
6	Q	Townsendia, Last Chance	Townsendia aprica	T	0	0	0
4	Q	Tree, pygmy fringe	Chionanthus pygmaeus	E	0	0	0
1	Q	Trematolobelia singularis (=Sci. name)	Trematolobelia singularis	E	0	0	0
4	Q	Trillium, persistent	Trillium persistens	E	0	0	0
4	Q	Trillium, relict	Trillium reliquum	E	0	0	0
6	Q	Twinpod, Dudley Bluffs	Physaria obcordata	T	0	0	0
1	Q	Uhiuhi	Caesalpinia kavaiense	E	0	0	0
4	Q	Uvillo	Eugenia haematocarpa	E	0	0	0
4	Q	Vernonia proctorii (=Sci name)	Vernonia proctorii	E	0	0	0
1	Q	Vervain, Red Hills	Verbena californica	T	0	0	0
1	Q	Vetch, Hawaiian	Vicia menziesii	E	0	0	0
1	Q	Vigna o-wahuensis (=Sci name)	Vigna o-wahuensis	E	0	0	0
1	Q	Viola helenae (=Sci name)	Viola helenae	E	0	0	0
1	Q	Viola lanaiensis (=Sci name)	Viola lanaiensis	E	0	0	0
1	Q	Viola oahuensis (=Sci. Name)	Viola oahuensis	E	0	0	0
1	Q	Wahane (=Hawane or Ioulu)	Pritchardia aylmer-robinsonii	E	0	0	0
1	Q	Wallflower, Ben Lomond	Erysimum teretifolium	E	0	0	0
1	Q	Wallflower, Contra Costa	Erysimum capitatum var. angustatum	E	0	0	0
1	Q	Wallflower, Menzies'	Erysimum menziesii	E	0	0	0
4	Q	Walnut, West Indian or nogal	Juglans jamaicensis	E	0	0	0
4	Q	Warea, wide-leaf	Warea amplexifolia	E	0	0	0
1	Q	Watercress, Gambel's	Rorippa gambellii	E	0	0	0
4	Q	Water-plantain, Kral's	Sagittaria secundifolia	T	0	0	0
2	Q	Water-umbel, Huachuca	Lilaeopsis schaffneriana ssp. recurva	E	0	0	0
4	Q	Water-willow, Cooley's	Justicia cooleyi	E	0	0	0
4	Q	Whitlow-wort, papery	Paronychia chartacea	T	0	0	0
6	Q	Wild-buckwheat, clay-loving	Eriogonum pelinophilum	E	0	0	0
2	Q	Wild-buckwheat, gypsum	Eriogonum gypsophilum	T	0	0	0
1	Q	Wild-buckwheat, southern mountain	Eriogonum kennedyi var. austromontanum	T	0	0	0
2	Q	Wild-rice, Texas	Zizania texana	E	0	0	0
4	Q	Wings, Pigeon	Clitoria fragrans	T	0	0	0
1	Q	Wire-lettuce, Malheur	Stephanomeria malheurensis	E	0	0	0
4	Q	Wireweed	Polygonella basiramia	E	0	0	0
1	Q	Woodland-star, San Clemente Island	Lithophragma maximum	E	0	0	0

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	Grand Total		
					General 36322.4	Lands 2202	38524.4
1	Q	Woolly-star, Hoover's	Eriastrum hooveri	T	5	0	5
1	Q	Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	E	0	0	0
1	Q	Wooly-threads, San Joaquin	Lembertia congdonii	E	5	0	5
1	Q	Xylosma crenatum (=Sci name)	Xylosma crenatum	E	0	0	0
4	Q	Ziziphus, florida	Ziziphus celata	E	0	0	0
1	R	Cypress, Gowen	Cupressus goveniana ssp. goveniana	T	0	0	0
1	R	Cypress, Santa Cruz	Cupressus abramsiana	E	0	0	0
4	R	Torreya, Florida	Torreya taxifolia	E	0	0	0
4	S	Adiantum vivesii (=Sci name)	Adiantum vivesii	E	0	0	0
1	S	Asplenium fragile var. insulare (=Sci name)	Asplenium fragile var. insulare	E	0	0	0
1	S	Diellia falcata (=Sci name)	Diellia falcata	E	0	0	0
1	S	Diellia pallida (=laciniata) (=Sci name)	Diellia pallida (=laciniata)	E	0	0	0
1	S	Diellia unisora (=Sci name)	Diellia unisora	E	0	0	0
1	S	Diellia, asplenium-leaved	Diellia erecta	E	0	0	0
1	S	Diplazium molokaiense (=Sci name)	Diplazium molokaiense	E	0	0	0
4	S	Elaphoglossum serpens (=Sci name)	Elaphoglossum serpens	E	0	0	0
4	S	Fern, Alabama streak-sorus	Thelypteris pilosa var. alabamensis	T	0	0	0
7	S	Fern, Aleutian shield	Polystichum aleuticum	E	0	0	0
4	S	Fern, American hart's-tongue	Asplenium scolopendrium var. americanum	T	0	0	0
4	S	Fern, Elfin tree	Cyathea dryopteroides	E	0	0	0
1	S	Fern, pendant kihi	Adenophorus perieni	E	0	0	0
1	S	Ihi' ihi	Marsilea villosa	E	0	0	0
1	S	Pauoa	Ctenitis squamigera	E	0	0	0
4	S	Polystichum calderonense (=Sci name)	Polystichum calderonense	E	0	0	0
1	S	Pteris lidgatei (=Sci name)	Pteris lidgatei	E	0	0	0
4	S	Quillwort, black spored	Isoetes melanospora	E	0	0	0
4	S	Quillwort, Louisiana	Isoetes louisianensis	E	0	0	0
4	S	Quillwort, mat-forming	Isoetes tegetiformans	E	0	0	0
4	S	Tectaria estremerana (=Sci name)	Tectaria estremerana	E	0	0	0
4	S	Thelypteris inabonensis (=Sci name)	Thelypteris inabonensis	E	0	0	0
4	S	Thelypteris verecunda (=Sci name)	Thelypteris verecunda	E	0	0	0
4	S	Thelypteris yaucoensis (=Sci name)	Thelypteris yaucoensis	E	0	0	0
1	S	Wawae'iole	Huperzia mannii	E	0	0	0
1	S	Wawa'iole	Lycopodium nutans	E	0	0	0
4	U	Cladonia, Florida perforate	Cladonia perforata	E	0	0	0
4	U	Lichen, rock gnome	Gymnoderma lineare	E	0	0	0

NPS TE Species Expenditures

NAMES SCIENTIFIC	COMMON	LISTING STATUS*	EXPENDITURES			
			1998	1999	2000	2001
Acipenser brevirostrum	shortnose sturgeon	E	300	0	0	10,000
Acipenser oxyrhynchus desotoi	gulf sturgeon	T	0	1,000	1,000	0
Adenophorus periens	pendant kihifern	E	0	0	0	0
Aeschynomene virginica	Virginia Sensitive jointvetch	T	0	0	6,000	25,000
Alasmidonta atropurpurea	cumberland elktoe	E	2,667	2,666	2,666	2,666
Alasmidonta heterodon	dwarf wedge mussel	E	1,412	1,608	17,520	16,520
Alopecurus aequalis sonomensis	Sonoma shortawn foxtail	E	500	500	10,000	10,000
Amaranthus pumilus	seaside amaranth	T	31,360	44,422	107,924	149,872
Ameiva polops	St. Croix ground lizard	E	0	16,200	12,800	1,800
Ammodramus maritimus mirabilis	Cape Sable seaside sparrow	E	333,000	205,000	320,500	262,500
Antilocapra americana sonoriensi	Sonoran pronghorn	E	71,000	46,000	89,000	76,000
Aphelocoma coerulescens	florida scrub-jay	T	6,000	2,000	4,000	4,000
Apios priceana	Prince's potato bean	T	200	200	300	300
Arabis hoffmannii	Hoffman's rockcress	E	1,000	1,000	1,000	1,000
Arabis perstellata	Nevada rockcress	E	200	200	300	300
Arctostaphylos confertiflora	Santa Rosa Island manzanita	E	5,000	1,700	1,700	2,800
Argyroxiphium kauense	kau silversword	E	10,000	30,000	30,000	40,000
Argyroxiphium sandwicense macrocephalus	haleakala silversword	T	0	500	500	0
Argyroxiphium sandwicense sandwicense	Hawaii silversword	E	0	0	0	0
Asplenium rhomboideum	diamond spleenwort	E	0	500	500	500
Astragalus bibullatus	Guthries ground plum	E	0	0	0	600
Astragalus cremnophylax var. cremnophyla	sentry milkvetch	E	1,500	1,500	1,500	1,500
Brachyramphus marmoratus marmora	marbled murrelet	T	81,500	73,000	77,000	57,000
Buteo solitarius	hawaiian hawk	E	0	0	0	0
Caesalpinia kavauiense	uhiuhi	E	0	0	0	0
Calyptanthus thomasiana	Thomas' lidflower	E	0	0	500	0
Canis lupus	gray wolf	EXPN	799,195	749,296	792,785	772,400
Canis rufus	red wolf	EXPN	20,000	0	0	0
Caretta caretta	loggerhead sea turtle	T	170,581	240,238	260,112	310,113
Carex specuicola	Navaho sedge	T	1,000	1,000	0	0
Castilleja mollis	softleaf indian paintbrush	E	7,600	13,000	9,500	8,000
Chamaesyce garberi	Garber's sandmat	T	2,200	0	0	0
Charadrius alexandrinus	western snowy plover	T	90,000	65,000	100,000	64,000
Charadrius melodus	piping plover	E	270,669	314,231	323,022	533,926
Chelonia mydas	common green sea turtle	T	55,601	60,032	62,630	70,817
Chorizanthe valida	Sonoma spineflower	E	1,000	10,000	5,000	10,000
Cirsium pitcheri	Pitcher's thistle	T	2,000	3,600	10,100	9,550
Clemmys mhlenbergii	bog turtle	T	9,450	7,050	18,600	38,770
Clermontia peleana peleana	haha	E	0	0	0	0
Condradilla caelata	Birdwing pearly mussel	E	200	200	300	300
Corvus hawaiiensis	'alala	E	0	0	0	0
Corynorhinus townsendii	Ozark big ear bat	E	18,300	18,300	20,900	23,300
Coryphantha ramillosa	bunched cory cactus	T	1,000	1,800	1,000	1,600
Crocodylus acutus	American crocodile	E	27,600	20,659	24,637	25,137
Cycladenia humilis jonesii	Jone's cycladenia	T	1,500	0	0	0
Cynomys parvidens	Utah prairie dog	T	10,000	15,000	20,000	20,000
Cyprinella monacha	Chromium shiner	T	1,400	1,400	1,500	2,950
Cyprinodon diabolis	Devils Hole pupfish	E	200,000	3,000	3,000	45,000
Cyprinodon macularius	Desert pupfish	E	7,000	3,000	5,000	5,000
Cyprogenia stegaria	fanshell	E	0	0	0	1,000
Cyrtandra giffardii	forest cyrtandra	E	0	0	0	0
Dalea foliosa	leafy prairie-flower	E	200	200	300	300
Dendroica kirtlandii	kirtland's warbler	E	200	200	200	100
Demochelys coriacea	leatherback sea turtle	E	36,253	40,644	40,523	46,105
Drymarchon corais couperi	eastern indigo snake	T	0	5,000	5,000	16,200
Dudleya nesiotica	Santa Cruz Island liveforever	E	0	1,000	500	500
Dudleya traskiae	Santa Barbara Island liveforever	E	1,000	2,000	1,500	500
Echinacea tennesseensis	Tennessee purple coneflower	E	200	200	300	300
Echinocereus chisoensis chisoensis	chisos mountain hedgehog cactus	T	1,600	3,800	24,000	34,000
Empidonax traillii extimus	Southwestern willow flycatcher	E	13,600	13,600	10,400	8,900
Epioblasma brevidens	Cumberlandian combshell	E	2,667	2,666	2,666	2,666
Epioblasma capsaeformis	oyster mussel	E	2,667	2,666	2,666	2,666
Epioblasma torulosa rangiana	northern riffleshell	E	0	0	0	1,000
Epioblasma torulosa tortulosa	purple cats paw pearly mussel	E	0	0	0	1,500
Epioblasma walkeri	tan riffleshell	E	2,867	2,866	2,966	2,966

NPS TE Species Expenditures

NAMES SCIENTIFIC	COMMON	LISTING STATUS*	EXPENDITURES			
			1998	1999	2000	2001
Eretmochelys imbricata	hawksbill sea turtle	E	182,681	187,358	187,952	180,333
Erigeron maguirei	MaGuire's daisy	T	5,000	5,000	5,000	5,000
Etheostoma boschungii	slackwater darter	T	600	1,200	2,600	1,200
Etheostoma percnum	duskytail darter	E	0	0	1,200	23,650
Etheostoma rubrum	Bayou darter	T	200	200	200	2,400
Eucyclogobius newberryi	tidewater goby	E	25,000	5,000	10,000	5,000
Eumetopias jubatus	Steller sea lion	E	15,000	10,000	20,000	30,000
Falco peregrinus	peregrine	DM	136,872	105,181	155,429	104,806
Fusconaia cor	shiny pigtoe	E	200	200	300	300
Galium buxifolium	Santa Cruz Island bedstraw	DM	1,000	1,000	1,000	1,000
Gambusia gaigei	Big Bend gambusia	E	29,093	21,800	16,900	6,900
Geum radiatum	Appalachian avens	E	15,000	9,000	9,000	9,600
Gila cypha	humpback chub	E	0	12,000	7,000	2,000
Gila elegans	bonytail	E	5,000	5,000	5,000	5,000
Gilia tenuiflora hoffmannii	Hoffman's gilia	DM	4,600	4,600	3,800	1,000
Glaucidium brasilianum cactorum	cactus ferruginous pygmy-owl	E	3,000	3,000	4,000	5,000
Glaucmys sabrinus coloratus	Carolina northern flying squirrel	E	0	5,000	5,000	27,300
Gopherus agassizii	desert tortoise	T	81,000	60,000	62,000	50,000
Gopherus polyphemus	gopher tortoise	T	3,000	3,000	18,000	9,000
Graptemys oculifera	ringed sawback turtle	T	200	200	300	300
Grus americana	whooping crane	EXPN	7,000	7,000	7,000	7,000
Gymnoderma lineare	rock gnome lichen	E	10,000	9,000	9,000	9,300
Gymnogyps californianus	california condor	EXPN	500	5,500	15,000	38,600
Haliaeetus leucocephalus	bald eagle	T	305,145	229,508	270,226	274,025
Helianthemum greenei	island rush-rose	T	1,000	1,000	1,000	1,600
Helianthus eggertii	Eggert's sunflower	T	3,200	200	300	11,300
Helonias bullata	swamp pink	T	0	0	0	900
Hernignathus munroi	'akiapola'au	E	0	0	0	0
Heralides aristodemus ponceanus	Schaus swallowtail	E	840	935	1,582	1,882
Hexastylis naniflora	dwarf-flowered heartleaf	T	150	150	150	2,016
Hibiscadelphus giffardianus	Kauai hau kuahiwi	E	500	1,000	2,000	2,000
Ischaemum byrone	Hilo murainagrass	E	1,000	3,000	4,000	2,000
Isotria medeoloides	small whorled pogonia orchid	T	1,000	2,000	1,000	2,740
Kokia drynarioides	Hawaii tree cotton	E	0	0	0	0
Lampsilis abrupta	pink mucket	E	0	0	0	1,000
Lampsilis higginsii	Higgin's eye pearly mussel	E	41,400	51,000	65,000	110,500
Lampsilis perovalis	orange-nacre mucket	T	200	200	300	300
Lasiurus cinereus semotus	Hawaiian hoary bat	E	0	0	0	0
Layia camosa	Beach Layia	E	1,000	1,000	2,000	16,000
Lepidochelys kempii	Kemp's ridley sea turtle	E	172,528	205,392	214,745	165,512
Leptonycteris curasoae yerbabuen	lesser long-nosed bat	E	8,000	8,000	9,000	9,000
Leptonycteris nivalis	Mexican long-nosed bat	E	200	200	200	200
Lesquerella filiformis	Missouri bladderpod	E	35,500	69,600	69,600	88,100
Liatris helleri	Heller's blazingstar	T	10,000	0	0	720
Lilium occidentale	Western Lily	E	0	0	1,000	1,000
Loxops coccineus coccineus	honeycreeper	E	0	0	0	0
Lupinus tidestromii	clover lupine	E	1,000	1,000	2,000	15,000
Lycæides melissa samuelis	Kamer blue butterfly	E	28,850	35,550	20,450	33,450
Lynx canadensis	lynx	T	12,250	48,300	91,925	135,900
Mahonia pinnata insularis	island barberry	E	2,500	500	500	500
Malacothamnus fasciculatus nesio	santa cruz island bus	E	500	500	500	500
Malacothrix indecora	santa cruz island mal	E	7,400	4,000	1,000	1,000
Malacothrix squalida	island malacothrix	E	500	500	500	500
Megaptera novaeangliae	humpback whale	E	70,000	70,000	98,000	260,000
Melicope zahlbruckneri	kipuka piaula	E	0	0	1,000	2,000
Microhexura montivaga	Spruce-fir moss spider	E	0	9,800	9,800	9,800
Mimulus glabratus michiganensis	Michigan monkey-flower	E	0	0	0	200
Mustela nigripes	black-footed ferret	EXPN	165,000	135,000	112,000	135,000
Mycteria americana	wood stork	E	8,340	8,935	24,082	10,882
Myotis grisescens	gray bat	E	20,600	20,150	35,950	29,550
Myotis sodalis	Indiana bat	E	38,808	55,200	54,278	58,175
Neraudia ovata	big island ma'oloa	E	0	0	0	0
Nerodia clarkii taeniata	Atlantic salt marsh snake	T	0	1,000	1,000	0
Nesochen sandvicensis	hawaiian goose	E	30,000	45,000	54,000	54,000
Nothoecstrum breviflorum	smallflower aiea	E	0	0	5,000	2,000
Notropis girardi	Arkansas river shiner	T	0	216	432	1,080
Notropis topeka	Topeka shiner	E	2,000	2,000	2,000	27,000
Noturus baileyi	smoky madtom	E	1,200	1,200	1,200	2,650

NPS TE Species Expenditures

NAMES SCIENTIFIC	COMMON	LISTING STATUS*	EXPENDITURES			
			1998	1999	2000	2001
Noturus flavipinnis	yellowfin madtom	T	1,200	1,200	1,200	2,650
Obovaria retusa	golf stick pearly mussel	E	0	0	0	1,000
Ochrosia kilaueaensis	Hawaii yellowwood	E	0	0	0	0
Oenothera californica eurekaensis	eureka dunes evening-	E	10,000	0	32,500	2,500
Oncorhynchus clarkii stomias	greenback cutthroat trout	T	31,000	33,500	31,500	31,000
Oncorhynchus keta	chum salmon	T	0	0	1,000	3,000
Oncorhynchus kisutch	Coho salmon	T	194,000	189,000	130,000	148,000
Oncorhynchus mykiss	Steelhead	T	25,000	25,000	67,000	63,000
Oncorhynchus nerka	sockeye salmon	T	4,000	10,000	25,000	13,000
Oncorhynchus tshawytscha	chinook salmon	T	21,500	21,500	67,500	66,500
Oreomystis mana	hawaii creeper	E	0	0	0	0
Ovis canadensis sierrae	Sierra Nevada bighorn sheep	E	10,500	5,300	3,400	3,500
Oxyloma haydeni kanabensis	kanab ambersnail	E	5,000	5,000	2,000	2,000
Palaemonias ganteri	Kentucky cave shrimp	E	0	0	0	10,000
Pediocactus bradyi	Brady's hedghog cactus	E	2,000	0	1,000	0
Pediocactus despaini	Despain's cactus	E	10,000	10,000	2,000	2,000
Pediocactus winkleri	Winkler's cactus	T	10,000	10,000	6,000	6,000
Pegias fabula	little-wing pearly mussel	E	2,667	2,666	2,666	2,666
Pelecanus occidentalis	brown pelican	E	22,600	33,750	43,700	27,600
Pentachaeta bellidiflora	whiteray pygmydaisy	E	0	0	0	0
Peromyscus polionotus niveiventris	southeastern beach mouse	T	0	5,000	5,000	7,000
Peromyscus polionotus trissyllep	Perdido Key Beach mouse	E	7,000	8,000	118,000	42,000
Phacelia insularis insularis	Santa Rosa Island scorpionweed	E	7,400	4,000	500	4,000
Phoxinus cumberlandensis	blackside dace	T	11,400	11,600	11,950	16,950
Phyllostegia racemosa	kiponapona	E	0	0	0	500
Physeter catodon	sperm whale	E	0	0	1,000	0
Picoides borealis	red-cockaded woodpecker	E	33,000	57,200	60,500	61,600
Plantago hawaiiensis	Hawaii plantain	E	1,000	1,000	2,000	3,000
Platanthera praeclara	Great Plains white fringed orchid	T	17,500	42,600	30,900	56,560
Pleobasus cooperianus	orange-footed pearly mussel	E	200	200	300	300
Pleomele hawaiiensis	Hawaii hala pepe	E	500	500	500	1,000
Plethodon shenandoah	Shenandoah salamander	E	0	6,000	0	0
Pleurobema clava	clubshell	E	0	0	0	1,000
Pleurobema plenum	rough pigtoe	E	0	0	0	1,000
Polysticta stelleri	steller's eider	T	0	0	0	10,000
Portulaca sclerocarpa	'ihi makole	E	5,000	5,000	2,000	0
Pritchardia affinis	Hawaii pritchardia	E	1,000	1,000	2,000	1,000
Psittirostra psittacea	'o'u	E	0	0	0	0
Pterodroma phaeopygia sandwichen	hawaiian dark-rumped petrel	E	2,000	5,000	0	74,000
Ptilimnium nodosum	piedmont mock bishopweed	E	608	608	608	13,040
Ptychocheilus lucius	Colorado pikeminnow	E	500	12,500	26,000	26,000
Puffinus auricularis	'a'o	T	0	0	0	0
Puma concolor coryi	florida panther	E	103,000	105,000	134,800	171,800
Quadrula fragosa	winged mapleleaf mussel	E	41,400	51,000	65,000	75,000
Rana aurora draytoni	California red-legged frog	T	50,000	48,000	65,000	57,000
Sagittaria secundifolia	Little River arrowhead	T	0	2,000	0	0
Salvelinus confluentus	bull trout	T	72,100	174,850	144,400	132,100
Sarracenia oreophila	green pitcherplant	E	25,000	3,000	3,000	3,000
Schoenocrambe barnebyi	Barneby thelypody	E	1,000	1,000	1,000	1,000
Sclerocactus mariposensis	Lloyd's mariposa cactus	T	1,000	1,400	1,000	1,600
Sclerocactus wrightiae	Wright's fishhook cactus	E	0	1,000	6,000	6,000
Scutellaria montana	largeflower skullcap	E	100	100	100	100
Sesbania tomentosa	Oahu riverhemp	E	15,000	0	0	0
Sicyos alba	anunu	E	0	0	0	1,000
Silene hawaiiensis	Hawaii catchfly	T	0	0	0	0
Spermolepis hawaiiensis	Hawaii scaleseed	E	0	0	0	0
Speyeria zerene myrtleae	Myrtle's silverspot	E	5	0	0	10
Spiraea virginiana	Virginia spirea	T	500	500	500	500
Spiranthes diluvialis	Ute ladies' tresses	T	33,000	108,000	97,000	7,000
Sterna antillarum athalassos	Interior least tern	E	7,500	32,150	28,600	18,500
Sterna dougallii dougallii	Roseate tern	E	2,840	6,335	6,982	7,282
Strix occidentalis caurina	northern spotted owl	T	381,750	291,500	492,047	444,127
Strix occidentalis lucida	mexican spotted owl	T	56,500	75,000	44,000	130,300
Stygobromus hayi	Hay's spring amphipod	E		2,500	13,000	28,000
Swallenia alexandrae	Eureka dunegrass	E	10,000	0	2,500	2,500
Syncaris pacifica	Californian fresh water shrimp	E		2,000		
Thysanocarpus conchuliferus	lacepod	T	500	500	500	500

NPS TE Species Expenditures

NAMES SCIENTIFIC	COMMON	LISTING STATUS*	EXPENDITURES			
			1998	1999	2000	2001
Townsendia aprica	last chance townsend	T	0	0	8,000	8,000
Toxolasma cylindrellus	pale lilliput pearly mussel	E	200	200	300	300
Trichechus manatus	manatee	E	14,100	14,118	30,573	18,273
Trifolium amoenum	showy indian clover	E	0	0	0	0
Ursus americanus luteolus	Louisiana black bear	T	200	200	300	300
Ursus arctos horribilis	grizzly bear	T	978,156	827,543	1,007,639	1,173,055
Villosa perpurpurea	purple bean mussel	E	1,875	1,875	1,875	1,875
Villosa trabalis	Cumberland bean mussel	E	4,542	4,541	4,541	4,541
Vireo atricapillus	black-capped vireo	E	6,800	6,800	15,300	6,000
Vireo bellii pusillus	least bell's vireo	E	1,625	11,968	0	2,104
Xyrauchen texanus	razorback sucker	E	10,500	20,500	11,000	11,000
Xyris tennesseensis	Tennessee yelloweyed grass	E	200	200	300	300
Zanthoxylum hawaiiense	Hawaii pricklyash	E	0	0	0	0
	TOTALS		\$6,054,714	\$5,802,823	\$7,000,199	\$7,733,028



United States Department of the Interior

OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Washington, D.C. 20240



MAY 19 1999

Ms. Jamie Rappaport Clark
Director, Fish and Wildlife Service
Washington, D.C. 20240

Dear Ms. Clark:

Thank you for your letter of March 31, 1999, requesting information on reasonably identifiable expenditures made by the Office of Surface Mining (OSM) during Fiscal Year 1998 for the conservation of endangered or threatened species.

As you are aware, all surface coal mining and reclamation must be carried out in accordance with the Surface Mining Control and Reclamation Act (SMCRA) and also must comply with the requirements of the Endangered Species Act, whether OSM or a State through an OSM-approved program is the regulatory authority. Specifically, mining and reclamation plans must describe "how, to the extent possible using the best technology currently available, the operator will minimize disturbances and adverse impacts on fish and wildlife and related environmental values, including compliance with the Endangered Species Act ... and how enhancement of these resources will be achieved where practicable." SMCRA also provides for the reclamation of abandoned mine lands, and while States and Indian tribes determine how such reclamation will be accomplished, OSM encourages the creation of wildlife habitats and wetlands.

In response to your request, we have reviewed our records and have no data to report based upon our clarification with your staff of the following points:

- Data collection applies only to those species that were listed as either threatened or endangered as of September 30, 1998;
- Data from States was solicited separately and will be reported to the U.S. Fish and Wildlife Service individually and independent of the Federal data submission; and

- Requiring submitting agencies to pro-rate costs when staff are not assigned full-time on a single species (or a discrete project involving a single species) is considered unduly burdensome, and such costs need not be reported, e.g., portion of a mine plan or permitting review associated with a particular listed species.

Should you have any questions concerning this response, please don't hesitate to contact Mary Josie Blanchard, my Assistant Director of Program Support, at 208-4264 or me at 208-4006.

Sincerely,

A handwritten signature in black ink that reads "Kathy Karpan". The signature is written in a cursive, flowing style.

Kathy Karpan
Director



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Office of the Director
Reston, Virginia 20192



In Reply Refer To:
Mail Stop 300
#11375

AES

MEMORANDUM

JUN 03 1999

To: Director, U.S. Fish and Wildlife Service

From: *for* Charles G. Groat *Barbara J. Ryan*
Director, U.S. Geological Survey

Subject: Endangered Species Annual Report to Congress

Thank you for your letter of March 31, 1999, requesting a report for the Fiscal Year (FY) 1998 expenditures of the U.S. Geological Survey (USGS) related to the conservation of endangered and threatened species.

In accordance with the guidance provided with your letter on the scope of activities that should be reported, we have reported funding that was reasonably identifiable for individual species and funding for studies and investigations involving multiple endangered or threatened species for which identifiable, per-species funding was not otherwise accounted. For FY 1998, the USGS has no land acquisition costs to report.

We hope that this information will be useful for your annual report to Congress. If you have questions concerning this matter, please contact Dr. Albert Sherk of the Biological Resources Division on 703-648-4076.

Attachment

U.S. GEOLOGICAL SURVEY
FY 1998 Endangered Species Expenditures

<u>Species</u>	<u>Expenditures (\$)</u>
Bear, grizzly (=brown) (<i>Ursus arctos</i>)	\$ 749,900
Bear, Louisiana black (<i>Ursus americanus luteolus</i>)	94,900
Crane, Mississippi sandhill (<i>Grus canadensis pulla</i>)	13,800
Crane, whooping (<i>Grus americana</i>)	693,100
Darter, Okaloosa (<i>Etheostoma okaloosae</i>)	23,000
Eagle, bald (<i>Haliaeetus leucocephalus</i>)	51,100
Eider, spectacled (<i>Somateria</i> (=Arctonetta, =Lampronetta) <i>fischeri</i>)	103,500
Eider, Steller's (<i>Polysticta stelleri</i>)	103,500
Ferret, black-footed (<i>Mustela nigripes</i>)	283,600
Flycatcher, southwest willow (<i>Empidonax traillii extimus</i>)	68,800
Fox, swift (<i>Vulpes velox hebes</i>)	100,000
Frog, California red-legged (<i>Rana aurora draytonii</i>)	21,800
Lizard, Island night (<i>Xantusia</i> (=Klauberina) <i>reversiana</i>)	5,000
Manatee, West Indian (<i>Trichechus manatus</i>)	526,100
Murrelet, marbled (<i>Brachyramphus marmoratus marmoratus</i>)	81,400
Orchid, western prairie fringed (<i>Platanthera praeclara</i>)	16,900
Otter, southern sea (<i>Enhydra lutris nereis</i>)	389,000
Owl, northern spotted (<i>Strix occidentalis caurina</i>)	898,600
Panther, Florida (<i>Felis concolor coryi</i>)	15,200
Plover, piping (<i>Charadrius melodus</i>)	22,300
Plover, western snowy (<i>Charadrius alexandrinus nivosus</i>)	43,800
Salmon, chinook (<i>Oncorhynchus</i> (=Salmo) <i>tshawytscha</i>)	130,000
Shiner, blue (<i>Cyprinella</i> (=Notropis) <i>caerulea</i>)	40,000
Snake, giant garter (<i>Thamnophis gigas</i>)	200,000
Squirrel, Delmarva Peninsula fox (<i>Sciurus niger cinereus</i>)	109,500
Sturgeon, Gulf (<i>Acipenser oxyrinchus desotoi</i>)	66,000
Thistle, Pitcher's (<i>Cirsium pitcheri</i>)	2,500
Tortoise, desert (<i>Gopherus</i> (=Xerobates, =Scaptochelys) <i>agassizii</i>)	690,000
Turtle, Kemp's (=Atlantic) ridley sea (<i>Lepidochelys kempii</i>)	78,500
Warbler (wood), Kirtland's (<i>Dendroica kirtlandii</i>)	6,100
Wolf, gray (<i>Canis lupus</i>)	219,000
Wolf, red (<i>Canis rufus</i>)	7,600
Reasonably Identifiable Expenditures (Species by Species)	\$5,854,500
Expenditures Not Otherwise Accounted For (Multiple Species)	\$5,357,400
TOTAL Endangered and At Risk Species Expenditures (FY 1998)	\$11,211,900



U.S. Department
of Transportation

**Federal Aviation
Administration**

800 Independence Ave., S.W.
Washington, D.C. 20591

JUN 22 1999

Ms. Jamie Rappaport Clark
Director, Fish and Wildlife Service
U.S. Department of the Interior
Washington, DC 20240

RE: FWS/TE

Dear Ms. Clark:

In response to your request for information necessary to comply with Section 18 of the Endangered Species Act, I have enclosed our report on the Federal Aviation Administration's expenditures for conservation of endangered or threatened species during fiscal year 1998.

If you should have any questions or require additional information, please contact Dr. Ann M. Hooker of the Office of Environment and Energy, at (202) 493-4018.

Sincerely,

A handwritten signature in cursive script that reads "Howard W Nesbitt".

James D. Erickson
Director of Environment and Energy

Enclosure

Fiscal Year 1998, Section 18 Endangered Species Act Cost Report
Federal Aviation Administration

Species name	Consultation and mitigation	Land Acquisition
Desert tortoise (<i>Gopherus agassizii</i>)	\$5,713.70	\$0

1998 Endangered Species Expenditures Template

DOT/FEDERAL HIGHWAY ADMINISTRATION
1998 Endangered Species Expenditures Template

Welcome to the working template for reporting 1998 expenditures for endangered and threatened species. Column D gives scientific names; column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . . plants) as in the List. A running total of expenditures for each column is kept under each heading.

NOTE: AMOUNTS IN THOUSANDS OF \$\$\$

If you have any questions, contact Martha Balis-Larsen or Julia Bumbaca at 703/358-2390.

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
3	A	Bat, gray	<i>Myotis grisescens</i>	E	\$0.00		\$0.00
1	A	Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	E			\$0.00
3	A	Bat, Indiana	<i>Myotis sodalis</i>	E	\$8.00		\$8.00
2	A	Bat, lesser long-nosed	<i>Leptonycteris curasoae yerbabuenae</i>	E			\$0.00
1	A	Bat, little Mariana fruit	<i>Pteropus tokudae</i>	E			\$0.00
1	A	Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	E			\$0.00
2	A	Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	E			\$0.00
2	A	Bat, Ozark big-eared	<i>Plecotus townsendii ingens</i>	E			\$0.00
5	A	Bat, Virginia big-eared	<i>Plecotus townsendii virginianus</i>	E			\$0.00
6	A	Bear, grizzly	<i>Ursus arctos</i>	T	\$12.90		\$12.90
4	A	Bear, Louisiana black	<i>Ursus americanus luteolus</i>	T			\$0.00
1	A	Caribou, woodland	<i>Rangifer tarandus caribou</i>	E			\$0.00
5	A	Cougar, eastern	<i>Felis concolor cougar</i>	E			\$0.00
1	A	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	E			\$0.00
4	A	Deer, key	<i>Odocoileus virginianus clavium</i>	E	\$126.00		\$126.00
6	A	Ferret, black-footed	<i>Mustela nigripes</i>	E			\$0.00
1	A	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	E			\$0.00
2	A	Jaguar	<i>Panthera onca</i>	E			\$0.00
2	A	Jaguarundi	<i>Felis yagouaroundi cacomitli</i>	E			\$0.00
2	A	Jaguarundi	<i>Felis yagouaroundi tolteca</i>	E			\$0.00
1	A	Kangaroo rat, Fresno	<i>Dipodomys nitratoides exilis</i>	E			\$0.00
1	A	Kangaroo rat, giant	<i>Dipodomys ingens</i>	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	A	Kangaroo rat, Morro Bay	Dipodomys heermanni morroensis	E			\$0.00
1	A	Kangaroo rat, San Bernardino Merriam's	Dipodomys merriami parvus	E			\$0.00
1	A	Kangaroo rat, Stephens'	Dipodomys stephensi	E			\$0.00
1	A	Kangaroo rat, Tipton	Dipodomys nitratoides nitratoides	E			\$0.00
4	A	Manatee, West Indian (=Florida)	Trichechus manatus	E	\$7.00		\$7.00
1	A	Mountain beaver, Point Arena	Aplodontia rufa nigra	E			\$0.00
4	A	Mouse, Alabama beach	Peromyscus polionotus ammobates	E			\$0.00
4	A	Mouse, Anastasia Island beach	Peromyscus polionotus phasma	E			\$0.00
4	A	Mouse, Choctawahatchee beach	Peromyscus polionotus allophrys	E			\$0.00
4	A	Mouse, Key Largo cotton	Peromyscus gossypinus allapaticola	E			\$0.00
1	A	Mouse, Pacific pocket	Perognathus longimembris pacificus	E			\$0.00
4	A	Mouse, Perdido Key beach	Peromyscus polionotus trissyllepsis	E			\$0.00
6	A	Mouse, Preble's meadow jumping	Zapus hudsonius preblei	T	\$345.00		\$345.00
1	A	Mouse, salt marsh harvest	Reithrodontomys raviventris	E			\$0.00
4	A	Mouse, southeastern beach	Peromyscus polionotus niveiventris	T			\$0.00
2	A	Ocelot	Felis pardalis	E	\$101.00		\$101.00
1	A	Otter, southern sea	Enhydra lutris nereis	T			\$0.00
4	A	Panther, Florida	Felis concolor coryi	E	\$2,250.00		\$2,250.00
6	A	Prairie dog, Utah	Cynomys parvidens	T			\$0.00
2	A	Pronghorn, Sonoran	Antilocapra americana sonoriensis	E			\$0.00
4	A	Rabbit, Lower Keys	Sylvilagus palustris hefneri	E			\$0.00
4	A	Rice rat (=silver rice rat)	Oryzomys palustris natator	E	\$2.00		\$2.00
N	A	Sea-lion, Steller	Eumetopias jubatus	E, T	\$9.60		\$9.60
N	A	Seal, Caribbean monk		E			\$0.00
N	A	Seal, guadalupe fur	Arctocephalus townsendi	T			\$0.00
N	A	Seal, Hawaiian monk	Monachus schauinslandi	E			\$0.00
1	A	Sheep, bighorn (Peninsular Ranges pop. in	Ovis canadensis cremnobates	E			\$0.00
5	A	Shrew, Dismal Swamp southeastern	Sorex longirostris fisheri	T			\$0.00
4	A	Squirrel, Carolina northern flying	Glaucomys sabrinus coloratus	E			\$0.00
5	A	Squirrel, Delmarva Peninsula fox	Sciurus niger cinereus	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
2	A	Squirrel, Mount Graham red	Tamiasciurus hudsonicus grahamensis	E			\$0.00
5	A	Squirrel, Virginia northern flying	Glaucomys sabrinus fuscus	E			\$0.00
1	A	Vole, Amargosa	Microtus californicus scirpensis	E			\$0.00
4	A	Vole, Florida salt marsh	Microtus pennsylvanicus dukecampbelli	E			\$0.00
2	A	Vole, Hualapai Mexican	Microtus mexicanus hualpaiensis	E			\$0.00
N	A	Whale, blue	Balaenoptera musculus	E			\$0.00
N	A	Whale, bowhead	Balaena mysticetus	E			\$0.00
N	A	Whale, finback	Balaenoptera physalus	E			\$0.00
N	A	Whale, gray	Eschrichtius robustus	E			\$0.00
N	A	Whale, humpback	Megaptera novaeangliae	E	\$5.00		\$5.00
N	A	Whale, right	Balaena glacialis (incl. australis)	E			\$0.00
N	A	Whale, Sei	Balaenoptera borealis	E			\$0.00
N	A	Whale, sperm	Physeter macrocephalus (=catodon)	E			\$0.00
3	A	Wolf, gray	Canis lupus	E, T	\$14.90		\$14.90
4	A	Wolf, red	Canis rufus	E			\$0.00
4	A	Woodrat, Key Largo	Neotoma floridana smalli	E			\$0.00
1	B	'Akepa, Hawaii (honeycreeper)	Loxops coccineus coccineus	E			\$0.00
1	B	'Akepa, Maui (honeycreeper)	Loxops coccineus ochraceus	E			\$0.00
1	B	'Akialoa, Kauai (honeycreeper)	Hemignathus procerus	E			\$0.00
1	B	'Akiapola'au (honeycreeper)	Hemignathus munroi	E			\$0.00
4	B	Blackbird, yellow-shouldered	Agelaius xanthomus	E			\$0.00
2	B	Bobwhite, masked (quail)	Colinus virginianus ridgwayi	E			\$0.00
1	B	Broadbill, Guam	Myiagra freycineti	E			\$0.00
4	B	Caracara, Audubon's crested	Polyborus plancus audubonii	T			\$0.00
1	B	Condor, California	Gymnogyps californianus	E			\$0.00
1	B	Coot, Hawaiian (= 'alae-ke'oke'o)	Fulica americana alai	E			\$0.00
4	B	Crane, Mississippi sandhill	Grus canadensis pulla	E			\$0.00
2	B	Crane, whooping	Grus americana	E			\$0.00
1	B	Creeper, Hawaii	Oreomystis mana	E			\$0.00
1	B	Creeper, Molokai (=kakawahie)	Paroreomyza flammea	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	B	Creeper, Oahu (=alauwahio)	Paroreomyza maculata	E			\$0.00
1	B	Crow, Hawaiian (=alala)	Corvus hawaiiensis	E			\$0.00
1	B	Crow, Mariana	Corvus kubaryi	E			\$0.00
4	B	Crow, white-necked	Corvus leucognaphalus	E			\$0.00
7	B	Curlew, Eskimo	Numenius borealis	E			\$0.00
1	B	Duck, Hawaiian (=koloa)	Anas wyvilliana	E			\$0.00
1	B	Duck, Laysan	Anas laysanensis	E			\$0.00
3	B	Eagle, bald	Haliaeetus leucocephalus	T	\$313.20		\$313.20
7	B	Eider, spectacled	Somateria fischeri	T			\$0.00
7	B	Eider, Steller's	Polysticta stelleri				\$0.00
1	B	Falcon, American peregrine	Falco peregrinus anatum	E	\$228.58		\$228.58
2	B	Falcon, northern aplomado	Falco femoralis septentrionalis	E			\$0.00
1	B	Finch, Laysan (honeycreeper)	Telespyza cantans	E			\$0.00
1	B	Finch, Nihoa (honeycreeper)	Telespyza ultima	E			\$0.00
2	B	Flycatcher, southwestern willow	Empidonax traillii extimus	E	\$28.80		\$28.80
1	B	Gnatcatcher, coastal California	Polioptila californica californica	T			\$0.00
7	B	Goose, Aleutian Canada	Branta canadensis leucopareia	T			\$0.00
1	B	Goose, Hawaiian (=nene)	Nesochen sandvicensis	E			\$0.00
1	B	Hawk, Hawaiian (=io)	Buteo solitarius	E			\$0.00
4	B	Hawk, Puerto Rican broad-winged	Buteo platypterus brunescens	E			\$0.00
4	B	Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	E			\$0.00
1	B	Honeycreeper, crested (=akohekohe)	Palmeria dolei	E			\$0.00
4	B	Jay, Florida scrub	Aphelocoma coerulescens coerulescens	T	\$6.30		\$6.30
1	B	Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	E			\$0.00
4	B	Kite, Everglade snail	Rostrhamus sociabilis plumbeus	E			\$0.00
1	B	Mallard, Mariana	Anas oustaleti	E			\$0.00
1	B	Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	E			\$0.00
1	B	Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	E			\$0.00
1	B	Monarch, Tinian (old world flycatcher)	Monarcha takatsukasae	T			\$0.00
1	B	Moorhen, Hawaiian common	Gallinula chloropus sandvicensis	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	B	Moorhen, Mariana common	<i>Gallinula chloropus guami</i>	E			\$0.00
1	B	Murrelet, marbled	<i>Brachyramphus marmoratus marmoratus</i>	T	\$62.30		\$62.30
4	B	Nightjar, Puerto Rican	<i>Caprimulgus noctitherus</i>	E			\$0.00
1	B	Nukupu`u (honeycreeper)	<i>Hemignathus lucidus</i>	E			\$0.00
1	B	`O`o, Kauai (= `o`o `a`a) (honeyeater)	<i>Moho braccatus</i>	E			\$0.00
1	B	`O`u (honeycreeper)	<i>Psittirostra psittacea</i>	E			\$0.00
2	B	Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	T	\$228.00		\$228.00
1	B	Owl, northern spotted	<i>Strix occidentalis caurina</i>	T	\$79.00		\$79.00
1	B	Palila (honeycreeper)	<i>Loxioides bailleui</i>	E			\$0.00
4	B	Parrot, Puerto Rican	<i>Amazona vittata</i>	E			\$0.00
1	B	Parrotbill, Maui (honeycreeper)	<i>Pseudonestor xanthophrys</i>	E			\$0.00
1	B	Pelican, brown	<i>Pelecanus occidentalis</i>	E			\$0.00
1	B	Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	E			\$0.00
4	B	Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	E			\$0.00
3	B	Plover, piping	<i>Charadrius melodus</i>	E, T			\$0.00
1	B	Plover, western snowy	<i>Charadrius alexandrinus nivosus</i>	T	\$5.00		\$5.00
1	B	Po`ouli (honeycreeper)	<i>Melamprosops phaeosoma</i>	E			\$0.00
2	B	Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	E			\$0.00
2	B	Pygmy-owl, cactus ferruginous	<i>Glaucidium brasilianum cactorum</i>				\$0.00
1	B	Rail, California clapper	<i>Rallus longirostris obsoletus</i>	E			\$0.00
1	B	Rail, Guam	<i>Rallus owstoni</i>	E			\$0.00
1	B	Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	E			\$0.00
2	B	Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	E			\$0.00
1	B	Shearwater, Newell's Townsend's (formerly)	<i>Puffinus auricularis newelli</i>	T			\$0.00
1	B	Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	E			\$0.00
4	B	Sparrow, Cape Sable seaside	<i>Ammodramus maritimus mirabilis</i>	E			\$0.00
4	B	Sparrow, Florida grasshopper	<i>Ammodramus savannarum floridanus</i>	E			\$0.00
1	B	Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	T			\$0.00
1	B	Stilt, Hawaiian (=ae`o)	<i>Himantopus mexicanus knudseni</i>	E			\$0.00
4	B	Stork, wood	<i>Mycteria americana</i>	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	B	Swiftlet, Mariana gray (=vanikoro)	<i>Aerodramus vanikorensis bartschi</i>	E			\$0.00
1	B	Tern, California least	<i>Sterna antillarum browni</i>	E			\$0.00
3	B	Tern, least	<i>Sterna antillarum</i>	E	\$1.10		\$1.10
5	B	Tern, roseate	<i>Sterna dougallii dougallii</i>	E, T			\$0.00
1	B	Thrush, large Kauai	<i>Myadestes myadestinus</i>	E			\$0.00
1	B	Thrush, Molokai (=oloma'o)	<i>Myadestes lanaiensis rutha</i>	E			\$0.00
1	B	Thrush, small Kauai (=puaiohi)	<i>Myadestes palmeri</i>	E			\$0.00
2	B	Towhee, Inyo California (=brown)	<i>Pipilo crissalis eremophilus</i>	T			\$0.00
2	B	Vireo, black-capped	<i>Vireo atricapillus</i>	E	\$89.00		\$89.00
1	B	Vireo, least Bell's	<i>Vireo bellii pusillus</i>	E			\$0.00
4	B	Warbler, Bachman's	<i>Vermivora bachmanii</i>	E			\$0.00
2	B	Warbler, golden-cheeked	<i>Dendroica chrysoparia</i>	E	\$36.00		\$36.00
3	B	Warbler, Kirtland's	<i>Dendroica kirtlandii</i>	E			\$0.00
1	B	Warbler, nightingale reed	<i>Acrocephalus luscini</i>	E			\$0.00
1	B	White-eye, bridled	<i>Zosterops conspicillatus conspicillatus</i>	E			\$0.00
4	B	Woodpecker, ivory-billed	<i>Campephilus principalis</i>	E			\$0.00
4	B	Woodpecker, red-cockaded	<i>Picoides borealis</i>	E	\$33.80		\$33.80
4	C	Anole, Culebra Island giant	<i>Anolis roosevelti</i>	E			\$0.00
4	C	Boa, Mona	<i>Epicrates monensis monensis</i>	T			\$0.00
4	C	Boa, Puerto Rican	<i>Epicrates inornatus</i>	E			\$0.00
4	C	Boa, Virgin Islands tree	<i>Epicrates monensis granti</i>	E			\$0.00
4	C	Crocodile, American	<i>Crocodylus acutus</i>	E			\$0.00
4	C	Gecko, Monito	<i>Sphaerodactylus micropithecus</i>	E			\$0.00
4	C	Iguana, Mona ground	<i>Cyclura stejnegeri</i>	T			\$0.00
1	C	Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	E			\$0.00
1	C	Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	T			\$0.00
1	C	Lizard, Island night	<i>Xantusia riversiana</i>	T			\$0.00
4	C	Lizard, St. Croix ground	<i>Ameiva polops</i>	E			\$0.00
2	C	Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	T			\$0.00
4	C	Skink, bluetail mole	<i>Eumeces egregius lividus</i>	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
4	C	Skink, sand	Neoseps reynoldsi	T			\$0.00
4	C	Snake, Atlantic salt marsh	Nerodia clarkii taeniata	T			\$0.00
2	C	Snake, Concho water	Nerodia paucimaculata	T	\$0.40		\$0.40
3	C	Snake, copperbelly water (northern pop.)	Nerodia erythrogaster neglecta				\$0.00
4	C	Snake, eastern indigo	Drymarchon corais couperi	T	\$2.00		\$2.00
1	C	Snake, giant garter	Thamnophis gigas	T			\$0.00
1	C	Snake, San Francisco garter	Thamnophis sirtalis tetrataenia	E			\$0.00
1	C	Tortoise, desert	Gopherus agassizii	T	\$287.00		\$287.00
4	C	Tortoise, gopher	Gopherus polyphemus	T	\$100.00		\$100.00
4	C	Turtle, Alabama redbelly (=red-bellied)	Pseudemys alabamensis	E	\$2.00		\$2.00
5	C	Turtle, bog (=Muhlenberg)	Clemmys muhlenbergii	T			\$0.00
4	C	Turtle, flattened musk	Sternotherus depressus	T			\$0.00
2	C	Turtle, green sea	Chelonia mydas	E, T	\$16.30		\$16.30
2	C	Turtle, hawksbill sea (=carey)	Eretmochelys imbricata	E			\$0.00
2	C	Turtle, Kemp's ridley sea	Lepidochelys kempii	E			\$0.00
2	C	Turtle, leatherback sea	Dermochelys coriacea	E			\$0.00
2	C	Turtle, loggerhead sea	Caretta caretta	T			\$0.00
2	C	Turtle, olive ridley sea	Lepidochelys olivacea	E, T			\$0.00
5	C	Turtle, Plymouth redbelly (=red-bellied)	Pseudemys rubriventris bangsi	E			\$0.00
4	C	Turtle, ringed map (=sawback)	Graptemys oculifera	T			\$0.00
4	C	Turtle, yellow-blotched map (=sawback)	Graptemys flavimaculata	T			\$0.00
1	C	Whipsnake, (=striped racer) Alameda	Masticophis lateralis euryxanthus	T			\$0.00
4	D	Coqui, golden	Eleutherodactylus jasperii	T			\$0.00
1	D	Frog, California red-legged	Rana aurora draytonii	T			\$0.00
4	D	Guajon	Eleutherodactylus cookii				\$0.00
2	D	Salamander, Barton Springs	Eurycea sosorum				\$0.00
5	D	Salamander, Cheat Mountain	Plethodon nettingi	T			\$0.00
1	D	Salamander, desert slender	Batrachoseps aridus	E			\$0.00
4	D	Salamander, Red Hills	Phaeognathus hubrichti	T			\$0.00
2	D	Salamander, San Marcos	Eurycea nana	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	D	Salamander, Santa Cruz long-toed	Ambystoma macrodactylum croceum	E			\$0.00
5	D	Salamander, Shenandoah	Plethodon shenandoah	E			\$0.00
2	D	Salamander, Sonoran tiger	Ambystoma tigrinum stebbinsi				\$0.00
2	D	Salamander, Texas blind	Typhlomolge rathbuni	E			\$0.00
1	D	Toad, Arroyo southwestern	Bufo microscaphus californicus	E			\$0.00
2	D	Toad, Houston	Bufo houstonensis	E	\$7.00		\$7.00
4	D	Toad, Puerto Rican crested	Peltophryne lemur	T			\$0.00
6	D	Toad, Wyoming	Bufo hemiophrys baxteri	E			\$0.00
2	E	Catfish, Yaqui	Ictalurus pricei	T			\$0.00
4	E	Cavefish, Alabama	Speoplatyrhinus poulsoni	E			\$0.00
4	E	Cavefish, Ozark	Amblyopsis rosae	T			\$0.00
6	E	Chub, bonytail	Gila elegans	E			\$0.00
1	E	Chub, Borax Lake	Gila boraxobius	E			\$0.00
2	E	Chub, Chihuahua	Gila nigrescens	T			\$0.00
6	E	Chub, humpback	Gila cypha	E			\$0.00
1	E	Chub, Hutton tui	Gila bicolor ssp.	T			\$0.00
1	E	Chub, Mohave tui	Gila bicolor mohavensis	E			\$0.00
1	E	Chub, Oregon	Oregonichthys crameri	E	\$10.00		\$10.00
1	E	Chub, Owens tui	Gila bicolor snyderi	E			\$0.00
1	E	Chub, Pahrnagat roundtail (=bonytail)	Gila robusta jordani	E			\$0.00
4	E	Chub, slender	Erimystax cahni	T			\$0.00
2	E	Chub, Sonora	Gila ditaenia	T			\$0.00
4	E	Chub, spotfin (=turquoise shiner)	Cyprinella monacha	T			\$0.00
6	E	Chub, Virgin River	Gila robusta semidnuda	E			\$0.00
2	E	Chub, Yaqui	Gila purpurea	E			\$0.00
1	E	Cui-ui	Chasmistes cujus	E			\$0.00
1	E	Dace, Ash Meadows speckled	Rhinichthys osculus nevadensis	E			\$0.00
4	E	Dace, blackside	Phoxinus cumberlandensis	T			\$0.00
1	E	Dace, Clover Valley speckled	Rhinichthys osculus oligoporus	E			\$0.00
1	E	Dace, desert	Eremichthys acros	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	E	Dace, Foskett speckled	Rhinichthys osculus ssp.	T			\$0.00
1	E	Dace, Independence Valley speckled	Rhinichthys osculus lethoporus	E			\$0.00
6	E	Dace, Kendall Warm Springs	Rhinichthys osculus thermalis	E			\$0.00
1	E	Dace, Moapa	Moapa coriacea	E			\$0.00
4	E	Darter, amber	Percina antesella	E			\$0.00
4	E	Darter, bayou	Etheostoma rubrum	T			\$0.00
4	E	Darter, bluemask (=jewel)	Etheostoma (Doration) sp.	E			\$0.00
4	E	Darter, boulder (=Elk River)	Etheostoma wapiti	E			\$0.00
4	E	Darter, Cherokee	Etheostoma (Ulocentra) sp.	T	\$250.00		\$250.00
4	E	Darter, duskytail	Etheostoma (Catonotus) sp.	E			\$0.00
4	E	Darter, Etowah	Etheostoma etowahae	E	\$31.00		\$31.00
2	E	Darter, fountain	Etheostoma fonticola	E	\$6.50		\$6.50
4	E	Darter, goldline	Percina aurolineata	T			\$0.00
2	E	Darter, leopard	Percina pantherina	T			\$0.00
5	E	Darter, Maryland	Etheostoma sellare	E			\$0.00
3	E	Darter, Niangua	Etheostoma nianguae	T			\$0.00
4	E	Darter, Okaloosa	Etheostoma okaloosae	E			\$0.00
4	E	Darter, relict	Etheostoma chienense	E			\$0.00
4	E	Darter, slackwater	Etheostoma boschungii	T			\$0.00
4	E	Darter, snail	Percina tanasi	T			\$0.00
4	E	Darter, watercress	Etheostoma nuchale	E			\$0.00
2	E	Gambusia, Big Bend	Gambusia gaigei	E			\$0.00
2	E	Gambusia, Clear Creek	Gambusia heterochir	E			\$0.00
2	E	Gambusia, Pecos	Gambusia nobilis	E	\$1.50		\$1.50
2	E	Gambusia, San Marcos	Gambusia georgei	E	\$6.50		\$6.50
1	E	Goby, tidewater	Eucyclogobius newberryi	E			\$0.00
4	E	Logperch, Conasauga	Percina jenkinsi	E			\$0.00
5	E	Logperch, Roanoke	Percina rex	E			\$0.00
6	E	Madtom, Neosho	Noturus placidus	T			\$0.00
4	E	Madtom, pygmy	Noturus stanauli	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
3	E	Madtom, Scioto	Noturus trautmani	E			\$0.00
4	E	Madtom, Smoky	Noturus baileyi	E			\$0.00
4	E	Madtom, yellowfin	Noturus flavipinnis	T			\$0.00
2	E	Minnow, loach	Rhinichthys cobitis	T			\$0.00
2	E	Minnow, Rio Grande silvery	Hybognathus amarus	E			\$0.00
1	E	Poolfish, Pahrump	Empetrichthys latos	E			\$0.00
1	E	Pupfish, Ash Meadows Amargosa	Cyprinodon nevadensis mionectes	E			\$0.00
2	E	Pupfish, Comanche Springs	Cyprinodon elegans	E	\$1.50		\$1.50
2	E	Pupfish, desert	Cyprinodon macularius	E			\$0.00
1	E	Pupfish, Devils Hole	Cyprinodon diabolis	E			\$0.00
2	E	Pupfish, Leon Springs	Cyprinodon bovinus	E			\$0.00
1	E	Pupfish, Owens	Cyprinodon radiosus	E			\$0.00
1	E	Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	E			\$0.00
N	E	Salmon, chinook, Sacramento R. winter ru	Oncorhynchus tshawytscha	T	\$0.20		\$0.20
N	E	Salmon, chinook, Snake R. fall run	Oncorhynchus tshawytscha	T	\$0.20		\$0.20
N	E	Salmon, chinook, Snake R. spring/summer	Oncorhynchus tshawytscha	T			\$0.00
N	E	Salmon, coho	Oncorhynchus (=Salmo) kisutch	T	\$1,155.00	\$20.00	\$1,175.00
N	E	Salmon, sockeye (=red, =blueback), Snake	Oncorhynchus nerka	E	\$0.20		\$0.20
4	E	Sculpin, pygmy	Cottus pygmaeus	T			\$0.00
2	E	Shiner, beautiful	Cyprinella formosa	T			\$0.00
4	E	Shiner, blue	Cyprinella caerulea	T			\$0.00
4	E	Shiner, Cahaba	Notropis cahabae	E			\$0.00
4	E	Shiner, Cape Fear	Notropis mekistocholes	E			\$0.00
4	E	Shiner, Palezone	Notropis sp.	E			\$0.00
2	E	Shiner, Pecos bluntnose	Notropis simus pecosensis	T			\$0.00
4	E	Silverside, Waccamaw	Menidia extensa	T			\$0.00
1	E	Smelt, delta	Hypomesus transpacificus	T			\$0.00
2	E	Spikedace	Meda fulgida	T			\$0.00
1	E	Spinedace, Big Spring	Lepidomeda mollispinis pratensis	T			\$0.00
2	E	Spinedace, Little Colorado	Lepidomeda vittata	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	E	Spinedace, White River	Lepidomeda albivallis	E			\$0.00
1	E	Springfish, Hiko White River	Crenichthys baileyi grandis	E			\$0.00
1	E	Springfish, Railroad Valley	Crenichthys nevadae	T			\$0.00
1	E	Springfish, White River	Crenichthys baileyi baileyi	E			\$0.00
6	E	Squawfish, Colorado	Ptychocheilus lucius	E			\$0.00
N	E	Steelhead (central CA coast)	Oncorhynchus (=Salmo) mykiss gilberti	T			\$0.00
N	E	Steelhead (Central Valley CA)	Oncorhynchus (=Salmo) mykiss gilberti	T			\$0.00
N	E	Steelhead (lower Columbia R.)	Oncorhynchus (=Salmo) mykiss gilberti	T	\$175.40		\$175.40
N	E	Steelhead (Snake R. Basin)	Oncorhynchus (=Salmo) mykiss gilberti	T	\$0.20		\$0.20
N	E	Steelhead (south central CA coast)	Oncorhynchus (=Salmo) mykiss gilberti	T			\$0.00
N	E	Steelhead (southern CA coast)	Oncorhynchus (=Salmo) mykiss gilberti	E			\$0.00
N	E	Steelhead (upper Columbia R. Basin)	Oncorhynchus (=Salmo) mykiss gilberti	E	\$91.00		\$91.00
1	E	Stickleback, unarmored threespine	Gasterosteus aculeatus williamsoni	E			\$0.00
4	E	Sturgeon, Gulf	Acipenser oxyrinchus desotoi	T			\$0.00
6	E	Sturgeon, pallid	Scaphirhynchus albus	E			\$0.00
N	E	Sturgeon, shortnose	Acipenser brevirostrum	E	\$3.00		\$3.00
1	E	Sturgeon, white (Kootenai River pop.)	Acipenser transmontanus	E			\$0.00
6	E	Sucker, June	Chasmistes liorus	E			\$0.00
1	E	Sucker, Lost River	Deltistes luxatus	E	\$10.00		\$10.00
1	E	Sucker, Modoc	Catostomus microps	E			\$0.00
6	E	Sucker, razorback	Xyrauchen texanus	E	\$5.00		\$5.00
1	E	Sucker, shortnose	Chasmistes brevirostris	E	\$10.00		\$10.00
1	E	Sucker, Warner	Catostomus warnerensis	T			\$0.00
2	E	Topminnow, Gila (incl. Yaqui)	Poeciliopsis occidentalis	E	\$4.00		\$4.00
2	E	Trout, Apache (=Arizona)	Oncorhynchus apache	T			\$0.00
1	E	Trout, bull (Columbia R. pop.)	Salvelinus confluentus	T	\$63.00		\$63.00
1	E	Trout, bull (Jarbridge R. pop.)	Salvelinus confluentus	E			\$0.00
1	E	Trout, bull (Klamath R. pop.)	Salvelinus confluentus	T	\$5.00		\$5.00
2	E	Trout, Gila	Oncorhynchus gilae	E			\$0.00
6	E	Trout, greenback cutthroat	Oncorhynchus clarki stomias	T			\$0.00

1998 Endangered Species Expenditures Template

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					General	Lands	Grand Total
1	E	Trout, Lahontan cutthroat	Oncorhynchus clarki henshawi	T			\$0.00
1	E	Trout, Little Kern golden	Oncorhynchus aguabonita whitei	T			\$0.00
1	E	Trout, Paiute cutthroat	Oncorhynchus clarki seleniris	T			\$0.00
N	E	Trout, Umpqua River cutthroat	Oncorhynchus clarki clarki	E	\$50.00		\$50.00
6	E	Woundfin	Plagopterus argentissimus	E			\$0.00
4	F	Acornshell, southern	Epioblasma othcaloogensis	E			\$0.00
4	F	Bankclimber (mussel), purple	Elliptoideus sloatianus	T			\$0.00
4	F	Bean, purple (=Fine-rayed purple pearly m	Villosa perpurpurea				\$0.00
5	F	Clubshell	Pleurobema clava	E			\$0.00
4	F	Clubshell, black (=Curtus' mussel)	Pleurobema curtum	E			\$0.00
4	F	Clubshell, ovate	Pleurobema perovatum	E	\$17.86		\$17.86
4	F	Clubshell, southern	Pleurobema decisum	E	\$17.86		\$17.86
4	F	Combshell, Cumberlandian	Epioblasma brevidens				\$0.00
4	F	Combshell, southern (=penitent mussel)	Epioblasma penita	E	\$17.86		\$17.86
4	F	Combshell, upland	Epioblasma metastrata	E			\$0.00
4	F	Elktoe, Appalachian	Alasmidonta raveneliana	E			\$0.00
4	F	Elktoe, Cumberland	Alasmidonta atropurpurea				\$0.00
4	F	Fanshell	Cyrogenia stegaria	E			\$0.00
4	F	Fatmucket, Arkansas	Lampsilis powelli	T			\$0.00
4	F	Heelsplitter, Carolina	Lasmigona decorata	E			\$0.00
4	F	Heelsplitter, inflated	Potamilus inflatus	T			\$0.00
4	F	Kidneyshell, triangular	Ptychobranhus greeni	E	\$17.86		\$17.86
4	F	Lampmussel, Alabama (=Pearly mussel, Al	Lampsilis virescens	E	\$17.86		\$17.86
4	F	Moccasinshell, Alabama	Medionidus acutissimus	T	\$17.86		\$17.86
4	F	Moccasinshell, Coosa	Medionidus parvulus	E			\$0.00
4	F	Moccasinshell, Gulf	Medionidus penicillatus	E			\$0.00
4	F	Moccasinshell, Ochlockonee	Medionidus simpsonianus	E			\$0.00
4	F	Mucket, orange-nacre	Lampsilis perovalis	T	\$17.86		\$17.86
5	F	Mussel, dwarf wedge	Alasmidonta heterodon	E	\$1.00		\$1.00
4	F	Mussel, oyster	Epioblasma capsaeformis				\$0.00

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4	F		Mussel, ring pink (=golf stick pearly)	Obovaria retusa	E			\$0.00
3	F		Mussel, winged mapleleaf	Quadrula fragosa	E			\$0.00
4	F		Pearlshell, Louisiana	Margaritifera hembeli	T			\$0.00
4	F		Pearlymussel, Appalachian monkeyface	Quadrula sparsa	E			\$0.00
4	F		Pearlymussel, birdwing	Conradilla caelata	E			\$0.00
4	F		Pearlymussel, cracking	Hemistena lata	E			\$0.00
4	F		Pearlymussel, Cumberland bean	Villosa trabalis	E			\$0.00
4	F		Pearlymussel, Cumberland monkeyface	Quadrula intermedia	E			\$0.00
3	F		Pearlymussel, Curtis'	Epioblasma florentina curtisi	E			\$0.00
4	F		Pearlymussel, dromedary	Dromus dromas	E			\$0.00
4	F		Pearlymussel, green-blossom	Epioblasma torulosa gubernaculum	E			\$0.00
3	F		Pearlymussel, Higgins' eye	Lampsilis higginsii	E			\$0.00
4	F		Pearlymussel, little-wing	Pegias fabula	E			\$0.00
4	F		Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	E			\$0.00
4	F		Pearlymussel, pale lilliput	Toxolasma cylindrellus	E			\$0.00
4	F		Pearlymussel, pink mucket	Lampsilis abrupta	E			\$0.00
4	F		Pearlymussel, purple cat's paw	Epioblasma obliquata obliquata	E			\$0.00
4	F		Pearlymussel, tubercled-blossom	Epioblasma torulosa torulosa	E			\$0.00
4	F		Pearlymussel, turgid-blossom	Epioblasma turgidula	E			\$0.00
3	F		Pearlymussel, white cat's paw	Epioblasma obliquata perobliqua	E			\$0.00
4	F		Pearlymussel, white wartyback	Plethobasus cicatricosus	E			\$0.00
4	F		Pearlymussel, yellow-blossom	Epioblasma florentina florentina	E			\$0.00
4	F		Pigtoe (mussel), oval	Pleurobema pyriforme	E	\$10.20		\$10.20
4	F		Pigtoe, Cumberland (=Cumberland pigtoe)	Pleurobema gibberum	E			\$0.00
4	F		Pigtoe, dark	Pleurobema furvum	E			\$0.00
4	F		Pigtoe, fine-rayed	Fusconaia cuneolus	E			\$0.00
4	F		Pigtoe, flat (=Marshall's mussel)	Pleurobema marshalli	E			\$0.00
4	F		Pigtoe, heavy (=Judge Tait's mussel)	Pleurobema taitianum	E			\$0.00
4	F		Pigtoe, rough	Pleurobema plenum	E			\$0.00
4	F		Pigtoe, shiny	Fusconaia cor	E			\$0.00

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					General	Lands	Grand Total
4	F	Pigtoe, southern	<i>Pleurobema georgianum</i>	E			\$0.00
4	F	Pocketbook (mussel), shinyrayed	<i>Lampsilis subangulata</i>	E			\$0.00
4	F	Pocketbook, fat	<i>Potamilus capax</i>	E			\$0.00
4	F	Pocketbook, fine-lined	<i>Lampsilis altilis</i>	T			\$0.00
4	F	Pocketbook, speckled	<i>Lampsilis streckeri</i>	E			\$0.00
4	F	Rabbitsfoot, rough	<i>Quadrula cylindrica strigillata</i>				\$0.00
5	F	Riffleshell, northern	<i>Epioblasma torulosa rangiana</i>	E			\$0.00
4	F	Riffleshell, tan	<i>Epioblasma walkeri</i>	E			\$0.00
2	F	Rock-pocketbook, Ouachita (=Wheeler's p	<i>Arkansia wheeleri</i>	E			\$0.00
4	F	Slabshell, Chipola	<i>Elliptio chipolaensis</i>	T			\$0.00
5	F	Spiny mussel, James River (=Virginia)	<i>Pleurobema collina</i>	E			\$0.00
4	F	Spiny mussel, Tar River	<i>Elliptio steinstansana</i>	E			\$0.00
4	F	Stirrupshell	<i>Quadrula stapes</i>	E			\$0.00
4	F	Three-ridge (mussel), fat	<i>Amblema neislerii</i>	E			\$0.00
6	G	Ambersnail, Kanab	<i>Oxyloma haydeni kanabensis</i>	E			\$0.00
1	G	Limpet, Banbury Springs	<i>Lanx</i> sp.	E			\$0.00
4	G	Marstonia (snail), royal (=obese)	<i>Pyrgulopsis ogmoraphe</i>	E			\$0.00
4	G	Riversnail, Anthony's	<i>Athearnia anthonyi</i>	E			\$0.00
4	G	Shagreen, Magazine Mountain	<i>Mesodon magazinensis</i>	T			\$0.00
1	G	Snail, Bliss Rapids	<i>Taylorconcha serpenticola</i>	T			\$0.00
5	G	Snail, Chittenango ovate amber	<i>Succinea chittenangoensis</i>	T			\$0.00
5	G	Snail, flat-spired three-toothed	<i>Triodopsis platysayoides</i>	T			\$0.00
3	G	Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	E			\$0.00
1	G	Snail, Morro shoulderband (=Banded dune)	<i>Helminthoglypta walkeriana</i>	E			\$0.00
4	G	Snail, noonday	<i>Mesodon clarki nantahala</i>	T			\$0.00
4	G	Snail, painted snake coiled forest	<i>Anguispira picta</i>	T			\$0.00
1	G	Snail, Snake River physa	<i>Physa natricina</i>	E			\$0.00
4	G	Snail, Stock Island tree	<i>Orthalicus reses</i>	T			\$0.00
4	G	Snail, tulotoma (=Alabama live-bearing)	<i>Tulotoma magnifica</i>	E			\$0.00
1	G	Snail, Utah valvata	<i>Valvata utahensis</i>	E			\$0.00

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5	G	Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	E			\$0.00
1	G	Snails, Oahu tree	<i>Achatinella</i> ^ spp. (all species)	E			\$0.00
2	G	Spring snail, Alamosa	<i>Tryonia alamosae</i>	E			\$0.00
1	G	Spring snail, Bruneau Hot	<i>Pyrgulopsis bruneauensis</i>	E			\$0.00
1	G	Spring snail, Idaho	<i>Fontelicella idahoensis</i>	E			\$0.00
2	G	Spring snail, Socorro	<i>Pyrgulopsis neomexicana</i>	E			\$0.00
2	I	Beetle, Comal Springs riffle	<i>Heterelmis comalensis</i>	E			\$0.00
2	I	Beetle, Comal Springs dryopid	<i>Stygoparnus comalensis</i>	E			\$0.00
1	I	Butterfly, Behren's silverspot	<i>Speyeria zerene behrensii</i>	E			\$0.00
1	I	Butterfly, callippe silverspot	<i>Speyeria callippe callippe</i>	E			\$0.00
5	I	Beetle, American burying (=giant carrion)	<i>Nicrophorus americanus</i>	E	\$9.00		\$9.00
2	I	Beetle, Coffin Cave mold	<i>Batrisodes texanus</i>	E			\$0.00
1	I	Beetle, delta green ground	<i>Elaphrus viridis</i>	T			\$0.00
3	I	Beetle, Hungerford's crawling water	<i>Brychius hungerfordi</i>	E			\$0.00
2	I	Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	E			\$0.00
1	I	Beetle, Mount Hermon June	<i>Polyphylla barbata</i>				\$0.00
5	I	Beetle, northeastern beach tiger	<i>Cicindela dorsalis dorsalis</i>	T			\$0.00
5	I	Beetle, Puritan tiger	<i>Cicindela puritana</i>	T			\$0.00
2	I	Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	E			\$0.00
1	I	Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	T			\$0.00
1	I	Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	T			\$0.00
1	I	Butterfly, El Segundo blue	<i>Euphilotes battoides allyni</i>	E			\$0.00
3	I	Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	E			\$0.00
1	I	Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	E			\$0.00
1	I	Butterfly, lotis blue	<i>Lycaeides argyrognomon lotis</i>	E			\$0.00
1	I	Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	E			\$0.00
3	I	Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	E	\$197.00	\$80.00	\$277.00
1	I	Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtleae</i>	E			\$0.00
1	I	Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	T	\$20.00		\$20.00
1	I	Butterfly, Palos Verdes blue	<i>Glaucopsyche lygdamus palosverdesensis</i>	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	I	Butterfly, Quino checkerspot	Euphydryas editha quino (=E. e. wrighti)				\$0.00
4	I	Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	E			\$0.00
1	I	Butterfly, San Bruno elfin	Callophrys mossii bayensis	E			\$0.00
4	I	Butterfly, Schaus swallowtail	Heraclides aristodemus ponceanus	E			\$0.00
1	I	Butterfly, Smith's blue	Euphilotes enoptes smithi	E			\$0.00
6	I	Butterfly, Uncompahgre fritillary	Boloria acrocneuma	E			\$0.00
3	I	Dragonfly, Hine's (=Ohio) emerald	Somatochlora hineana	E			\$0.00
1	I	Fly, Delhi Sands flower-loving	Rhaphiomidas terminatus abdominalis	E			\$0.00
1	I	Grasshopper, Zayante band-winged	Trimerotropis infantilis				\$0.00
1	I	Moth, Kern primrose sphinx	Euproserpinus euterpe	T			\$0.00
1	I	Naucorid, Ash Meadows	Ambrysus amargosus	T			\$0.00
1	I	Skipper, Laguna Mountains	Pyrgus ruralis lagunae				\$0.00
6	I	Skipper, Pawnee montane	Hesperia leonardus montana	T			\$0.00
2	J	Harvestman, Bee Creek Cave	Texella reddelli	E			\$0.00
2	J	Harvestman, Bone Cave	Texella reyesi	E			\$0.00
2	J	Pseudoscorpion, Tooth Cave	Microcreagris texana	E			\$0.00
4	J	Spider, spruce-fir moss	Microhexura montivaga	E			\$0.00
2	J	Spider, Tooth Cave	Leptoneta myopica	E			\$0.00
5	K	Amphipod, Hay's Spring	Stygobromus hayi	E			\$0.00
3	K	Amphipod, Illinois cave	Gammarus acherondytes	E			\$0.00
2	K	Amphipod, Peck's cave	Stygobromus pecki (=Stygonectes p.)	E			\$0.00
4	K	Crayfish, cave [no common name]	Cambarus aculabrum	E			\$0.00
4	K	Crayfish, cave [no common name]	Cambarus zophonastes	E			\$0.00
4	K	Crayfish, Nashville	Orconectes shoupi	E			\$0.00
1	K	Crayfish, Shasta (=placid)	Pacifastacus fortis	E			\$0.00
1	K	Fairy shrimp, Conservancy	Branchinecta conservatio	E			\$0.00
1	K	Fairy shrimp, longhorn	Branchinecta longiantenna	E			\$0.00
1	K	Fairy shrimp, riverside	Streptocephalus woottoni	E			\$0.00
1	K	Fairy shrimp, San Diego	Branchinecta sandiegoensis				\$0.00
1	K	Fairy shrimp, vernal pool	Branchinecta lynchi	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
5	K	Isopod, Lee County cave	Lirceus usdagalun	E			\$0.00
5	K	Isopod, Madison Cave	Antrolana lira	T			\$0.00
2	K	Isopod, Socorro	Thermosphaeroma thermophilus	E			\$0.00
4	K	Shrimp, Alabama cave	Palaemonias alabamae	E			\$0.00
1	K	Shrimp, California freshwater	Syncaris pacifica	E			\$0.00
4	K	Shrimp, Kentucky cave	Palaemonias ganteri	E			\$0.00
4	K	Shrimp, Squirrel Chimney Cave (=Florida c	Palaemonetes cummingi	T			\$0.00
1	K	Tadpole shrimp, vernal pool	Lepidurus packardi	E			\$0.00
1	Q	Abutilon eremitopetalum (=Sci name)	Abutilon eremitopetalum	E			\$0.00
1	Q	Abutilon sandwicense (=Sci name)	Abutilon sandwicense	E			\$0.00
1	Q	Achyranthes mutica (=Sci. name)	Achyranthes mutica				\$0.00
1	Q	A`e	Zanthoxylum dipetalum var. tomentosum				\$0.00
1	Q	A`e	Zanthoxylum hawaiiense	E			\$0.00
2	Q	Agave, Arizona	Agave arizonica	E			\$0.00
1	Q	`Aiakeakua, popolo	Solanum sandwicense	E			\$0.00
1	Q	`Aiea	Nothocestrum peltatum	E			\$0.00
1	Q	`Aiea	Nothocestrum breviflorum	E			\$0.00
1	Q	`Akoko	Chamaesyce herbstii				\$0.00
1	Q	`Akoko	Euphorbia haeleleana				\$0.00
1	Q	`Akoko	Chamaesyce celastroides var. kaenana	E			\$0.00
1	Q	`Akoko	Chamaesyce deppeana	E			\$0.00
1	Q	`Akoko	Chamaesyce kuwaleana	E			\$0.00
1	Q	`Akoko	Chamaesyce rockii				\$0.00
1	Q	`Akoko, Ewa Plains	Chamaesyce skottsbergii var. kalaeloana	E			\$0.00
1	Q	Alani	Melicope haupuensis	E			\$0.00
1	Q	Alani	Melicope adscendens	E			\$0.00
1	Q	Alani	Melicope lydgatei	E			\$0.00
1	Q	Alani	Melicope pallida	E			\$0.00
1	Q	Alani	Melicope ovalis	E			\$0.00
1	Q	Alani	Melicope knudsenii	E			\$0.00

1998 Endangered Species Expenditures Template

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					General	Lands	Grand Total
1	Q	Alani	Melicope balloui	E			\$0.00
1	Q	Alani	Melicope mucronulata	E			\$0.00
1	Q	Alani	Melicope reflexa	E			\$0.00
1	Q	Alani	Melicope quadrangularis	E			\$0.00
1	Q	Alani	Melicope zahlbruckneri				\$0.00
1	Q	Alani	Melicope saint-johnii				\$0.00
1	Q	Allocarya, Calistoga	Plagiobothrys strictus	E			\$0.00
1	Q	Alopecurus, Sonoma	Alopecurus aequalis var. sonomensis	E			\$0.00
1	Q	Alsinidendron obovatum (=Sci name)	Alsinidendron obovatum	E			\$0.00
1	Q	Alsinidendron trinerve (=Sci name)	Alsinidendron trinerve	E			\$0.00
1	Q	Alsinodendron viscosum (=Sci. name)	Alsinidendron viscosum				\$0.00
1	Q	Amaranthus brownii (=Sci. name)	Amaranthus brownii	E			\$0.00
4	Q	Amaranth, seabeach	Amaranthus pumilus	T			\$0.00
2	Q	Ambrosia, south Texas	Ambrosia cheiranthifolia	E			\$0.00
4	Q	Amphianthus, little	Amphianthus pusillus	T			\$0.00
1	Q	`Anaunau	Lepidium arbuscula				\$0.00
1	Q	`Anunu	Sicyos alba				\$0.00
4	Q	Aristida chaseae (=Sci name)	Aristida chaseae	E			\$0.00
4	Q	Arrowhead, bunched	Sagittaria fasciculata	E			\$0.00
3	Q	Aster, decurrent false	Boltonia decurrens	T			\$0.00
4	Q	Aster, Florida golden	Chrysopsis floridana	E			\$0.00
4	Q	Aster, Ruth's golden	Pityopsis ruthii	E			\$0.00
4	Q	Auerodendron pauciflorum (=Sci name)	Auerodendron pauciflorum	E			\$0.00
1	Q	Aupaka	Isodendron hosakae	E			\$0.00
1	Q	Aupaka	Isodendron laurifolium				\$0.00
1	Q	Aupaka	Isodendron longifolium				\$0.00
4	Q	Avens, spreading	Geum radiatum	E			\$0.00
1	Q	`Awikiwiki	Canavalia molokaiensis	E			\$0.00
1	Q	`Awiwi	Hedyotis cookiana	E			\$0.00
1	Q	`Awiwi	Centaurium sebaeoides	E			\$0.00

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					General	Lands	Grand Total
2	Q	Ayenia, Texas	<i>Ayenia limitaris</i>	E			\$0.00
1	Q	Baccharis, Encinitis	<i>Baccharis vanessae</i>				\$0.00
1	Q	Barberry, island	<i>Berberis pinnata</i> ssp. <i>insularis</i>				\$0.00
1	Q	Barberry, Truckee	<i>Berberis sonnei</i>	E			\$0.00
4	Q	Bariaco	<i>Trichilia triacantha</i>	E			\$0.00
5	Q	Beaked-rush, Knieskern's	<i>Rhynchospora knieskernii</i>	T			\$0.00
6	Q	Beardtongue, Penland	<i>Penstemon penlandii</i>	E			\$0.00
4	Q	Beargrass, Britton's	<i>Nolina brittoniana</i>	E			\$0.00
6	Q	Bear-poppy, dwarf	<i>Arctomecon humilis</i>	E			\$0.00
4	Q	Beauty, Harper's	<i>Harperocallis flava</i>	E			\$0.00
1	Q	Bedstraw, El Dorado	<i>Galium californicum</i> ssp. <i>sierrae</i>				\$0.00
1	Q	Bedstraw, island	<i>Galium buxifolium</i>				\$0.00
4	Q	Bellflower, Brooksville	<i>Campanula robinsiae</i>	E			\$0.00
1	Q	Bidens, cuneate	<i>Bidens cuneata</i>	E			\$0.00
5	Q	Birch, Virginia round-leaf	<i>Betula uber</i>	T			\$0.00
1	Q	Bird's beak, palmate-bracted	<i>Cordylanthus palmatus</i>	E			\$0.00
1	Q	Bird's-beak, Pennell's	<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>	E			\$0.00
1	Q	Bird's-beak, salt marsh	<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	E			\$0.00
1	Q	Bird's-beak, soft	<i>Cordylanthus mollis</i> ssp. <i>mollis</i>	E			\$0.00
4	Q	Birds-in-a-nest, white	<i>Macbridea alba</i>	T			\$0.00
4	Q	Bittercress, small-anthered	<i>Cardamine micranthera</i>	E			\$0.00
6	Q	Bladderpod, Dudley Bluffs	<i>Lesquerella congesta</i>	T			\$0.00
6	Q	Bladderpod, kodachrome	<i>Lesquerella tumulosa</i>	E			\$0.00
4	Q	Bladderpod, lyrate	<i>Lesquerella lyrata</i>	T			\$0.00
3	Q	Bladderpod, Missouri	<i>Lesquerella filiformis</i>	E			\$0.00
1	Q	Bladderpod, San Bernardino Mountains	<i>Lesquerella kingii</i> ssp. <i>bernardina</i>	E			\$0.00
4	Q	Bladderpod, Spring Creek	<i>Lesquerella perforata</i>				\$0.00
2	Q	Bladderpod, white	<i>Lesquerella pallida</i>	E	\$0.30		\$0.30
1	Q	Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	T			\$0.00
4	Q	Blazingstar, Heller's	<i>Liatris helleri</i>	T			\$0.00

1998 Endangered Species Expenditures Template

Lead				AMOUNTS IN THOUSANDS OF \$\$\$			
Reg.	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total
4	Q	Blazingstar, scrub	<i>Liatris ohlingerae</i>	E			\$0.00
1	Q	Bluecurls, Hidden Lake	<i>Trichostema austromontanum</i> ssp. <i>compactum</i>	T			\$0.00
1	Q	Bluegrass, Hawaiian	<i>Poa sandvicensis</i>	E			\$0.00
1	Q	Bluegrass, Mann's	<i>Poa mannii</i>	E			\$0.00
1	Q	Bluegrass, Napa	<i>Poa napensis</i>	E			\$0.00
1	Q	Bluegrass, San Bernardino	<i>Poa atropurpurea</i>	E			\$0.00
2	Q	Blue-star, Kearney's	<i>Amsonia kearneyana</i>	E			\$0.00
4	Q	Bluet, Roan Mountain	<i>Hedyotis purpurea</i> var. <i>montana</i>	E			\$0.00
1	Q	Bonamia menziesii (=Sci name)	<i>Bonamia menziesii</i>	E			\$0.00
4	Q	Bonamia, Florida	<i>Bonamia grandiflora</i>	T			\$0.00
4	Q	Boxwood, Vahl's	<i>Buxus vahlii</i>	E			\$0.00
1	Q	Brodiaea, Chinese Camp	<i>Brodiaea pallida</i>	T			\$0.00
1	Q	Broom, San Clemente Island	<i>Lotus dendroideus</i> ssp. <i>traskiae</i>	E			\$0.00
1	Q	Buckwheat, cushenbury	<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	E			\$0.00
4	Q	Buckwheat, scrub	<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>	T			\$0.00
1	Q	Buckwheat, steamboat	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	E			\$0.00
5	Q	Bulrush, Northeastern (=barbed bristle)	<i>Scirpus ancistrochaetus</i>	E			\$0.00
3	Q	Bush-clover, prairie	<i>Lespedeza leptostachya</i>	T			\$0.00
1	Q	Bush-mallow, San Clemente Island	<i>Malacothamnus clementinus</i>	E			\$0.00
1	Q	Bush-mallow, Santa Cruz Island	<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	E			\$0.00
6	Q	Buttercup, autumn	<i>Ranunculus acriformis</i> var. <i>aestivalis</i>	E			\$0.00
1	Q	Butterweed, Layne's	<i>Senecio layneae</i>				\$0.00
4	Q	Butterwort, Godfrey's	<i>Pinguicula ionantha</i>	T			\$0.00
1	Q	Button-celery, San Diego	<i>Eryngium aristulatum</i> var. <i>parishii</i>	E			\$0.00
4	Q	Button, Mohr's Barbara	<i>Marshallia mohrii</i>	T			\$0.00
2	Q	Cactus, Arizona hedgehog	<i>Echinocereus triglochidiatus</i> var. <i>arizonicus</i>	E	\$6.70		\$6.70
1	Q	Cactus, Bakersfield	<i>Opuntia teleasei</i>	E			\$0.00
2	Q	Cactus, black lace	<i>Echinocereus reichenbachii</i> var. <i>albertii</i>	E			\$0.00
2	Q	Cactus, Brady pincushion	<i>Pediocactus bradyi</i>	E			\$0.00
2	Q	Cactus, bunched cory	<i>Coryphantha ramillosa</i>	T			\$0.00

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2	Q	Cactus, Chisos Mtn. hedgehog	Echinocereus chisoensis var. chisoensis	T			\$0.00
2	Q	Cactus, Cochise pincushion	Coryphantha robbinsorum	T			\$0.00
4	Q	Cactus, Key tree	Pilosocereus robinii	E			\$0.00
2	Q	Cactus, Knowlton	Pediocactus knowltonii	E			\$0.00
2	Q	Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	E			\$0.00
2	Q	Cactus, Lee pincushion	Coryphantha sneedii var. leei	T			\$0.00
2	Q	Cactus, Lloyd's hedgehog	Echinocereus lloydii	E			\$0.00
2	Q	Cactus, Lloyd's Mariposa	Echinomastus mariposensis	T			\$0.00
2	Q	Cactus, Mesa Verde	Sclerocactus mesae-verdae	T			\$0.00
2	Q	Cactus, Nellie cory	Escobaria minima	E			\$0.00
2	Q	Cactus, Nichol's Turk's head	Echinocactus horizonthalonius var. nicholii	E			\$0.00
2	Q	Cactus, Peebles Navajo	Pediocactus peeblesianus var. peeblesian	E			\$0.00
2	Q	Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	E	\$2.20		\$2.20
6	Q	Cactus, San Rafael	Pediocactus despainii	E			\$0.00
2	Q	Cactus, Siler pincushion	Pediocactus sileri	T			\$0.00
2	Q	Cactus, Sneed pincushion	Coryphantha sneedii var. sneedii	E			\$0.00
2	Q	Cactus, star	Astrophytum asterias	E			\$0.00
2	Q	Cactus, Tobusch fishhook	Ancistrocactus tobuschii	E	\$3.50		\$3.50
6	Q	Cactus, Unita Basin hookless	Sclerocactus glaucus	T			\$0.00
6	Q	Cactus, Winkler	Pediocactus winkleri	T			\$0.00
6	Q	Cactus, Wright fishhook	Sclerocactus wrightiae	E			\$0.00
4	Q	Calypttranthes thomasiana (=Sci name)	Calypttranthes thomasiana	E			\$0.00
4	Q	Campion, fringed	Silene polypetala	E			\$0.00
4	Q	Capa rosa	Callicarpa ampla	E			\$0.00
2	Q	Cat's-eye, Terlingua Creek	Cryptantha crassipes	E			\$0.00
1	Q	Ceanothus, coyote (=California-lilac, Coyot	Ceanothus ferrisae	E			\$0.00
1	Q	Ceanothus, Pine Hill	Ceanothus roderickii				\$0.00
1	Q	Centaury, spring-loving	Centaurium namophilum	T			\$0.00
1	Q	Chaff-flower, round-leaved	Achyranthes splendens var. rotundata	E			\$0.00
4	Q	Chaffseed, American	Schwalbea americana	E			\$0.00

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					General	Lands	Grand Total
4	Q	Chamaecrista glandulosa var. mirabilis (=S	Chamaecrista glandulosa var. mirabilis	E			\$0.00
1	Q	Chamaesyce halemanui (=Sci name)	Chamaesyce halemanui	E			\$0.00
1	Q	Checker-mallow, Kenwood Marsh	Sidalcea oregana ssp. valida	E			\$0.00
1	Q	Checker-mallow, Nelson's	Sidalcea nelsoniana	T	\$115.00		\$115.00
1	Q	Checker-mallow, pedate	Sidalcea pedata	E			\$0.00
4	Q	Chumbo, higo	Harrisia portoricensis	T			\$0.00
4	Q	Chupacallos (=Chupagallo)	Pleodendron macranthum	E			\$0.00
5	Q	Cinquefoil, Robbins'	Potentilla robbinsiana	E			\$0.00
1	Q	Clarkia, Pismo	Clarkia speciosa ssp. immaculata	E			\$0.00
1	Q	Clarkia, Presidio	Clarkia franciscana	E			\$0.00
1	Q	Clarkia, Springville	Clarkia springvillensis	T			\$0.00
1	Q	Clarkia, Vine Hill	Clarkia imbricata	E			\$0.00
2	Q	Cliff-rose, Arizona	Purshia subintegra	E			\$0.00
1	Q	Clover, Monterey (=Del Monte)	Trifolium trichocalyx	E			\$0.00
3	Q	Clover, running buffalo	Trifolium stoloniferum	E			\$0.00
1	Q	Clover, showy Indian	Trifolium amoenum	E			\$0.00
4	Q	Coneflower, smooth	Echinacea laevigata	E			\$0.00
4	Q	Coneflower, Tennessee purple	Echinacea tennesseensis	E			\$0.00
4	Q	Cordia bellonis	Cordia bellonis				\$0.00
4	Q	Cranichis ricartii (=Sci name)	Cranichis ricartii	E			\$0.00
6	Q	Cress, toad-flax	Schoenocrambe suffrutescens	E			\$0.00
1	Q	Crownbeard, big-leaved	Verbesina dissita				\$0.00
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci na	Cyanea macrostegia ssp. gibsonii	E			\$0.00
1	Q	Cyanea superba (=Sci name)	Cyanea superba	E			\$0.00
1	Q	Cyanea undulata (=Sci name)	Cyanea undulata	E			\$0.00
2	Q	Cycladenia, Jones	Cycladenia humilis var. jonesii	T			\$0.00
3	Q	Daisy, lakeside	Hymenoxys herbacea (=acaulis var. glabr	T			\$0.00
6	Q	Daisy, Maguire	Erigeron maguirei var. maguirei	E			\$0.00
1	Q	Daisy, Parish's	Erigeron parishii	T			\$0.00
4	Q	Daphnopsis hellerana (=Sci name)	Daphnopsis hellerana	E			\$0.00

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	2	Q	Dawn-flower, Texas prairie	Hymenoxys texana	E			\$0.00
	1	Q	Delissea rhytidosperra (=Sci name)	Delissea rhytidosperra	E			\$0.00
	1	Q	Delissea undulata (=Sci name)	Delissea undulata				\$0.00
	2	Q	Dogweed, ashy	Thymophylla tephroleuca	E	\$0.30		\$0.30
	4	Q	Dropwort, Canby's	Oxyopolis canbyi	E			\$0.00
	1	Q	Dubautia latifolia (=Sci name)	Dubautia latifolia	E			\$0.00
	1	Q	Dubautia pauciflorula (=Sci name)	Dubautia pauciflorula	E			\$0.00
	1	Q	Dudleya, Conejo	Dudleya abramsii ssp. parva				\$0.00
	1	Q	Dudleya, Marcescent	Dudleya cymosa ssp. marcescens				\$0.00
	1	Q	Dudleya, Santa Clara Valley	Dudleya setchellii	E			\$0.00
	1	Q	Dudleya, Santa Cruz Island	Dudleya nesiotica				\$0.00
	1	Q	Dudleya, Verity's	Dudleya verityi				\$0.00
	1	Q	Dudleyea, Santa Monica Mountains	Dudleya cymosa ssp. ovatifolia				\$0.00
	1	Q	Dwarf-flax, Marin	Hesperolinon congestum	T			\$0.00
	4	Q	Erubia	Solanum drymophilum	E			\$0.00
	4	Q	Eugenia woodburyana (=Sci name)	Eugenia woodburyana	E			\$0.00
	1	Q	Evening-primrose, Antioch Dunes	Oenothera deltoides ssp. howellii	E			\$0.00
	1	Q	Evening-primrose, Eureka Valley	Oenothera avita ssp. eurekaensis	E			\$0.00
	1	Q	Evening-primrose, San Benito	Camissonia benitensis	T			\$0.00
	1	Q	Fiddleneck, Large-flowered	Amsinckia grandiflora	E			\$0.00
	1	Q	Flannelbush, Pine Hill	Fremontodendron californicum ssp. decum				\$0.00
	2	Q	Fleabane, Rhizome	Erigeron rhizomatus	T			\$0.00
	1	Q	Four-o'clock, MacFarlane's	Mirabilis macfarlanei	E			\$0.00
	2	Q	Frankenia, Johnston's	Frankenia johnstonii	E			\$0.00
	1	Q	Fringepod (=lacepod), Santa Cruz Island	Thysanocarpus conchuliferus				\$0.00
	1	Q	Gahnia lanaiensis (=Sci name)	Gahnia lanaiensis	E			\$0.00
	1	Q	Gardenia, Hawaiian (na'u)	Gardenia brighamii	E			\$0.00
	4	Q	Geocarpon minimum (=Sci name)	Geocarpon minimum	T			\$0.00
	1	Q	Geranium, Hawaiian red-flowered	Geranium arboreum	E			\$0.00
	5	Q	Gerardia, sandplain	Agalinis acuta	E			\$0.00

1998 Endangered Species Expenditures Template

Lead	Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
						General	Lands	Grand Total
4	Q		Gesneria pauciflora (=Sci name)	Gesneria pauciflora	T			\$0.00
1	Q		Gilia, Hoffmann's slender-flowered	Gilia tenuiflora ssp. hoffmannii				\$0.00
1	Q		Gilia, Monterey	Gilia tenuiflora ssp. arenaria	E			\$0.00
4	Q		Goetzea, beautiful (matabuey)	Goetzea elegans	E			\$0.00
4	Q		Goldenrod, Blue Ridge	Solidago spithamaea	T			\$0.00
3	Q		Goldenrod, Houghton's	Solidago houghtonii	T	\$0.70		\$0.70
4	Q		Goldenrod, Short's	Solidago shortii	E			\$0.00
4	Q		Goldenrod, white-haired	Solidago albopilosa	T			\$0.00
1	Q		Goldfields, Burke's	Lasthenia burkei	E			\$0.00
1	Q		Goldfields, Contra Costa	Lasthenia conjugens				\$0.00
4	Q		Gooseberry, Miccosukee (Florida)	Ribes echinellum	T			\$0.00
1	Q		Gouania hillebrandii (=Sci name)	Gouania hillebrandii	E			\$0.00
1	Q		Gouania meyenii (=Sci name)	Gouania meyenii	E			\$0.00
1	Q		Gouania vitifolia (=Sci name)	Gouania vitifolia	E			\$0.00
4	Q		Gourd, Okeechobee	Cucurbita okeechobeensis ssp. okeechobe	E			\$0.00
1	Q		Grass, California Orcutt	Orcuttia californica	E			\$0.00
1	Q		Grass, Colusa	Neostapfia colusana				\$0.00
1	Q		Grass, Eureka Dune	Swallenia alexandrae	E			\$0.00
1	Q		Grass, Solano	Tuctoria mucronata	E			\$0.00
4	Q		Grass, Tennessee yellow-eyed	Xyris tennesseensis	E			\$0.00
4	Q		Ground-plum, Guthrie's	Astragalus bibullatus	E			\$0.00
2	Q		Groundsel, San Francisco Peaks	Senecio franciscanus	T			\$0.00
1	Q		Gumplant, Ash Meadows	Grindelia fraxino-pratensis	T			\$0.00
1	Q		Haha	Cyanea grimesiana ssp. grimesiana				\$0.00
1	Q		Haha	Cyanea hamatiflora ssp. carlsonii	E			\$0.00
1	Q		Haha	Cyanea stictophylla	E			\$0.00
1	Q		Haha	Cyanea truncata	E			\$0.00
1	Q		Haha	Cyanea mceldowneyi	E			\$0.00
1	Q		Haha	Cyanea grimesiana spp. obatae	E			\$0.00
1	Q		Haha	Cyanea koolauensis				\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	Q	Haha	Cyanea lobata	E			\$0.00
1	Q	Haha	Cyanea remyi				\$0.00
1	Q	Haha	Cyanea mannii	E			\$0.00
1	Q	Haha	Cyanea recta				\$0.00
1	Q	Haha	Cyanea procera	E			\$0.00
1	Q	Haha	Cyanea platyphylla				\$0.00
1	Q	Haha	Cyanea pinnatifida	E			\$0.00
1	Q	Haha	Cyanea dunbarii				\$0.00
1	Q	Haha	Cyanea longiflora				\$0.00
1	Q	Haha	Cyanea (=Rollandia) st-johnii				\$0.00
1	Q	Haha	Cyanea asarifolia	E			\$0.00
1	Q	Haha	Cyanea copelandii ssp. copelandii	E			\$0.00
1	Q	Haha	Cyanea acuminata				\$0.00
1	Q	Haha	Cyanea (=Rollandia) humboldtiana				\$0.00
1	Q	Haha	Cyanea shipmannii	E			\$0.00
1	Q	Ha`iwale	Cyrtandra munroi	E			\$0.00
1	Q	Ha`iwale	Cyrtandra tintinnabula	E			\$0.00
1	Q	Ha`iwale	Cyrtandra viridiflora				\$0.00
1	Q	Ha`iwale	Cyrtandra giffardii	E			\$0.00
1	Q	Ha`iwale	Cyrtandra subumbellata				\$0.00
1	Q	Ha`iwale	Cyrtandra crenata	E			\$0.00
1	Q	Ha`iwale	Cyrtandra dentata				\$0.00
1	Q	Ha`iwale	Cyrtandra limahuliensis	T			\$0.00
1	Q	Ha`iwale	Cyrtandra polyantha	E			\$0.00
1	Q	Hala pepe	Pleomele hawaiiensis				\$0.00
1	Q	Haplostachys haplostachya (=Sci name)	Haplostachys haplostachya	E			\$0.00
4	Q	Harebells, Avon Park	Crotalaria avonensis	E			\$0.00
5	Q	Harperella	Ptilimnium nodosum	E			\$0.00
1	Q	Hau kuahiwi	Hibiscadelphus giffardianus				\$0.00
1	Q	Hau kuahiwi	Hibiscadelphus woodii				\$0.00

1998 Endangered Species Expenditures Template

Lead	Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
						General	Lands	Grand Total
1	Q		Hau kuahiwi, Hualalai	Hibiscadelphus hualalaiensis				\$0.00
4	Q		Heartleaf, dwarf-flowered	Hexastylis naniflora	T			\$0.00
4	Q		Heather, mountain golden	Hudsonia montana	T			\$0.00
1	Q		Heau	Exocarpos luteolus	E			\$0.00
1	Q		Hedyotis degeneri (=Sci name)	Hedyotis degeneri	E			\$0.00
1	Q		Hedyotis parvula (=Sci name)	Hedyotis parvula	E			\$0.00
1	Q		Hedyotis, Na Pali beach	Hedyotis st.-johnii	E			\$0.00
1	Q		Hesperomannia arborescens (=Sci name)	Hesperomannia arborescens	E			\$0.00
1	Q		Hesperomannia arbuscula (=Sci name)	Hesperomannia arbuscula	E			\$0.00
1	Q		Hesperomannia lydgatei (=Sci name)	Hesperomannia lydgatei	E			\$0.00
1	Q		Hibiscus, Clay's	Hibiscus clayi	E			\$0.00
4	Q		Higuero de Sierra	Crescentia portoricensis	E			\$0.00
1	Q		Holei	Ochrosia kilaueaensis	E			\$0.00
4	Q		Holly, Cook's	Ilex cookii	E			\$0.00
6	Q		Howellia, water	Howellia aquatilis	T	\$21.00		\$21.00
4	Q		Hypericum, highlands scrub	Hypericum cumulicola	E			\$0.00
4	Q		Ilex sintenisii (=Sci name)	Ilex sintenisii	E			\$0.00
1	Q		Iliau, dwarf	Wilkesia hobdyi	E			\$0.00
1	Q		Indian paintbrush, San Clemente Island	Castilleja grisea	E	\$0.90		\$0.90
2	Q		Ipomopsis, Holy Ghost	Ipomopsis sancti-spiritus	E			\$0.00
4	Q		Irisette, white	Sisyrinchium dichotomum	E			\$0.00
3	Q		Iris, dwarf lake	Iris lacustris	T	\$1.40		\$1.40
1	Q		Ischaemum, Hilo	Ischaemum byrone	E			\$0.00
1	Q		Ivesia, Ash Meadows	Ivesia kingii var. eremica	T			\$0.00
4	Q		Jacquemontia, beach	Jacquemontia reclinata	E			\$0.00
1	Q		Jewelflower, California	Caulanthus californicus	E			\$0.00
1	Q		Jewelflower, Metcalf Canyon	Streptanthus albidus ssp. albidus	E			\$0.00
1	Q		Jewelflower, Tiburon	Streptanthus niger	E			\$0.00
5	Q		Joint-vetch, sensitive	Aeschynomene virginica	T			\$0.00
1	Q		Kamakahala	Labordia cyrtandrae				\$0.00

1998 Endangered Species Expenditures Template

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					General	Lands	Grand Total
1	Q	Kamakahala	Labordia tinifolia var. wahiawaensis				\$0.00
1	Q	Kamakahala	Labordia lydgatei	E			\$0.00
1	Q	Kauai hau kuahiwi	Hibiscadelphus distans	E			\$0.00
1	Q	Kauila	Colubrina oppositifolia	E			\$0.00
1	Q	Kaulu	Pteralyxia kauaiensis	E			\$0.00
1	Q	Kio'ele	Hedyotis coriacea	E			\$0.00
1	Q	Kiponapona	Phyllostegia racemosa				\$0.00
1	Q	Koki'o (=hau-hele'ula or Hawaii tree cotton)	Kokia drynarioides	E			\$0.00
1	Q	Koki'oke'oke'o	Hibiscus waimeae ssp. hannerae				\$0.00
1	Q	Koki'oke'oke'o	Hibiscus arnottianus ssp. immaculatus	E			\$0.00
1	Q	Koki'o, Cooke's	Kokia cookei	E			\$0.00
1	Q	Koki'o, Kaua'i	Kokia kauaiensis				\$0.00
1	Q	Kolea	Myrsine juddii				\$0.00
1	Q	Kolea	Myrsine linearifolia				\$0.00
1	Q	Ko'oko'olau	Bidens wiebkei	E			\$0.00
1	Q	Ko'oko'olau	Bidens micrantha ssp. kalealaha	E			\$0.00
1	Q	Ko'oloa'ula	Abutilon menziesii	E			\$0.00
1	Q	Kuahiwi, laukahi	Plantago princeps	E			\$0.00
1	Q	Kuahiwi, laukahi	Plantago hawaiiensis	E			\$0.00
1	Q	Kuawawaenuhu	Alsinidendron lychnoides				\$0.00
1	Q	Kula, wahine noho	Isodendron pyriform	E			\$0.00
1	Q	Kulu'i	Nototrichium humile	E			\$0.00
2	Q	Ladies'-tresses, Canelo Hills (=Madrean)	Spiranthes delitescens				\$0.00
2	Q	Ladies'-tresses, Navasota	Spiranthes parksii	E	\$5.00		\$5.00
6	Q	Ladies'-tresses, Ute	Spiranthes diluvialis	T			\$0.00
1	Q	Lagu, Hyan	Serianthes nelsonii	E			\$0.00
1	Q	Larkspur, San Clemente Island	Delphinium variegatum ssp. kinkiense	E			\$0.00
1	Q	Lau 'ehu	Panicum niihauense				\$0.00
1	Q	Laulihilihi (=Ma'oli'oli)	Schiedea stellarioides				\$0.00
1	Q	Layia, beach	Layia carnosa	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
4	Q	Lead-plant, Crenulate	<i>Amorpha crenulata</i>	E			\$0.00
4	Q	Leather flower, Alabama	<i>Clematis socialis</i>	E			\$0.00
4	Q	Leather flower, Morefield's	<i>Clematis morefieldii</i>	E			\$0.00
4	Q	<i>Lepanthes eltoroensis</i> (=Sci name)	<i>Lepanthes eltoroensis</i>	E			\$0.00
4	Q	<i>Leptocereus grantianus</i> (=Sci name)	<i>Leptocereus grantianus</i>	E			\$0.00
1	Q	Lessingia, San Francisco	<i>Lessingia germanorum</i> (=L. g. var. german				\$0.00
1	Q	Liliwai	<i>Acaena exigua</i>	E			\$0.00
3	Q	Lily, Minnesota trout	<i>Erythronium propullans</i>	E			\$0.00
1	Q	Lily, Pitkin Marsh	<i>Lilium pardalinum</i> ssp. <i>pitkinense</i>	E			\$0.00
1	Q	Lily, Western	<i>Lilium occidentale</i>	E			\$0.00
1	Q	<i>Lipochaeta venosa</i> (=Sci name)	<i>Lipochaeta venosa</i>	E			\$0.00
1	Q	Liveforever, Santa Barbara Island	<i>Dudleya traskiae</i>	E			\$0.00
1	Q	<i>Lobelia gaudichaudii</i> ssp. <i>koolauensis</i> , (=	<i>Lobelia gaudichaudii</i> var. <i>koolauensis</i>	E			\$0.00
1	Q	<i>Lobelia monostachya</i> (=Sci. name)	<i>Lobelia monostachya</i>				\$0.00
1	Q	<i>Lobelia niihauensis</i> (=Sci name)	<i>Lobelia niihauensis</i>	E			\$0.00
1	Q	<i>Lobelia oahuensis</i> (=Sci name)	<i>Lobelia oahuensis</i>	E			\$0.00
3	Q	Locoweed, Fassett's	<i>Oxytropis campestris</i> var. <i>chartacea</i>	T			\$0.00
1	Q	Lomatium, Bradshaw's	<i>Lomatium bradshawii</i>	E			\$0.00
4	Q	Loosestrife, rough-leaved	<i>Lysimachia asperulaefolia</i>	E			\$0.00
1	Q	Loulu	<i>Pritchardia munroi</i>	E			\$0.00
1	Q	Loulu	<i>Pritchardia viscosa</i>				\$0.00
1	Q	Loulu	<i>Pritchardia napaliensis</i>				\$0.00
1	Q	Loulu	<i>Pritchardia kaalae</i>				\$0.00
1	Q	Loulu	<i>Pritchardia schattaueri</i>				\$0.00
1	Q	Loulu	<i>Pritchardia affinis</i>	E			\$0.00
5	Q	Lousewort, Furbish	<i>Pedicularis furbishiae</i>	E			\$0.00
1	Q	Love grass, Fosberg's	<i>Eragrostis fosbergii</i>				\$0.00
1	Q	Lupine, clover	<i>Lupinus tidestromii</i>	E			\$0.00
4	Q	Lupine, scrub	<i>Lupinus aridorum</i>	E			\$0.00
4	Q	<i>Lyonia truncata</i> var. <i>proctorii</i> (=Sci name)	<i>Lyonia truncata</i> var. <i>proctorii</i>	E			\$0.00

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					General	Lands	Grand Total
1	Q	Lysimachia filifolia (=Sci name)	Lysimachia filifolia	E			\$0.00
1	Q	Lysimachia lydgatei (=Sci name)	Lysimachia lydgatei	E			\$0.00
1	Q	Lysimachia maxima (=ternifolia) (=Sci. na	Lysimachia maxima (=tenrnifolia)	E			\$0.00
1	Q	Ma'aloa, Big Island	Neraudia ovata				\$0.00
1	Q	Mahoe	Alectryon macrococcus	E			\$0.00
1	Q	Makou	Peucedanum sandwicense	T			\$0.00
1	Q	Malacothrix, island	Malacothrix squalida				\$0.00
1	Q	Mallow, Kern	Eremalche kernensis	E			\$0.00
5	Q	Mallow, Peter's Mountain	Iliamna corei	E			\$0.00
1	Q	Malacothrix, Santa Cruz Island	Malacothrix indecora				\$0.00
4	Q	Manaca, palma de	Calyptrionoma rivalis	T			\$0.00
2	Q	Manioc, Walker's	Manihot walkerae	E			\$0.00
1	Q	Manzanita, Del Mar (=Costa Baja, =Eastwo	Arctostaphylos glandulosa ssp. crassifolia	E			\$0.00
1	Q	Manzanita, Morro	Arctostaphylos morroensis	T			\$0.00
1	Q	Manzanita, pallid	Arctostaphylos pallida	T			\$0.00
1	Q	Manzanita, Presido (=Raven's)	Arctostaphylos hookeri var. ravenii	E			\$0.00
1	Q	Manzanita, Santa Rosa Island	Arctostaphylos confertiflora				\$0.00
1	Q	Ma' ohau hele (=biscus, native yellow)	Hibiscus brackenridgei	E			\$0.00
1	Q	Ma'oli'oli	Schiedea apokremnos	E			\$0.00
1	Q	Ma'oli'oli	Schiedea kealiae				\$0.00
1	Q	Mapele	Cyrtandra cyaneoides				\$0.00
1	Q	Mariposa lily, Tiburon	Calochortus tiburonensis	T			\$0.00
1	Q	Mariscus fauriei (=Sci name)	Mariscus fauriei	E			\$0.00
1	Q	Mariscus pennatiformis (=Sci name)	Mariscus pennatiformis	E			\$0.00
1	Q	Meadowfoam, Butte County	Limnanthes floccosa ssp. californica	E			\$0.00
1	Q	Meadowfoam, Sebastopol	Limnanthes vinculans	E			\$0.00
4	Q	Meadowrue, Cooley's	Thalictrum cooleyi	E			\$0.00
1	Q	Mehamehame	Flueggea neowawraea	E			\$0.00
1	Q	Mesa-mint, Otay	Pogogyne nudiuscula	E			\$0.00
1	Q	Mesa-mint, San Diego	Pogogyne abramsii	E			\$0.00

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					General	Lands	Grand Total
4	Q	Milkpea, Small's	Galactia smallii	E			\$0.00
1	Q	Milk-vetch, Applegate's	Astragalus applegatei	E			\$0.00
1	Q	Milk-vetch, Ash meadows	Astragalus phoenix	T			\$0.00
1	Q	Milk-vetch, Braunton's	Astragalus brauntonii				\$0.00
1	Q	Milk-vetch, Clara Hunt's	Astragalus clarianus	E			\$0.00
1	Q	Milk-vetch, coastal dunes	Astragalus tener var. titi	E			\$0.00
1	Q	Milk-vetch, Cushenbury	Astragalus albens	E			\$0.00
6	Q	Milk-vetch, heliotrope	Astragalus montii	T			\$0.00
5	Q	Milk-vetch, Jesup's	Astragalus robbinsii var. jesupi	E			\$0.00
2	Q	Milk-vetch, Mancos	Astragalus humillimus	E			\$0.00
6	Q	Milk-vetch, Osterhout	Astragalus osterhoutii	E			\$0.00
2	Q	Milk-vetch, Sentry	Astragalus cremnophylax var. cremnophyla	E			\$0.00
3	Q	Milkweed, Mead's	Asclepias meadii	T			\$0.00
6	Q	Milkweed, Welsh's	Asclepias welshii	T			\$0.00
4	Q	Mint, Garrett's (=scrub, in part)	Dicerandra christmanii	E			\$0.00
4	Q	Mint, Lakela's	Dicerandra immaculata	E			\$0.00
4	Q	Mint, longspurred	Dicerandra cornutissima	E			\$0.00
4	Q	Mint, scrub	Dicerandra frutescens	E			\$0.00
4	Q	Mitracarpus maxwelliae (=Sci name)	Mitracarpus maxwelliae	E			\$0.00
4	Q	Mitracarpus polycladus (=Sci name)	Mitracarpus polycladus	E			\$0.00
3	Q	Monkey-flower, Michigan	Mimulus glabratus var. michiganensis	E			\$0.00
3	Q	Monkshood, northern wild	Aconitum noveboracense	T			\$0.00
1	Q	Morning-glory, Stebbins'	Calystegia stebbinsii				\$0.00
1	Q	Mountain balm, Indian Knob	Eriodictyon altissimum	E			\$0.00
1	Q	Mountain-mahogany, Catalina Island	Cercocarpus traskiae				\$0.00
1	Q	Munroidendron racemosum (=Sci name)	Munroidendron racemosum	E			\$0.00
4	Q	Mustard, Carter's	Warea carteri	E			\$0.00
6	Q	Mustard, Penland alpine fen	Eutrema penlandii	T			\$0.00
1	Q	Mustard, slender-petaled	Thelypodium stenopetalum	E			\$0.00
4	Q	Myrcia paganii (=Sci name)	Myrcia paganii	E			\$0.00

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1	Q		Na`ena`e	Dubautia herbstobatae	E			\$0.00
1	Q		Nani wai`ale`ale	Viola kauaiensis var. wahiawaensis				\$0.00
1	Q		Nanu	Gardenia mannii				\$0.00
1	Q		Naupaka, dwarf	Scaevola coriacea	E			\$0.00
1	Q		Navarretia, few-flowered	Navarretia leucocephala ssp. pauciflora				\$0.00
1	Q		Navarretia, many-flowered	Navarretia leucocephala ssp. plieantha				\$0.00
4	Q		Negra, cobana	Stahlia monosperma	T			\$0.00
1	Q		Nehe	Lipochaeta tenuifolia	E			\$0.00
1	Q		Nehe	Lipochaeta lobata var. leptophylla	E			\$0.00
1	Q		Nehe	Lipochaeta micrantha	E			\$0.00
1	Q		Nehe	Lipochaeta waimeaensis	E			\$0.00
1	Q		Nehe	Lipochaeta kamolensis	E			\$0.00
1	Q		Nehe	Lipochaeta fauriei	E			\$0.00
1	Q		Neraudia angulata (=Sci name)	Neraudia angulata	E			\$0.00
1	Q		Neraudia sericea (=Sci name)	Neraudia sericea	E			\$0.00
1	Q		Nioi	Eugenia koolauensis	E			\$0.00
1	Q		Niterwort, Amargosa	Nitrophila mohavensis	E			\$0.00
1	Q		Nohoanu	Geranium multiflorum	E			\$0.00
2	Q		Oak, Hinckley	Quercus hinckleyi	T			\$0.00
1	Q		`Oha	Delissea subcordata				\$0.00
1	Q		`Oha	Delissea rivularis				\$0.00
1	Q		`Oha wai	Clermontia pyrularia	E			\$0.00
1	Q		`Oha wai	Clermontia drepanomorpha				\$0.00
1	Q		`Oha wai	Clermontia lindseyana	E			\$0.00
1	Q		`Oha wai	Clermontia oblongifolia ssp. mauiensis	E			\$0.00
1	Q		`Oha wai	Clermontia oblongifolia ssp. brevipes	E			\$0.00
1	Q		`Oha wai	Clermontia peleana	E			\$0.00
1	Q		`Ohai	Sesbania tomentosa	E			\$0.00
1	Q		`Ohe `ohe	Tetraplasandra gymnocarpa	E			\$0.00
1	Q		`Olulu	Brighamia insignis	E			\$0.00

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Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	Q	Opuhe	Urera kaalae	E			\$0.00
3	Q	Orchid, eastern prairie fringed	Platanthera leucophaea	T			\$0.00
3	Q	Orchid, western prairie fringed	Platanthera praeclara	T			\$0.00
1	Q	Orcutt grass, Greene's	Tuctoria greenei				\$0.00
1	Q	Orcutt grass, hairy (=pilose)	Orcuttia pilosa				\$0.00
1	Q	Orcutt grass, Sacramento	Orcuttia viscida				\$0.00
1	Q	Orcutt grass, San Joaquin	Orcuttia inaequalis				\$0.00
1	Q	Orcutt grass, slender	Orcuttia tenuis				\$0.00
1	Q	Owl's-clover, fleshy	Castilleja campestris ssp. succulenta				\$0.00
1	Q	Oxytheca, cushenbury	Oxytheca parishii var. goodmaniana	E			\$0.00
1	Q	Paintbrush, ash-grey	Castilleja cinerea	T			\$0.00
1	Q	Paintbrush, golden	Castilleja levisecta				\$0.00
1	Q	Paintbrush, soft-leaved	Castilleja mollis				\$0.00
1	Q	Paintbrush, Tiburon	Castilleja affinis ssp. neglecta	E			\$0.00
4	Q	Palo colorado	Ternstroemia luquillensis	E			\$0.00
4	Q	Palo de jazmin	Styrax portoricensis	E			\$0.00
4	Q	Palo de Nigua	Cornutia obovata	E			\$0.00
4	Q	Palo de Ramon	Banara vanderbiltii	E			\$0.00
1	Q	Pamakani	Tetramolopium capillare	E			\$0.00
1	Q	Pamakani	Viola chamissoniana ssp. chamissoniana	E			\$0.00
1	Q	Panicgrass, Carter's	Panicum fauriei var. carteri	E			\$0.00
1	Q	Pau'ala	Brighamia rockii	E			\$0.00
4	Q	Pawpaw, beautiful	Deeringothamnus pulchellus	E			\$0.00
4	Q	Pawpaw, four-petal	Asimina tetramera	E			\$0.00
4	Q	Pawpaw, Rugel's	Deeringothamnus rugelii	E			\$0.00
4	Q	Pelos del diablo	Aristida portoricensis	E			\$0.00
2	Q	Pennyroyal, Todsens	Hedeoma todsenii	E			\$0.00
6	Q	Penstemon, blowout	Penstemon haydenii	E			\$0.00
1	Q	Pentachaeta, Lyon's	Pentachaeta lyonii				\$0.00
1	Q	Pentachaeta, white-rayed	Pentachaeta bellidiflora	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
4	Q	Peperomia, Wheeler's	Peperomia wheeleri	E			\$0.00
6	Q	Phacelia, clay	Phacelia argillacea	E			\$0.00
1	Q	Phacelia, island	Phacelia insularis var. insularis				\$0.00
6	Q	Phacelia, North Park	Phacelia formosula	E			\$0.00
2	Q	Phlox, Texas trailing	Phlox nivalis ssp. texensis	E			\$0.00
1	Q	Phyllostegia glabra var. lanaiensis (=Sci na	Phyllostegia glabra var. lanaiensis	E			\$0.00
1	Q	Phyllostegia hirsuta (=Sci. name)	Phyllostegia hirsuta				\$0.00
1	Q	Phyllostegia kaalaensis (=Sci. name)	Phyllostegia kaalaensis	E			\$0.00
1	Q	Phyllostegia knudsenii , (=Sci. name)	Phyllostegia knudsenii				\$0.00
1	Q	Phyllostegia mannii (=Sci name)	Phyllostegia mannii	E			\$0.00
1	Q	Phyllostegia mollis (=Sci name)	Phyllostegia mollis	E			\$0.00
1	Q	Phyllostegia parviflora (=Sci. name)	Phyllostegia parviflora	E			\$0.00
1	Q	Phyllostegia velutina (=Sci. name)	Phyllostegia velutina				\$0.00
1	Q	Phyllostegia waimeae (=Sci name)	Phyllostegia waimeae	E			\$0.00
1	Q	Phyllostegia warshaueri (=Sci. name)	Phyllostegia warshaueri	E			\$0.00
1	Q	Phyllostegia wawrana , (=Sci. name)	Phyllostegia wawrana				\$0.00
1	Q	Pilo	Hedyotis mannii	E			\$0.00
4	Q	Pinkroot, gentian	Spigelia gentianoides	E			\$0.00
5	Q	Pink, swamp	Helonias bullata	T			\$0.00
1	Q	Piperia, Yadon's	Piperia yadonii	E			\$0.00
2	Q	Pitaya, Davis' green	Echinocereus viridiflorus var. davisii	E			\$0.00
4	Q	Pitcher-plant, Alabama canebrake	Sarracenia rubra ssp. alabamensis	E			\$0.00
4	Q	Pitcher-plant, green	Sarracenia oreophila	E			\$0.00
4	Q	Pitcher-plant, mountain sweet	Sarracenia rubra ssp. jonesii	E			\$0.00
1	Q	Platanthera holochila (=Sci. name)	Platanthera holochila				\$0.00
4	Q	Plum, scrub	Prunus geniculata	E			\$0.00
1	Q	Poa siphonoglossa (=Sci name)	Poa siphonoglossa	E			\$0.00
1	Q	Po'e	Portulaca sclerocarpa	E			\$0.00
5	Q	Pogonia, small whorled	Isotria medeoloides	T			\$0.00
4	Q	Polygala, Lewton's	Polygala lewtonii	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
4	Q	Polygala, tiny	Polygala smallii	E			\$0.00
4	Q	Pondberry	Lindera melissifolia	E			\$0.00
2	Q	Pondweed, Little Aguja Creek	Potamogeton clystocarpus	E			\$0.00
1	Q	Popolo, ku mai (=Popolo, thorny)	Solanum incompletum	E			\$0.00
2	Q	Poppy-mallow, Texas	Callirhoe scabriuscula	E	\$0.10		\$0.10
2	Q	Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	E	\$20.00		\$20.00
4	Q	Potato-bean, Price's	Apios priceana	T			\$0.00
1	Q	Potentilla, Hickman's	Potentilla hickmanii	E			\$0.00
4	Q	Prairie-clover, leafy	Dalea foliosa	E			\$0.00
4	Q	Prickly-apple, fragrant	Cereus eriophorus var. fragrans	E			\$0.00
4	Q	Prickly-ash, St. Thomas	Zanthoxylum thomasianum	E			\$0.00
6	Q	Primrose, Maguire	Primula maguirei	T			\$0.00
1	Q	Pritchardia remota (=Sci name)	Pritchardia remota	E			\$0.00
1	Q	Pussypaws, Mariposa	Calyptridium pulchellum	T			\$0.00
1	Q	Pu'uka'a	Cyperus trachysanthos				\$0.00
4	Q	Rattleweed, hairy	Baptisia arachnifera	E			\$0.00
6	Q	Reed-mustard, Barneby	Schoenocrambe barnebyi	E			\$0.00
6	Q	Reed-mustard, clay	Schoenocrambe argillacea	T			\$0.00
1	Q	Remya kauaiensis (=Sci name)	Remya kauaiensis	E			\$0.00
1	Q	Remya montgomeryi (=Sci name)	Remya montgomeryi	E			\$0.00
1	Q	Remya, Maui	Remya mauiensis	E			\$0.00
4	Q	Rhododendron, Chapman	Rhododendron chapmanii	E			\$0.00
6	Q	Ridge-cress (=pepper-cress), Barneby	Lepidium barnebyanum	E			\$0.00
4	Q	Rock-cress	Arabis perstellata	E			\$0.00
1	Q	Rock-cress, Hoffmann's	Arabis hoffmannii				\$0.00
1	Q	Rock-cress, McDonald's	Arabis mcdonaldiana	E			\$0.00
1	Q	Rockcress, Santa Cruz Island	Sibara filifolia				\$0.00
5	Q	Rock-cress, shale barren	Arabis serotina	E			\$0.00
1	Q	Rollandia crispa (=Sci name)	Rollandia crispa	E			\$0.00
4	Q	Rosa, palo de	Ottoschulzia rhodoxylon	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
4	Q	Rosemary, Apalachicola	Conradina glabra	E			\$0.00
4	Q	Rosemary, Cumberland	Conradina verticillata	T			\$0.00
4	Q	Rosemary, Etonia	Conradina etonia	E			\$0.00
4	Q	Rosemary, short-leaved	Conradina brevifolia	E			\$0.00
3	Q	Roseroot, Leedy's	Sedum integrifolium ssp. leedyi	T			\$0.00
2	Q	Rush-pea, slender	Hoffmannseggia tenella	E	\$0.50		\$0.50
1	Q	Rush-rose, island	Helianthemum greenei				\$0.00
1	Q	Sandalwood, Lanai or `iliahi	Santalum freycinetianum var. lanaiense	E			\$0.00
1	Q	Sandbur, agrimony or Kamanomano	Cenchrus agrimonioides				\$0.00
4	Q	Sandlace	Polygonella myriophylla	E			\$0.00
2	Q	Sand-verbena, large-fruited	Abronia macrocarpa	E			\$0.00
1	Q	Sandwort, Bear Valley	Arenaria ursina	T			\$0.00
4	Q	Sandwort, Cumberland	Arenaria cumberlandensis	E			\$0.00
1	Q	Sandwort, Marsh	Arenaria paludicola	E			\$0.00
1	Q	Sanicula mariversa (=Sci name)	Sanicula mariversa	E			\$0.00
1	Q	Sanicula purpurea (=Sci. name)	Sanicula purpurea				\$0.00
1	Q	Schiedea haleakalensis (=Sci name)	Schiedea haleakalensis	E			\$0.00
1	Q	Schiedea helleri , (=Sci. name)	Schiedea helleri				\$0.00
1	Q	Schiedea hookeri (=Sci. name)	Schiedea hookeri				\$0.00
1	Q	Schiedea kaalae (=Sci name)	Schiedea kaalae	E			\$0.00
1	Q	Schiedea kauaiensis (=Sci. name)	Schiedea kauaiensis				\$0.00
1	Q	Schiedea lydgatei (=Sci name)	Schiedea lydgatei	E			\$0.00
1	Q	Schiedea membranacea , (=Sci. name)	Schiedea membranacea				\$0.00
1	Q	Schiedea nuttallii (=Sci. name)	Schiedea nuttallii				\$0.00
1	Q	Schiedea sarmentosa (=Sci. name)	Schiedea sarmentosa				\$0.00
1	Q	Schiedea spergulina var. leiopoda (=Sci na	Schiedea spergulina var. leiopoda	E			\$0.00
1	Q	Schiedea spergulina var. spergulina (=Sci	Schiedea spergulina var. spergulina	T			\$0.00
1	Q	Schiedea verticillata (=Sci name)	Schiedea verticillata	E			\$0.00
1	Q	Schiedea, Diamond Head	Schiedea adamantis	E			\$0.00
4	Q	Schoepfia arenaria (=Sci name)	Schoepfia arenaria	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	Q	Seablite, California	Suaeda californica	E			\$0.00
2	Q	Sedge, Navajo	Carex specuicola	T			\$0.00
1	Q	Sedge, white	Carex albida	E			\$0.00
1	Q	Silene alexandri (=Sci name)	Silene alexandri	E			\$0.00
1	Q	Silene hawaiiensis (=Sci name)	Silene hawaiiensis	T			\$0.00
1	Q	Silene lanceolata (=Sci name)	Silene lanceolata	E			\$0.00
1	Q	Silene perlmanii (=Sci name)	Silene perlmanii	E			\$0.00
1	Q	Silversword, `Ahinahina Mauna Kea	Argyroxiphium sandwicense ssp. sandwice	E			\$0.00
1	Q	Silversword, Haleakala (`ahinahina)	Argyroxiphium sandwicense ssp. macroce	E			\$0.00
1	Q	Silversword, Ka`u	Argyroxiphium kauense	E			\$0.00
4	Q	Skullcap, Florida	Scutellaria floridana	T			\$0.00
4	Q	Skullcap, large-flowered	Scutellaria montana	E			\$0.00
4	Q	Snakeroot	Eryngium cuneifolium	E			\$0.00
2	Q	Snowbells, Texas	Styrax texana	E			\$0.00
1	Q	Spermolepis hawaiiensis (=Sci name)	Spermolepis hawaiiensis	E			\$0.00
1	Q	Spineflower, Ben Lomond	Chorizanthe pungens var. hartwegiana	E			\$0.00
1	Q	Spineflower, Howell's	Chorizanthe howellii	E			\$0.00
1	Q	Spineflower, Monterey	Chorizanthe pungens var. pungens	T			\$0.00
1	Q	Spineflower, Orcutt's	Chorizanthe orcuttiana				\$0.00
1	Q	Spineflower, Robust (incl. Scotts Valley)	Chorizanthe robusta (incl. vars. robusta &	E			\$0.00
1	Q	Spineflower, slender-horned	Dodecahema leptoceras	E			\$0.00
1	Q	Spineflower, Sonoma	Chorizanthe valida	E			\$0.00
5	Q	Spiraea, Virginia	Spiraea virginiana	T			\$0.00
4	Q	Spurge, deltoid	Chamaesyce deltoidea ssp. deltoidea	E			\$0.00
4	Q	Spurge, Garber's	Chamaesyce garberi	T			\$0.00
1	Q	Spurge, Hoover's	Chamaesyce hooveri				\$0.00
4	Q	Spurge, telephus	Euphorbia telephioides	T			\$0.00
1	Q	Stenogyne angustifolia (=Sci name)	Stenogyne angustifolia	E			\$0.00
1	Q	Stenogyne bifida (=Sci name)	Stenogyne bifida	E			\$0.00
1	Q	Stenogyne campanulata (=Sci name)	Stenogyne campanulata	E			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	Q	Stenogyne kanehoana (=Sci name)	Stenogyne kanehoana	E			\$0.00
1	Q	Stonecrop, Lake County	Parvisedum leiocarpum				\$0.00
4	Q	Sumac, Michaux's	Rhus michauxii	E			\$0.00
1	Q	Sunburst, Hartweg's golden	Pseudobahia bahiifolia				\$0.00
1	Q	Sunburst, San Joaquin adobe	Pseudobahia peirsonii				\$0.00
4	Q	Sunflower, Eggert's	Helianthus eggertii				\$0.00
1	Q	Sunflower, San Mateo woolly	Eriophyllum latilobum	E			\$0.00
4	Q	Sunflower, Schweinitz's	Helianthus schweinitzii	E			\$0.00
1	Q	Sunray, Ash Meadows	Enceliopsis nudicaulis var. corrugata	T			\$0.00
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	Blennosperma bakeri	E			\$0.00
1	Q	Taraxacum, California	Taraxacum californicum	E			\$0.00
4	Q	Ternstroemia subsessilis (=Sci name)	Ternstroemia subsessilis	E			\$0.00
1	Q	Tetramolopium rockii (=Sci name)	Tetramolopium rockii	T			\$0.00
1	Q	Tetramolopium arenarium (=Sci name)	Tetramolopium arenarium	E			\$0.00
1	Q	Tetramolopium filiforme (=Sci name)	Tetramolopium filiforme	E			\$0.00
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci name)	Tetramolopium lepidotum ssp. lepidotum	E			\$0.00
1	Q	Tetramolopium remyi (=Sci name)	Tetramolopium remyi	E			\$0.00
1	Q	Thistle, Chorro Creek	Cirsium fontinale var. obispoense	E			\$0.00
1	Q	Thistle, fountain	Cirsium fontinale var. fontinale	E			\$0.00
1	Q	Thistle, Loch Lomond coyote	Eryngium constancei	E			\$0.00
3	Q	Thistle, Pitcher's	Cirsium pitcheri	T	\$1.00		\$1.00
2	Q	Thistle, Sacramento Mountains	Cirsium vinaceum	T			\$0.00
1	Q	Thistle, Suisun	Cirsium hydrophilum var. hydrophilum	E			\$0.00
1	Q	Thornmint, San Mateo	Acanthomintha obovata ssp. duttonii	E			\$0.00
6	Q	Townsendia, Last Chance	Townsendia aprica	T			\$0.00
4	Q	Tree, pygmy fringe	Chionanthus pygmaeus	E			\$0.00
1	Q	Trematolobelia singularis (=Sci. name)	Trematolobelia singularis	E			\$0.00
4	Q	Trillium, persistent	Trillium persistens	E			\$0.00
4	Q	Trillium, relict	Trillium reliquum	E			\$0.00
6	Q	Twinpod, Dudley Bluffs	Physaria obcordata	T			\$0.00

1998 Endangered Species Expenditures Template

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
					General	Lands	Grand Total
1	Q	Uhiuhi	Caesalpinia kavaiense	E			\$0.00
4	Q	Uvillo	Eugenia haematocarpa	E			\$0.00
4	Q	Vernonia proctorii (=Sci name)	Vernonia proctorii	E			\$0.00
1	Q	Vervain, Red Hills	Verbena californica	T			\$0.00
1	Q	Vetch, Hawaiian	Vicia menziesii	E			\$0.00
1	Q	Vigna o-wahuensis (=Sci name)	Vigna o-wahuensis	E			\$0.00
1	Q	Viola helenae (=Sci name)	Viola helenae	E			\$0.00
1	Q	Viola lanaiensis (=Sci name)	Viola lanaiensis	E			\$0.00
1	Q	Viola oahuensis (=Sci. Name)	Viola oahuensis				\$0.00
1	Q	Wahane (=Hawane or loulu)	Pritchardia aylmer-robinsonii	E			\$0.00
1	Q	Wallflower, Ben Lomond	Erysimum teretifolium	E			\$0.00
1	Q	Wallflower, Contra Costa	Erysimum capitatum var. angustatum	E			\$0.00
1	Q	Wallflower, Menzies'	Erysimum menziesii	E			\$0.00
4	Q	Walnut, West Indian or nogal	Juglans jamaicensis				\$0.00
4	Q	Warea, wide-leaf	Warea amplexifolia	E			\$0.00
1	Q	Watercress, Gambel's	Rorippa gambellii	E			\$0.00
4	Q	Water-plantain, Kral's	Sagittaria secundifolia	T			\$0.00
2	Q	Water-umbel, Huachuca	Lilaeopsis schaffneriana ssp. recurva				\$0.00
4	Q	Water-willow, Cooley's	Justicia cooleyi	E			\$0.00
4	Q	Whitlow-wort, papery	Paronychia chartacea	T			\$0.00
6	Q	Wild-buckwheat, clay-loving	Eriogonum pelinophilum	E			\$0.00
2	Q	Wild-buckwheat, gypsum	Eriogonum gypsophilum	T			\$0.00
1	Q	Wild-buckwheat, southern mountain	Eriogonum kennedyi var. austromontanum	T			\$0.00
2	Q	Wild-rice, Texas	Zizania texana	E	\$6.50		\$6.50
4	Q	Wings, Pigeon	Clitoria fragrans	T			\$0.00
1	Q	Wire-lettuce, Malheur	Stephanomeria malheurensis	E			\$0.00
4	Q	Wireweed	Polygonella basiramaia	E			\$0.00
1	Q	Woodland-star, San Clemente Island	Lithophragma maximum				\$0.00
1	Q	Woolly-star, Hoover's	Eriastrum hooveri	T			\$0.00
1	Q	Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	E			\$0.00

1998 Endangered Species Expenditures Template

Lead	Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
						General	Lands	Grand Total
	1	Q	Wooly-threads, San Joaquin	Lembertia congdonii	E			\$0.00
	1	Q	Xylosma crenatum (=Sci name)	Xylosma crenatum	E			\$0.00
	4	Q	Ziziphus, florida	Ziziphus celata	E			\$0.00
	1	R	Cypress, Gowen	Cupressus goveniana ssp. goveniana	T			\$0.00
	1	R	Cypress, Santa Cruz	Cupressus abramsiana	E			\$0.00
	4	R	Torreya, Florida	Torreya taxifolia	E			\$0.00
	4	S	Adiantum vivesii (=Sci name)	Adiantum vivesii	E			\$0.00
	1	S	Asplenium fragile var. insulare (=Sci name)	Asplenium fragile var. insulare	E			\$0.00
	1	S	Diellia falcata (=Sci name)	Diellia falcata	E			\$0.00
	1	S	Diellia pallida (=laciniata) (=Sci name)	Diellia pallida (=laciniata)	E			\$0.00
	1	S	Diellia unisora (=Sci name)	Diellia unisora	E			\$0.00
	1	S	Diellia , asplenium-leaved	Diellia erecta	E			\$0.00
	1	S	Diplazium molokaiense (=Sci name)	Diplazium molokaiense	E			\$0.00
	4	S	Elaphoglossum serpens (=Sci name)	Elaphoglossum serpens	E			\$0.00
	4	S	Fern, Alabama streak-sorus	Thelypteris pilosa var. alabamensis	T			\$0.00
	7	S	Fern, Aleutian shield	Polystichum aleuticum	E			\$0.00
	4	S	Fern, American hart's-tongue	Asplenium scolopendrium var. americanum	T			\$0.00
	4	S	Fern, Elfin tree	Cyathea dryopteroides	E			\$0.00
	1	S	Fern, pendant kihi	Adenophorus periens	E			\$0.00
	1	S	Ihi`ihi	Marsilea villosa	E			\$0.00
	1	S	Pauoa	Ctenitis squamigera	E			\$0.00
	4	S	Polystichum calderonense (=Sci name)	Polystichum calderonense	E			\$0.00
	1	S	Pteris lidgatei (=Sci name)	Pteris lidgatei	E			\$0.00
	4	S	Quillwort, black spored	Isoetes melanospora	E			\$0.00
	4	S	Quillwort, Louisiana	Isoetes louisianensis	E			\$0.00
	4	S	Quillwort, mat-forming	Isoetes tegetiformans	E			\$0.00
	4	S	Tectaria estremerana (=Sci name)	Tectaria estremerana	E			\$0.00
	4	S	Thelypteris inabonensis (=Sci name)	Thelypteris inabonensis	E			\$0.00
	4	S	Thelypteris verecunda (=Sci name)	Thelypteris verecunda	E			\$0.00
	4	S	Thelypteris yaucoensis (=Sci name)	Thelypteris yaucoensis	E			\$0.00

1998 Endangered Species Expenditures Template

Lead						AMOUNTS IN THOUSANDS OF \$\$\$		
Reg.	Group	Inverted Common Name	Scientific Name	Status	General	Lands	Grand Total	
1	S	Wawae`iole	Huperzia mannii	E			\$0.00	
1	S	Wawa`iole	Lycopodium nutans	E			\$0.00	
4	U	Cladonia, Florida perforate	Cladonia perforata	E			\$0.00	
4	U	Lichen, rock gnome	Gymnoderma lineare	E			\$0.00	



THE COMMISSIONER OF CUSTOMS

WASHINGTON, D.C.

June 22, 1999

ADM-6-04-OF:BD:OF SDR

Ms. Jamie Rappaport Clark
Director
United States Department of the Interior
Fish and Wildlife Service
1849 C Street, NW.
Washington, D.C. 20240

Dear Ms. Rappaport Clark:

This is in response to your letter dated March 31, 1999, in which you requested that the U.S. Customs Service report on expenditures made primarily for the conservation of endangered or threatened species.

Although Customs is one of the lead agencies in the enforcement of the endangered or threatened species laws and the regulation and international conventions on these species, we do not specifically allocate funding for this purpose. Nor do we have a system to capture the cost of seizing a product of an endangered species or detaining an endangered species at any one of our border sites. This task is integrated into the overall function of Customs operational groups, such as special agents, inspectors, and import specialists. Therefore, enforcement of the endangered or threatened species laws, as well as the regulation and international conventions is a part of the regular duties within the broad range of Customs responsibilities. As a result, we cannot identify the Fiscal Year 1998 expenditures made primarily for the conservation of endangered or threatened species pursuant to the Endangered Species Act Amendments of 1988.

However, be assured that the U.S. Customs Service, in conjunction with the Fish and Wildlife Service (FWS), continues to investigate cases involving illegal as well as smuggled importations of endangered and threatened species pursuant to the Endangered Species Act and the Convention on International Trade in Endangered Species of Wild Fauna and Flora. Furthermore, at FWS designated ports of entry, Customs inspectors, agents, and import specialists assist in wildlife enforcement by ensuring that suspect shipments are detained to await clearance by local FWS officers, and when

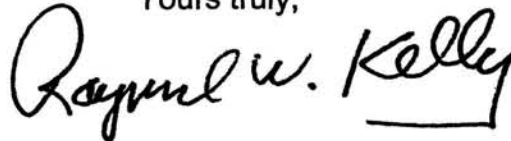
appropriate, ordering the redelivery of the shipment and assessing penalties in required cases. At non-designated ports of entry our personnel perform enforcement actions on behalf of FWS in enforcing the Endangered Species Act Amendments of 1988.

As part of this effort, in Fiscal Year 1998 we detained a substantial number of importations at various border sites. Such endangered or threatened species or products thereof, included Yellow-Naped Amazon Parrots, South American Spider Monkeys, Elk Ivory; Cobra skins, various types of bird feathers, Ostrich/Crocodile boots, handbags, jackets; exotic and endangered birds, various items made from Ivory, Sea Turtle boots, Iguanas, Lynx hides, Leopard skins, live reptiles, Whale bones, Brown Bear rugs; Mexican Spotted Owl talons, Ocelot skin; Conch shells and Coral, endangered shells from the Philippines, Black Bear (various parts), Hippo Ivory, Tiger bone, and Mourning Doves.

Even though specific expenditures are not available we can assure you that Customs continues its effort to work in cooperation with FWS. We expect this enforcement initiative will have a significant impact on attempted illegal importations in the future.

If you require more information, please feel free to have a member of your staff contact Sandie Daien Ray, Office of Finance, Budget Division, on (202) 927-0516.

Yours truly,

A handwritten signature in black ink that reads "Raymond W. Kelly". The signature is written in a cursive style with a horizontal line under the name.

Raymond W. Kelly
Commissioner



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 17 1999

OFFICE OF
ENFORCEMENT AND
COMPLIANCE ASSURANCE

Ms. Jamie Rappaport Clark
Director
Fish and Wildlife Service
Washington, D.C. 20240

Reference: FWS/TE

Dear Ms. Clark:

This is in response to your letter of March 31, 1999 to Administrator Carol Browner requesting information on EPA expenditures for the conservation of listed endangered and threatened species. As requested, enclosed is a list of EPA expenditures for FY 1998 categorized by species. The expenditures list is limited, as directed by the guidance for reporting expenditures, to those funds spent on specific species and does not include funds spent on broader endangered species programs or projects.

We want to bring to your attention that several EPA funded programs in FY 98 could not be reported because the funds were used to protect multiple species. For example, the Office of Pesticide Programs' (OPP) Endangered Species Protection Program allocated \$1,057,000 to protect many different listed species. The program involves most states and EPA regional offices but is not included in the total EPA expenditures for FY 98 since it cannot be allocated on a per species basis.

Should you have any additional questions please contact Jim Serfis of my staff at 202-564-7161.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard E. Sanderson".

Richard E. Sanderson
Director
Office of Federal Activities

Enclosures

Lead Group Inverted Common Name Status **AMOUNTS IN THOUSANDS OF \$\$\$**
 Reg. General Lands Grand Total

Species Expenditures Template

Template for reporting 1998 expenditures for endangered and threatened species. Column D gives scientific names; column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . . plants) as in the List. A running total of expenditures for each column is kept under each heading.

NOTE: AMOUNTS IN THOUSANDS OF \$\$\$

If you have any questions, contact Susan Jacobsen at 703/358-2105

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
3	A	Bat, gray	E			
1	A	Bat, Hawaiian hoary	E			
3	A	Bat, Indiana	E			
2	A	Bat, lesser long-nosed	E			
1	A	Bat, little Mariana fruit	E			
1	A	Bat, Mariana fruit	E			
2	A	Bat, Mexican long-nosed	E			
2	A	Bat, Ozark big-eared	E			
5	A	Bat, Virginia big-eared	E			
6	A	Bear, grizzly	T			
4	A	Bear, Louisiana black	T			
1	A	Caribou, woodland	E			
5	A	Cougar, eastern	E			
1	A	Deer, Columbian white-tailed	E			
4	A	Deer, key	E			
6	A	Ferret, black-footed	E			
1	A	Fox, San Joaquin kit	E			
2	A	Jaguar	E			
2	A	Jaguarundi	E			
2	A	Jaguarundi	E			
1	A	Kangaroo rat, Fresno	E			
1	A	Kangaroo rat, giant	E			
1	A	Kangaroo rat, Morro Bay	E			
1	A	Kangaroo rat, San Bernardino Merriam's	E			
1	A	Kangaroo rat, Stephens'	E			
1	A	Kangaroo rat, Tipton	E			
4	A	Manatee, West Indian (=Florida)	E			
1	A	Mountain beaver, Point Arena	E			
4	A	Mouse, Alabama beach	E			
4	A	Mouse, Anastasia Island beach	E			
4	A	Mouse, Choctawahatchee beach	E			
4	A	Mouse, Key Largo cotton	E			
1	A	Mouse, Pacific pocket	E			
4	A	Mouse, Perdido Key beach	E			
6	A	Mouse, Preble's meadow jumping	T			94,216
1	A	Mouse, salt marsh harvest	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
4	A	Mouse, southeastern beach	T			
2	A	Ocelot	E			
1	A	Otter, southern sea	T			
4	A	Panther, Florida	E			
6	A	Prairie dog, Utah	T			
2	A	Pronghorn, Sonoran	E			
4	A	Rabbit, Lower Keys	E			
4	A	Rice rat (=silver rice rat)	E			
N	A	Sea-lion, Steller	E, T			
N	A	Seal, Caribbean monk	E			
N	A	Seal, guadalupe fur	T			
N	A	Seal, Hawaiian monk	E			
1	A	Sheep, bighorn (Peninsular Ranges pop. in CA)	E			
5	A	Shrew, Dismal Swamp southeastern	T			
4	A	Squirrel, Carolina northern flying	E			
5	A	Squirrel, Delmarva Peninsula fox	E			
2	A	Squirrel, Mount Graham red	E			
5	A	Squirrel, Virginia northern flying	E			
1	A	Vole, Amargosa	E			
4	A	Vole, Florida salt marsh	E			
2	A	Vole, Hualapai Mexican	E			
N	A	Whale, blue	E			
N	A	Whale, bowhead	E			
N	A	Whale, finback	E			
N	A	Whale, gray	E			
N	A	Whale, humpback	E			
N	A	Whale, right	E			
N	A	Whale, Sei	E			
N	A	Whale, sperm	E			
3	A	Wolf, gray	E, T			
4	A	Wolf, red	E			
4	A	Woodrat, Key Largo	E			
1	B	'Akepa, Hawaii (honeycreeper)	E			
1	B	'Akepa, Maui (honeycreeper)	E			
1	B	'Akialoa, Kauai (honeycreeper)	E			
1	B	'Akiapola'au (honeycreeper)	E			
4	B	Blackbird, yellow-shouldered	E			
2	B	Bobwhite, masked (quail)	E			
1	B	Broadbill, Guam	E			
4	B	Caracara, Audubon's crested	T			
1	B	Condor, California	E			
1	B	Coot, Hawaiian (= alae-ke'oke'o)	E			
4	B	Crane, Mississippi sandhill	E			
2	B	Crane, whooping	E			
1	B	Creeper, Hawaii	E			
1	B	Creeper, Molokai (=kakawahie)	E			
1	B	Creeper, Oahu (=alauwahio)	E			
1	B	Crow, Hawaiian (=alala)	E			
1	B	Crow, Mariana	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
4	B	Crow, white-necked	E			
7	B	Curlew, Eskimo	E			
1	B	Duck, Hawaiian (=koloa)	E			
1	B	Duck, Laysan	E			
3	B	Eagle, bald	T			
7	B	Eider, spectacled	T			
7	B	Eider, Steller's	T			
1	B	Falcon, American peregrine	E			
2	B	Falcon, northern aplomado	E			
1	B	Finch, Laysan (honeycreeper)	E			
1	B	Finch, Nihoa (honeycreeper)	E			
2	B	Flycatcher, southwestern willow	E			
1	B	Gnatcatcher, coastal California	T			
7	B	Goose, Aleutian Canada	T			
1	B	Goose, Hawaiian (=nene)	E			
1	B	Hawk, Hawaiian (=io)	E			
4	B	Hawk, Puerto Rican broad-winged	E			
4	B	Hawk, Puerto Rican sharp-shinned	E			
1	B	Honeycreeper, crested (=akohekohe)	E			
4	B	Jay, Florida scrub	T			
1	B	Kingfisher, Guam Micronesian	E			
4	B	Kite, Everglade snail	E			
1	B	Mallard, Mariana	E			
1	B	Megapode, Micronesian (=La Perouse's)	E			
1	B	Millerbird, Nihoa (old world warbler)	E			
1	B	Monarch, Tinian (old world flycatcher)	T			
1	B	Moorhen, Hawaiian common	E			
1	B	Moorhen, Mariana common	E			
1	B	Murrelet, marbled	T			
4	B	Nightjar, Puerto Rican	E			
1	B	Nukupu'u (honeycreeper)	E			
1	B	O'o, Kauai (=o'o'a) (honeyeater)	E			
1	B	O'u (honeycreeper)	E			
2	B	Owl, Mexican spotted	T			
1	B	Owl, northern spotted	T			
1	B	Palila (honeycreeper)	E			
4	B	Parrot, Puerto Rican	E			
1	B	Parrotbill, Maui (honeycreeper)	E			
1	B	Pelican, brown	E			
1	B	Petrel, Hawaiian dark-rumped	E			
4	B	Pigeon, Puerto Rican plain	E			
3	B	Plover, piping	E, T			
1	B	Plover, western snowy	T			
1	B	Po'ouli (honeycreeper)	E			
2	B	Prairie-chicken, Attwater's greater	E			
2	B	Pygmy-owl, cactus ferruginous	E			
1	B	Rail, California clapper	E			
1	B	Rail, Guam	E			
1	B	Rail, light-footed clapper	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
2	B	Rail, Yuma clapper	E			
1	B	Shearwater, Newell's Townsend's (formerly Man	T			
1	B	Shrike, San Clemente loggerhead	E			
4	B	Sparrow, Cape Sable seaside	E			
4	B	Sparrow, Florida grasshopper	E			
1	B	Sparrow, San Clemente sage	T			
1	B	Stilt, Hawaiian (=ae'o)	E			
4	B	Stork, wood	E			
1	B	Swiftlet, Mariana gray (=vanikoro)	E			
1	B	Tern, California least	E			
3	B	Tern, least	E			6,000
5	B	Tern, roseate	E, T			
1	B	Thrush, large Kauai	E			
1	B	Thrush, Molokai (=oloma'o)	E			
1	B	Thrush, small Kauai (=puaiohi)	E			
2	B	Towhee, Inyo California (=brown)	T			
2	B	Vireo, black-capped	E			
1	B	Vireo, least Bell's	E			
4	B	Warbler, Bachman's	E			
2	B	Warbler, golden-cheeked	E			
3	B	Warbler, Kirtland's	E			
1	B	Warbler, nightingale reed	E			
1	B	White-eye, bridled	E			
4	B	Woodpecker, ivory-billed	E			
4	B	Woodpecker, red-cockaded	E			
4	C	Anole, Culebra Island giant	E			
4	C	Boa, Mona	T			
4	C	Boa, Puerto Rican	E			
4	C	Boa, Virgin Islands tree	E			
4	C	Crocodile, American	E			
4	C	Gecko, Monito	E			
4	C	Iguana, Mona ground	T			
1	C	Lizard, blunt-nosed leopard	E			
1	C	Lizard, Coachella Valley fringe-toed	T			
1	C	Lizard, Island night	T			
4	C	Lizard, St. Croix ground	E			
2	C	Rattlesnake, New Mexican ridge-nosed	T			
4	C	Skink, bluetail mole	T			
4	C	Skink, sand	T			
4	C	Snake, Atlantic salt marsh	T			
2	C	Snake, Concho water	T			
3	C	Snake, copperbelly water (northern pop.)	T			
4	C	Snake, eastern indigo	T			
1	C	Snake, giant garter	T			
1	C	Snake, San Francisco garter	E			
1	C	Tortoise, desert	T			
4	C	Tortoise, gopher	T			
4	C	Turtle, Alabama redbelly (=red-bellied)	E			
5	C	Turtle, bog (=Muhlenberg)	T			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
4	C	Turtle, flattened musk	T			
2	C	Turtle, green sea	E, T			
2	C	Turtle, hawksbill sea (=carey)	E			
2	C	Turtle, Kemp's ridley sea	E			
2	C	Turtle, leatherback sea	E			
2	C	Turtle, loggerhead sea	T			
2	C	Turtle, olive ridley sea	E, T			
5	C	Turtle, Plymouth redbelly (=red-bellied)	E			
4	C	Turtle, ringed map (=sawback)	T			
4	C	Turtle, yellow-blotched map (=sawback)	T			
1	C	Whipsnake, (=striped racer) Alameda	T			
4	D	Coqui, golden	T			
1	D	Frog, California red-legged	T			
4	D	Guajon	T			
2	D	Salamander, Barton Springs	E			
5	D	Salamander, Cheat Mountain	T			
1	D	Salamander, desert slender	E			
4	D	Salamander, Red Hills	T			
2	D	Salamander, San Marcos	T			
1	D	Salamander, Santa Cruz long-toed	E			
5	D	Salamander, Shenandoah	E			
2	D	Salamander, Sonoran tiger	E			
2	D	Salamander, Texas blind	E			
1	D	Toad, Arroyo southwestern	E			
2	D	Toad, Houston	E			
4	D	Toad, Puerto Rican crested	T			
6	D	Toad, Wyoming	E			
2	E	Catfish, Yaqui	T			
4	E	Cavefish, Alabama	E			
4	E	Cavefish, Ozark	T			750
6	E	Chub, bonytail	E			
1	E	Chub, Borax Lake	E			
2	E	Chub, Chihuahua	T			
6	E	Chub, humpback	E			
1	E	Chub, Hutton tui	T			
1	E	Chub, Mohave tui	E			
1	E	Chub, Oregon	E			
1	E	Chub, Owens tui	E			
1	E	Chub, Pahrnagat roundtail (=bonytail)	E			
4	E	Chub, slender	T			
2	E	Chub, Sonora	T			
4	E	Chub, spotfin (=turquoise shiner)	T			
6	E	Chub, Virgin River	E			
2	E	Chub, Yaqui	E			
1	E	Cui-ui	E			
1	E	Dace, Ash Meadows speckled	E			
4	E	Dace, blackside	T			
1	E	Dace, Clover Valley speckled	E			
1	E	Dace, desert	T			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	E	Dace, Foscett speckled	T			
1	E	Dace, Independence Valley speckled	E			
6	E	Dace, Kendall Warm Springs	E			
1	E	Dace, Moapa	E			
4	E	Darter, amber	E			
4	E	Darter, bayou	T			
4	E	Darter, bluemask (=jewel)	E			
4	E	Darter, boulder (=Elk River)	E			
4	E	Darter, Cherokee	T			
4	E	Darter, duskytail	E			
4	E	Darter, Etowah	E			
2	E	Darter, fountain	E			
4	E	Darter, goldline	T			
2	E	Darter, leopard	T			1,680
5	E	Darter, Maryland	E			
3	E	Darter, Niangua	T			
4	E	Darter, Okaloosa	E			
4	E	Darter, relict	E			
4	E	Darter, slackwater	T			
4	E	Darter, snail	T			
4	E	Darter, watercress	E			
2	E	Gambusia, Big Bend	E			
2	E	Gambusia, Clear Creek	E			
2	E	Gambusia, Pecos	E			
2	E	Gambusia, San Marcos	E			
1	E	Goby, tidewater	E			
4	E	Logperch, Conasauga	E			
5	E	Logperch, Roanoke	E			
6	E	Madtom, Neosho	T			750
4	E	Madtom, pygmy	E			
3	E	Madtom, Scioto	E			
4	E	Madtom, Smoky	E			
4	E	Madtom, yellowfin	T			
2	E	Minnow, loach	T			
2	E	Minnow, Rio Grande silvery	E			
1	E	Poolfish, Pahrump	E			
1	E	Pupfish, Ash Meadows Amargosa	E			
2	E	Pupfish, Comanche Springs	E			
2	E	Pupfish, desert	E			
1	E	Pupfish, Devils Hole	E			
2	E	Pupfish, Leon Springs	E			
1	E	Pupfish, Owens	E			
1	E	Pupfish, Warm Springs	E			
N	E	Salmon, chinook, Sacramento R. winter run	T			
N	E	Salmon, chinook, Snake R. fall run	T			109,956
N	E	Salmon, chinook, Snake R. spring/summer run	T			109,956
N	E	Salmon, coho	T			
N	E	Salmon, sockeye (=red, =blueback), Snake R.	E			
4	E	Sculpin, pygmy	T			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
2	E	Shiner, beautiful	T			
4	E	Shiner, blue	T			
4	E	Shiner, Cahaba	E			
4	E	Shiner, Cape Fear	E			
4	E	Shiner, Palezone	E			
2	E	Shiner, Pecos bluntnose	T			
4	E	Silverside, Waccamaw	T			
1	E	Smelt, delta	T			
2	E	Spinedace	T			
1	E	Spinedace, Big Spring	T			
2	E	Spinedace, Little Colorado	T			
1	E	Spinedace, White River	E			
1	E	Springfish, Hiko White River	E			
1	E	Springfish, Railroad Valley	T			
1	E	Springfish, White River	E			
6	E	Squawfish, Colorado	E			
N	E	Steelhead (central CA coast)	T			
N	E	Steelhead (Central Valley CA)	T			
N	E	Steelhead (lower Columbia R.)	T			
N	E	Steelhead (Snake R. Basin)	T			
N	E	Steelhead (south central CA coast)	T			
N	E	Steelhead (southern CA coast)	E			
N	E	Steelhead (upper Columbia R. Basin)	E			
1	E	Stickleback, unarmored threespine	E			
4	E	Sturgeon, Gulf	T			
6	E	Sturgeon, pallid	E			
N	E	Sturgeon, shortnose	E			
1	E	Sturgeon, white (Kootenai River pop.)	E			
6	E	Sucker, June	E			
1	E	Sucker, Lost River	E			
1	E	Sucker, Modoc	E			
6	E	Sucker, razorback	E			50,000
1	E	Sucker, shortnose	E			
1	E	Sucker, Warner	T			
2	E	Topminnow, Gila (incl. Yaqui)	E			
2	E	Trout, Apache (=Arizona)	T			
1	E	Trout, bull (Columbia R. pop.)	T			
1	E	Trout, bull (Jarbridge R. pop.)	E			15,000
1	E	Trout, bull (Klamath R. pop.)	T			
2	E	Trout, Gila	E			
6	E	Trout, greenback cutthroat	T			
1	E	Trout, Lahontan cutthroat	T			
1	E	Trout, Little Kern golden	T			
1	E	Trout, Paiute cutthroat	T			
N	E	Trout, Umpqua River cutthroat	E			
6	E	Woundfin	E			
4	F	Acornshell, southern	E			
4	F	Bankclimber (mussel), purple	T			
4	F	Bean, purple (=Fine-rayed purple pearly mussel)	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
5	F	Clubshell	E			2,000
4	F	Clubshell, black (=Curtus' mussel)	E			
4	F	Clubshell, ovate	E			
4	F	Clubshell, southern	E			
4	F	Combshell, Cumberlandian	E			
4	F	Combshell, southern (=penitent mussel)	E			
4	F	Combshell, upland	E			
4	F	Elktoe, Appalachian	E			
4	F	Elktoe, Cumberland	E			
4	F	Fanshell	E			2,000
4	F	Fatmucket, Arkansas	T			
4	F	Heelsplitter, Carolina	E			
4	F	Heelsplitter, inflated	T			
4	F	Kidneyshell, triangular	E			
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama)	E			
4	F	Moccasinsshell, Alabama	T			
4	F	Moccasinsshell, Coosa	E			
4	F	Moccasinsshell, Gulf	E			
4	F	Moccasinsshell, Ochlockonee	E			
4	F	Mucket, orange-nacre	T			
5	F	Mussel, dwarf wedge	E			
4	F	Mussel, oyster	E			
4	F	Mussel, ring pink (=golf stick pearly)	E			
3	F	Mussel, winged mapleleaf	E			
4	F	Pearlshell, Louisiana	T			
4	F	Pearlymussel, Appalachian monkeyface	E			
4	F	Pearlymussel, birdwing	E			
4	F	Pearlymussel, cracking	E			
4	F	Pearlymussel, Cumberland bean	E			
4	F	Pearlymussel, Cumberland monkeyface	E			
3	F	Pearlymussel, Curtis'	E			
4	F	Pearlymussel, dromedary	E			
4	F	Pearlymussel, green-blossom	E			
3	F	Pearlymussel, Higgins' eye	E			
4	F	Pearlymussel, little-wing	E			
4	F	Pearlymussel, orange-foot pimpleback	E			2,000
4	F	Pearlymussel, pale lilliput	E			
4	F	Pearlymussel, pink mucket	E			2,000
4	F	Pearlymussel, purple cat's paw	E			
4	F	Pearlymussel, tubercled-blossom	E			
4	F	Pearlymussel, turgid-blossom	E			
3	F	Pearlymussel, white cat's paw	E			
4	F	Pearlymussel, white wartyback	E			
4	F	Pearlymussel, yellow-blossom	E			
4	F	Pigtoe (mussel), oval	E			
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel)	E			
4	F	Pigtoe, dark	E			
4	F	Pigtoe, fine-rayed	E			
4	F	Pigtoe, flat (=Marshall's mussel)	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Load Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
4	F	Pigtoe, heavy (=Judge Tait's mussel)	E			
4	F	Pigtoe, rough	E			
4	F	Pigtoe, shiny	E			
4	F	Pigtoe, southern	E			
4	F	Pocketbook (mussel), shinyrayed	E			
4	F	Pocketbook, fat	E			2,000
4	F	Pocketbook, fine-lined	T			
4	F	Pocketbook, speckled	E			
4	F	Rabbitsfoot, rough	E			
5	F	Riffleshell, northern	E			
4	F	Riffleshell, tan	E			
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly	E			1,050
4	F	Slabshell, Chipola	T			
5	F	Spinymussel, James River (=Virginia)	E			
4	F	Spinymussel, Tar River	E			
4	F	Stirrupshell	E			
4	F	Three-ridge (mussel), fat	E			
6	G	Ambersnail, Kanab	E			
1	G	Limpet, Banbury Springs	E			
4	G	Marstonia (snail), royal (=obese)	E			
4	G	Riversnail, Anthony's	E			
4	G	Shagreen, Magazine Mountain	T			
1	G	Snail, Bliss Rapids	T			
5	G	Snail, Chittenango ovate amber	T			
5	G	Snail, flat-spined three-toothed	T			
3	G	Snail, Iowa Pleistocene	E			1,500
1	G	Snail, Morro shoulderband (=Banded dune)	E			
4	G	Snail, noonday	T			
4	G	Snail, painted snake coiled forest	T			
1	G	Snail, Snake River physa	E			
4	G	Snail, Stock Island tree	T			
4	G	Snail, tulotoma (=Alabama live-bearing)	E			
1	G	Snail, Utah valvata	E			
5	G	Snail, Virginia fringed mountain	E			
1	G	Snails, Oahu tree	E			
2	G	Springsnail, Alamosa	E			
1	G	Springsnail, Bruneau Hot	E			
1	G	Springsnail, Idaho	E			
2	G	Springsnail, Socorro	E			
2	I	Beetle, Comal Springs riffle	E			
2	I	Beetle, Comal Springs dryopid	E			
1	I	Butterfly, Behren's silverspot	E			
1	I	Butterfly, callippe silverspot	E			
5	I	Beetle, American burying (=giant carrion)	E			750
2	I	Beetle, Coffin Cave mold	E			
1	I	Beetle, delta green ground	T			
3	I	Beetle, Hungerford's crawling water	E			
2	I	Beetle, Kretschmarr Cave mold	E			
1	I	Beetle, Mount Hermon June	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
5	I	Beetle, northeastern beach tiger	T			
5	I	Beetle, Puritan tiger	T			
2	I	Beetle, Tooth Cave ground	E			
1	I	Beetle, valley elderberry longhorn	T			
1	I	Butterfly, bay checkerspot	T			
1	I	Butterfly, El Segundo blue	E			
3	I	Butterfly, Karner blue	E			
1	I	Butterfly, Lange's metalmark	E			
1	I	Butterfly, lotis blue	E			
1	I	Butterfly, mission blue	E			
3	I	Butterfly, Mitchell's satyr	E			
1	I	Butterfly, Myrtle's silverspot	E			
1	I	Butterfly, Oregon silverspot	T			
1	I	Butterfly, Palos Verdes blue	E			
1	I	Butterfly, Quino checkerspot	E			
4	I	Butterfly, Saint Francis' satyr	E			
1	I	Butterfly, San Bruno elfin	E			
4	I	Butterfly, Schaus swallowtail	E			
1	I	Butterfly, Smith's blue	E			
6	I	Butterfly, Uncompahgre fritillary	E			
3	I	Dragonfly, Hine's (=Ohio) emerald	E			
1	I	Fly, Delhi Sands flower-loving	E			
1	I	Grasshopper, Zayante band-winged	E			
1	I	Moth, Kern primrose sphinx	T			
1	I	Naucorid, Ash Meadows	T			
1	I	Skipper, Laguna Mountains	E			
6	I	Skipper, Pawnee montane	T			
2	J	Harvestman, Bee Creek Cave	E			
2	J	Harvestman, Bone Cave	E			
2	J	Pseudoscorpion, Tooth Cave	E			
4	J	Spider, spruce-fir moss	E			
2	J	Spider, Tooth Cave	E			
5	K	Amphipod, Hay's Spring	E			
3	K	Amphipod, Illinois cave	E			
2	K	Amphipod, Peck's cave	E			
4	K	Crayfish, cave [no common name]	E			
4	K	Crayfish, cave [no common name]	E			
4	K	Crayfish, Nashville	E			
1	K	Crayfish, Shasta (=placid)	E			
1	K	Fairy shrimp, Conservancy	E			
1	K	Fairy shrimp, longhorn	E			
1	K	Fairy shrimp, riverside	E			
1	K	Fairy shrimp, San Diego	E			
1	K	Fairy shrimp, vernal pool	T			
5	K	Isopod, Lee County cave	E			
5	K	Isopod, Madison Cave	T			
2	K	Isopod, Socorro	E			
4	K	Shrimp, Alabama cave	E			
1	K	Shrimp, California freshwater	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Aupaka	E			
1	Q	Aupaka	T			
4	Q	Avens, spreading	E			
1	Q	'Awikiwiki	E			
1	Q	'Awiwi	E			
1	Q	'Awiwi	E			
2	Q	Ayenia, Texas	E			
1	Q	Baccharis, Encinitis	T			
1	Q	Barberry, island	E			
1	Q	Barberry, Truckee	E			
4	Q	Bariaco	E			
5	Q	Beaked-rush, Knieskern's	T			
6	Q	Beardtongue, Penland	E			
4	Q	Beargrass, Britton's	E			
6	Q	Bear-poppy, dwarf	E			
4	Q	Beauty, Harper's	E			
1	Q	Bedstraw, El Dorado	E			
1	Q	Bedstraw, island	E			
4	Q	Bellflower, Brooksville	E			
1	Q	Bidens, cuneate	E			
5	Q	Birch, Virginia round-leaf	T			
1	Q	Bird's beak, palmate-bracted	E			
1	Q	Bird's-beak, Pennell's	E			
1	Q	Bird's-beak, salt marsh	E			
1	Q	Bird's-beak, soft	E			
4	Q	Birds-in-a-nest, white	T			
4	Q	Bittercress, small-anthered	E			
6	Q	Bladderpod, Dudley Bluffs	T			
6	Q	Bladderpod, kodachrome	E			
4	Q	Bladderpod, lyrate	T			
3	Q	Bladderpod, Missouri	E			
1	Q	Bladderpod, San Bernardino Mountains	E			
4	Q	Bladderpod, Spring Creek	E			
2	Q	Bladderpod, white	E			
1	Q	Blazingstar, Ash Meadows	T			
4	Q	Blazingstar, Heller's	T			
4	Q	Blazingstar, scrub	E			
1	Q	Bluecurls, Hidden Lake	T			
1	Q	Bluegrass, Hawaiian	E			
1	Q	Bluegrass, Mann's	E			
1	Q	Bluegrass, Napa	E			
1	Q	Bluegrass, San Bernardino	E			
2	Q	Blue-star, Kearney's	E			
4	Q	Bluet, Roan Mountain	E			
1	Q	Bonamia menziesii (=Sci name)	E			
4	Q	Bonamia, Florida	T			
4	Q	Boxwood, Vahl's	E			
1	Q	Brodiaea, Chinese Camp	T			
1	Q	Broom, San Clemente Island	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Buckwheat, cushenbury	E			
4	Q	Buckwheat, scrub	T			
1	Q	Buckwheat, steamboat	E			
5	Q	Bulrush, Northeastern (=barbed bristle)	E			
3	Q	Bush-clover, prairie	T			
1	Q	Bush-mallow, San Clemente Island	E			
1	Q	Bush-mallow, Santa Cruz Island	E			
6	Q	Buttercup, autumn	E			
1	Q	Butterweed, Layne's	T			
4	Q	Butterwort, Godfrey's	T			
1	Q	Button-celery, San Diego	E			
4	Q	Button, Mohr's Barbara	T			
2	Q	Cactus, Arizona hedgehog	E			
1	Q	Cactus, Bakersfield	E			
2	Q	Cactus, black lace	E			
2	Q	Cactus, Brady pincushion	E			
2	Q	Cactus, bunched cory	T			
2	Q	Cactus, Chisos Mtn. hedgehog	T			
2	Q	Cactus, Cochise pincushion	T			
4	Q	Cactus, Key tree	E			
2	Q	Cactus, Knowlton	E			
2	Q	Cactus, Kuenzler hedgehog	E			
2	Q	Cactus, Lee pincushion	T			
2	Q	Cactus, Lloyd's hedgehog	E			
2	Q	Cactus, Lloyd's Mariposa	T			
2	Q	Cactus, Mesa Verde	T			
2	Q	Cactus, Nellie cory	E			
2	Q	Cactus, Nichol's Turk's head	E			
2	Q	Cactus, Peebles Navajo	E			
2	Q	Cactus, Pima pineapple	E			
6	Q	Cactus, San Rafael	E			
2	Q	Cactus, Siler pincushion	T			
2	Q	Cactus, Sneed pincushion	E			
2	Q	Cactus, star	E			
2	Q	Cactus, Tobusch fishhook	E			
6	Q	Cactus, Unita Basin hookless	T			
6	Q	Cactus, Winkler	T			
6	Q	Cactus, Wright fishhook	E			
4	Q	Calyptranthes thomasiana (=Sci name)	E			
4	Q	Campion, fringed	E			
4	Q	Capa rosa	E			
2	Q	Cat's-eye, Terlingua Creek	E			
1	Q	Ceanothus, coyote (=California-lilac, Coyote)	E			
1	Q	Ceanothus, Pine Hill	E			
1	Q	Centaury, spring-loving	T			
1	Q	Chaff-flower, round-leaved	E			
4	Q	Chaffseed, American	E			
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci)	E			
1	Q	Chamaesyce halemanui (=Sci name)	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	Checker-mallow, Kenwood Marsh	E			
1	Q	Checker-mallow, Nelson's	T			
1	Q	Checker-mallow, pedate	E			
4	Q	Chumbo, higo	T			
4	Q	Chupacallos (=Chupagallo)	E			
5	Q	Cinquefoil, Robbins'	E			
1	Q	Clarkia, Pismo	E			
1	Q	Clarkia, Presidio	E			
1	Q	Clarkia, Springville	T			
1	Q	Clarkia, Vine Hill	E			
2	Q	Cliff-rose, Arizona	E			
1	Q	Clover, Monterey (=Del Monte)	E			
3	Q	Clover, running buffalo	E			
1	Q	Clover, showy Indian	E			
4	Q	Coneflower, smooth	E			
4	Q	Coneflower, Tennessee purple	E			
4	Q	Cordia bellonis	E			
4	Q	Cranichis ricartii (=Sci name)	E			
6	Q	Cress, toad-flax	E			
1	Q	Crownbeard, big-leaved	T			
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	E			
1	Q	Cyanea superba (=Sci name)	E			
1	Q	Cyanea undulata (=Sci name)	E			
2	Q	Cycladenia, Jones	T			
3	Q	Daisy, lakeside	T			
6	Q	Daisy, Maguire	E			
1	Q	Daisy, Parish's	T			
4	Q	Daphnopsis hellerana (=Sci name)	E			
2	Q	Dawn-flower, Texas prairie	E			
1	Q	Delissea rhytidosperra (=Sci name)	E			
1	Q	Delissea undulata (=Sci name)	E			
2	Q	Dogweed, ashy	E			
4	Q	Dropwort, Canby's	E			
1	Q	Dubautia latifolia (=Sci name)	E			
1	Q	Dubautia pauciflorula (=Sci name)	E			
1	Q	Dudleya, Conejo	T			
1	Q	Dudleya, Marcescent	T			
1	Q	Dudleya, Santa Clara Valley	E			
1	Q	Dudleya, Santa Cruz Island	T			
1	Q	Dudleya, Verity's	T			
1	Q	Dudleyea, Santa Monica Mountains	T			
1	Q	Dwarf-flax, Marin	T			
4	Q	Erubia	E			
4	Q	Eugenia woodburyana (=Sci name)	E			
1	Q	Evening-primrose, Antioch Dunes	E			
1	Q	Evening-primrose, Eureka Valley	E			
1	Q	Evening-primrose, San Benito	T			
1	Q	Fiddleneck, Large-flowered	E			
1	Q	Flannelbush, Pine Hill	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Haha	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	E			
1	Q	Ha`iwale	T			
1	Q	Ha`iwale	E			
1	Q	Hala pepe	E			
1	Q	Haplostachys haplostachya (=Sci name)	E			
4	Q	Harebells, Avon Park	E			
5	Q	Harperella	E			
1	Q	Hau kuahiwi	E			
1	Q	Hau kuahiwi	E			
1	Q	Hau kuahiwi, Hualalai	E			
4	Q	Heartleaf, dwarf-flowered	T			
4	Q	Heather, mountain golden	T			
1	Q	Heau	E			
1	Q	Hedyotis degeneri (=Sci name)	E			
1	Q	Hedyotis parvula (=Sci name)	E			
1	Q	Hedyotis, Na Pali beach	E			
1	Q	Hesperomannia arborescens (=Sci name)	E			
1	Q	Hesperomannia arbuscula (=Sci name)	E			
1	Q	Hesperomannia lydgatei (=Sci name)	E			
1	Q	Hibiscus, Clay's	E			
4	Q	Higuero de Sierra	E			
1	Q	Holei	E			
4	Q	Holly, Cook's	E			
6	Q	Howellia, water	T			
4	Q	Hypericum, highlands scrub	E			
4	Q	Ilex sintenisii (=Sci name)	E			
1	Q	Iliau, dwarf	E			
1	Q	Indian paintbrush, San Clemente Island	E			
2	Q	Ipomopsis, Holy Ghost	E			
4	Q	Irisette, white	E			
3	Q	Iris, dwarf lake	T			
1	Q	Ischaemum, Hilo	E			
1	Q	Ivesia, Ash Meadows	T			
4	Q	Jacquemontia, beach	E			
1	Q	Jewelflower, California	E			
1	Q	Jewelflower, Metcalf Canyon	E			
1	Q	Jewelflower, Tiburon	E			
5	Q	Joint-vetch, sensitive	T			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
1	Q	Kamakahala	E			
1	Q	Kamakahala	E			
1	Q	Kamakahala	E			
1	Q	Kauai hau kuahiwi	E			
1	Q	Kauila	E			
1	Q	Kaulu	E			
1	Q	Kio'ele	E			
1	Q	Kiponapona	E			
1	Q	Koki'o (=hau-hele'ula or Hawaii tree cotton)	E			
1	Q	Koki'oke'oke'o	E			
1	Q	Koki'oke'oke'o	E			
1	Q	Koki'o, Cooke's	E			
1	Q	Koki'o, Kaua'i	E			
1	Q	Kolea	E			
1	Q	Kolea	T			
1	Q	Ko'oko'olau	E			
1	Q	Ko'oko'olau	E			
1	Q	Ko'oloa'ula	E			
1	Q	Kuahiwi, laukahi	E			
1	Q	Kuahiwi, laukahi	E			
1	Q	Kuawawaenohu	E			
1	Q	Kula, wahine noho	E			
1	Q	Kulu'i	E			
2	Q	Ladies'-tresses, Canelo Hills (=Madrean)	E			
2	Q	Ladies'-tresses, Navasota	E			
6	Q	Ladies'-tresses, Ute	T			
1	Q	Lagu, Hyan	E			
1	Q	Larkspur, San Clemente Island	E			
1	Q	Lau'ehu	E			
1	Q	Laulihilihi (=Ma'oli'oli)	E			
1	Q	Layia, beach	E			
4	Q	Lead-plant, Crenulate	E			
4	Q	Leather flower, Alabama	E			
4	Q	Leather flower, Morefield's	E			
4	Q	Lepanthes eltoroensis (=Sci name)	E			
4	Q	Leptocereus grantianus (=Sci name)	E			
1	Q	Lessingia, San Francisco	E			
1	Q	Liliwai	E			
3	Q	Lily, Minnesota trout	E			
1	Q	Lily, Pitkin Marsh	E			
1	Q	Lily, Western	E			
1	Q	Lipochaeta venosa (=Sci name)	E			
1	Q	Liveforever, Santa Barbara Island	E			
1	Q	Lobelia gaudichaudii ssp. koalauensis, (=Sci. nam	E			
1	Q	Lobelia monostachya (=Sci. name)	E			
1	Q	Lobelia niihauensis (=Sci name)	E			
1	Q	Lobelia oahuensis (=Sci name)	E			
3	Q	Locoweed, Fassett's	T			
1	Q	Lomatium, Bradshaw's	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
4	Q	Loosestrife, rough-leaved	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
1	Q	Loulu	E			
5	Q	Lousewort, Furbish	E			
1	Q	Love grass, Fosberg's	E			
1	Q	Lupine, clover	E			
4	Q	Lupine, scrub	E			
4	Q	Lyonia truncata var. proctorii (=Sci name)	E			
1	Q	Lysimachia filifolia (=Sci name)	E			
1	Q	Lysimachia lydgatei (=Sci name)	E			
1	Q	Lysimachia maxima (=ternifolia) (=Sci. name)	E			
1	Q	Ma' aloa, Big Island	E			
1	Q	Mahoe	E			
1	Q	Makou	T			
1	Q	Malacothrix, island	E			
1	Q	Mallow, Kern	E			
5	Q	Mallow, Peter's Mountain	E			
1	Q	Malocothrix, Santa Cruz Island	E			
4	Q	Manaca, palma de	T			
2	Q	Manioc, Walker's	E			
1	Q	Manzanita, Del Mar (=Costa Baja, =Eastwood's)	E			
1	Q	Manzanita, Morro	T			
1	Q	Manzanita, pallid	T			
1	Q	Manzanita, Presido (=Raven's)	E			
1	Q	Manzanita, Santa Rosa Island	E			
1	Q	Ma' ohau hele (=biscus, native yellow)	E			
1	Q	Ma' oli' oli	E			
1	Q	Ma' oli' oli	E			
1	Q	Mapele	E			
1	Q	Mariposa lily, Tiburon	T			
1	Q	Mariscus fauriei (=Sci name)	E			
1	Q	Mariscus pennatifomis (=Sci name)	E			
1	Q	Meadowfoam, Butte County	E			
1	Q	Meadowfoam, Sebastopol	E			
4	Q	Meadowrue, Cooley's	E			
1	Q	Mehamehame	E			
1	Q	Mesa-mint, Otay	E			
1	Q	Mesa-mint, San Diego	E			
4	Q	Milkpea, Small's	E			
1	Q	Milk-vetch, Applegate's	E			
1	Q	Milk-vetch, Ash meadows	T			
1	Q	Milk-vetch, Braunton's	E			
1	Q	Milk-vetch, Clara Hunt's	E			
1	Q	Milk-vetch, coastal dunes	E			
1	Q	Milk-vetch, Cushenbury	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
6	Q	Milk-vetch, heliotrope	T			
5	Q	Milk-vetch, Jesup's	E			
2	Q	Milk-vetch, Mancos	E			
6	Q	Milk-vetch, Osterhout	E			
2	Q	Milk-vetch, Sentry	E			
3	Q	Milkweed, Mead's	T			
6	Q	Milkweed, Welsh's	T			
4	Q	Mint, Garrett's (=scrub, in part)	E			
4	Q	Mint, Lakela's	E			
4	Q	Mint, longspurred	E			
4	Q	Mint, scrub	E			
4	Q	Mitracarpus maxwelliae (=Sci name)	E			
4	Q	Mitracarpus polycladus (=Sci name)	E			
3	Q	Monkey-flower, Michigan	E			
3	Q	Monkshood, northern wild	T			
1	Q	Morning-glory, Stebbins'	E			
1	Q	Mountain balm, Indian Knob	E			
1	Q	Mountain-mahogany, Catalina Island	E			
1	Q	Munroidendron racemosum (=Sci name)	E			
4	Q	Mustard, Carter's	E			
6	Q	Mustard, Penland alpine fen	T			
1	Q	Mustard, slender-petaled	E			
4	Q	Myrcia paganii (=Sci name)	E			
1	Q	Na'ena'e	E			
1	Q	Nani wai'ale'ale	E			
1	Q	Nanu	E			
1	Q	Naupaka, dwarf	E			
1	Q	Navarretia, few-flowered	E			
1	Q	Navarretia, many-flowered	E			
4	Q	Negra, cobana	T			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Nehe	E			
1	Q	Neraudia angulata (=Sci name)	E			
1	Q	Neraudia sericea (=Sci name)	E			
1	Q	Nioi	E			
1	Q	Niterwort, Amargosa	E			
1	Q	Nohoanu	E			
2	Q	Oak, Hinckley	T			
1	Q	'Oha	E			
1	Q	'Oha	E			
1	Q	'Oha wai	E			
1	Q	'Oha wai	E			
1	Q	'Oha wai	E			
1	Q	'Oha wai	E			
1	Q	'Oha wai	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
1	Q	'Oha wai	E			
1	Q	'Ohai	E			
1	Q	'Ohe 'ohe	E			
1	Q	'Olulu	E			
1	Q	Opuhe	E			
3	Q	Orchid, eastern prairie fringed	T			
3	Q	Orchid, western prairie fringed	T			9,000
1	Q	Orcutt grass, Greene's	E			
1	Q	Orcutt grass, hairy (=pilose)	E			
1	Q	Orcutt grass, Sacramento	E			
1	Q	Orcutt grass, San Joaquin	T			
1	Q	Orcutt grass, slender	T			
1	Q	Owl's-clover, fleshy	T			
1	Q	Oxytheca, cushenbury	E			
1	Q	Paintbrush, ash-grey	T			
1	Q	Paintbrush, golden	T			
1	Q	Paintbrush, soft-leaved	E			
1	Q	Paintbrush, Tiburon	E			
4	Q	Palo colorado	E			
4	Q	Palo de jazmin	E			
4	Q	Palo de Nigua	E			
4	Q	Palo de Ramon	E			
1	Q	Pamakani	E			
1	Q	Pamakani	E			
1	Q	Panicgrass, Carter's	E			
1	Q	Pau'ala	E			
4	Q	Pawpaw, beautiful	E			
4	Q	Pawpaw, four-petal	E			
4	Q	Pawpaw, Rugel's	E			
4	Q	Pelos del diablo	E			
2	Q	Pennyroyal, Todsens	E			
6	Q	Penstemon, blowout	E			9,000
1	Q	Pentachaeta, Lyon's	E			
1	Q	Pentachaeta, white-rayed	E			
4	Q	Peperomia, Wheeler's	E			
6	Q	Phacelia, clay	E			
1	Q	Phacelia, island	E			
6	Q	Phacelia, North Park	E			
2	Q	Phlox, Texas trailing	E			
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	E			
1	Q	Phyllostegia hirsuta (=Sci. name)	E			
1	Q	Phyllostegia kaalaensis (=Sci. name)	E			
1	Q	Phyllostegia knudsenii , (=Sci. name)	E			
1	Q	Phyllostegia mannii (=Sci name)	E			
1	Q	Phyllostegia mollis (=Sci name)	E			
1	Q	Phyllostegia parviflora (=Sci. name)	E			
1	Q	Phyllostegia velutina (=Sci. name)	E			
1	Q	Phyllostegia waimeae (=Sci name)	E			
1	Q	Phyllostegia warshaueri (=Sci. name)	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
1	Q	Phyllostegia wawrana , (=Sci. name)	E			
1	Q	Pilo	E			
4	Q	Pinkroot, gentian	E			
5	Q	Pink, swamp	T			5,448
1	Q	Piperia, Yadon's	E			
2	Q	Pitaya, Davis' green	E			
4	Q	Pitcher-plant, Alabama canebrake	E			
4	Q	Pitcher-plant, green	E			
4	Q	Pitcher-plant, mountain sweet	E			
1	Q	Platanthera holochila (=Sci. name)	E			
4	Q	Plum, scrub	E			
1	Q	Poa siphonoglossa (=Sci name)	E			
1	Q	Po'e	E			
5	Q	Pogonia, small whorled	T			
4	Q	Polygala, Lewton's	E			
4	Q	Polygala, tiny	E			
4	Q	Pondberry	E			
2	Q	Pondweed, Little Aguja Creek	E			
1	Q	Popolo, ku mai (=Popolo, thorny)	E			
2	Q	Poppy-mallow, Texas	E			
2	Q	Poppy, Sacramento prickly	E			
4	Q	Potato-bean, Price's	T			
1	Q	Potentilla, Hickman's	E			
4	Q	Prairie-clover, leafy	E			
4	Q	Prickly-apple, fragrant	E			
4	Q	Prickly-ash, St. Thomas	E			
6	Q	Primrose, Maguire	T			
1	Q	Pritchardia remota (=Sci name)	E			
1	Q	Pussypaws, Mariposa	T			
1	Q	Pu'uka'a	E			
4	Q	Rattleweed, hairy	E			
6	Q	Reed-mustard, Barneby	E			
6	Q	Reed-mustard, clay	T			
1	Q	Remya kauaiensis (=Sci name)	E			
1	Q	Remya montgomeryi (=Sci name)	E			
1	Q	Remya, Maui	E			
4	Q	Rhododendron, Chapman	E			
6	Q	Ridge-cress (=pepper-cress), Barneby	E			
4	Q	Rock-cress	E			
1	Q	Rock-cress, Hoffmann's	E			
1	Q	Rock-cress, McDonald's	E			
1	Q	Rockcress, Santa Cruz Island	E			
5	Q	Rock-cress, shale barren	E			
1	Q	Rollandia crispa (=Sci name)	E			
4	Q	Rosa, palo de	E			
4	Q	Rosemary, Apalachicola	E			
4	Q	Rosemary, Cumberland	T			
4	Q	Rosemary, Etonia	E			
4	Q	Rosemary, short-leaved	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	General	Lands	Grand Total
3	Q	Roseroot, Leedy's	T			
2	Q	Rush-pea, slender	E			
1	Q	Rush-rose, island	T			
1	Q	Sandalwood, Lanai or 'iliahi	E			
1	Q	Sandbur, agrimony or Kamanomano	E			
4	Q	Sandlace	E			
2	Q	Sand-verbena, large-fruited	E			
1	Q	Sandwort, Bear Valley	T			
4	Q	Sandwort, Cumberland	E			
1	Q	Sandwort, Marsh	E			
1	Q	Sanicula mariversa (=Sci name)	E			
1	Q	Sanicula purpurea (=Sci. name)	E			
1	Q	Schiedea haleakalensis (=Sci name)	E			
1	Q	Schiedea helleri , (=Sci. name)	E			
1	Q	Schiedea hookeri (=Sci. name)	E			
1	Q	Schiedea kaalae (=Sci name)	E			
1	Q	Schiedea kauaiensis (=Sci. name)	E			
1	Q	Schiedea lydgatei (=Sci name)	E			
1	Q	Schiedea membranacea , (=Sci. name)	E			
1	Q	Schiedea nuttallii (=Sci. name)	E			
1	Q	Schiedea sarmentosa (=Sci. name)	E			
1	Q	Schiedea spergulina var. leiopoda (=Sci name)	E			
1	Q	Schiedea spergulina var. spergulina (=Sci name)	T			
1	Q	Schiedea verticillata (=Sci name)	E			
1	Q	Schiedea, Diamond Head	E			
4	Q	Schoepfia arenaria (=Sci name)	T			
1	Q	Seablite, California	E			
2	Q	Sedge, Navajo	T			
1	Q	Sedge, white	E			
1	Q	Silene alexandri (=Sci name)	E			
1	Q	Silene hawaiiensis (=Sci name)	T			
1	Q	Silene lanceolata (=Sci name)	E			
1	Q	Silene perlmanii (=Sci name)	E			
1	Q	Silversword, 'Ahinahina Mauna Kea	E			
1	Q	Silversword, Haleakala ('ahinahina)	E			
1	Q	Silversword, Ka'u	E			
4	Q	Skullcap, Florida	T			
4	Q	Skullcap, large-flowered	E			
4	Q	Snakeroot	E			
2	Q	Snowbells, Texas	E			
1	Q	Spermolepis hawaiiensis (=Sci name)	E			
1	Q	Spineflower, Ben Lomond	E			
1	Q	Spineflower, Howell's	E			
1	Q	Spineflower, Monterey	T			
1	Q	Spineflower, Orcutt's	E			
1	Q	Spineflower, Robust (incl. Scotts Valley)	E			
1	Q	Spineflower, slender-horned	E			
1	Q	Spineflower, Sonoma	E			
5	Q	Spiraea, Virginia	T			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
4	Q	Spurge, deltoid	E			
4	Q	Spurge, Garber's	T			
1	Q	Spurge, Hoover's	T			
4	Q	Spurge, telephus	T			
1	Q	Stenogyne angustifolia (=Sci name)	E			
1	Q	Stenogyne bifida (=Sci name)	E			
1	Q	Stenogyne campanulata (=Sci name)	E			
1	Q	Stenogyne kanehoana (=Sci name)	E			
1	Q	Stonecrop, Lake County	E			
4	Q	Sumac, Michaux's	E			
1	Q	Sunburst, Hartweg's golden	E			
1	Q	Sunburst, San Joaquin adobe	T			
4	Q	Sunflower, Eggert's	T			
1	Q	Sunflower, San Mateo woolly	E			
4	Q	Sunflower, Schweinitz's	E			
1	Q	Sunray, Ash Meadows	T			
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	E			
1	Q	Taraxacum, California	E			
4	Q	Ternstroemia subsessilis (=Sci name)	E			
1	Q	Tetramolopium rockii (=Sci name)	T			
1	Q	Tetramolopium arenarium (=Sci name)	E			
1	Q	Tetramolopium filiforme (=Sci name)	E			
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci	E			
1	Q	Tetramolopium remyi (=Sci name)	E			
1	Q	Thistle, Chorro Creek	E			
1	Q	Thistle, fountain	E			
1	Q	Thistle, Loch Lomond coyote	E			
3	Q	Thistle, Pitcher's	T			
2	Q	Thistle, Sacramento Mountains	T			
1	Q	Thistle, Suisun	E			
1	Q	Thornmint, San Mateo	E			
6	Q	Townsendia, Last Chance	T			
4	Q	Tree, pygmy fringe	E			
1	Q	Trematolobelia singularis (=Sci. name)	E			
4	Q	Trillium, persistent	E			
4	Q	Trillium, relict	E			
6	Q	Twinpod, Dudley Bluffs	T			
1	Q	Uhuihi	E			
4	Q	Uvillo	E			
4	Q	Vernonia proctorii (=Sci name)	E			
1	Q	Vervain, Red Hills	T			
1	Q	Vetch, Hawaiian	E			
1	Q	Vigna o-wahuensis (=Sci name)	E			
1	Q	Viola helenae (=Sci name)	E			
1	Q	Viola lanaiensis (=Sci name)	E			
1	Q	Viola oahuensis (=Sci. Name)	E			
1	Q	Wahane (=Hawane or Ioulu)	E			
1	Q	Wallflower, Ben Lomond	E			
1	Q	Wallflower, Contra Costa	E			

AMOUNTS IN THOUSANDS OF \$\$\$

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
1	Q	Wallflower, Menzies'	E			
4	Q	Walnut, West Indian or nogal	E			
4	Q	Warea, wide-leaf	E			
1	Q	Watercress, Gambel's	E			
4	Q	Water-plantain, Kral's	T			
2	Q	Water-umbel, Huachuca	E			
4	Q	Water-willow, Cooley's	E			
4	Q	Whitlow-wort, papery	T			
6	Q	Wild-buckwheat, clay-loving	E			
2	Q	Wild-buckwheat, gypsum	T			
1	Q	Wild-buckwheat, southern mountain	T			
2	Q	Wild-rice, Texas	E			
4	Q	Wings, Pigeon	T			
1	Q	Wire-lettuce, Malheur	E			
4	Q	Wireweed	E			
1	Q	Woodland-star, San Clemente Island	E			
1	Q	Woolly-star, Hoover's	T			
1	Q	Woolly-star, Santa Ana River	E			
1	Q	Wooly-threads, San Joaquin	E			
1	Q	Xylosma crenatum (=Sci name)	E			
4	Q	Ziziphus, florida	E			
1	R	Cypress, Gowen	T			
1	R	Cypress, Santa Cruz	E			
4	R	Torreya, Florida	E			
4	S	Adiantum vivesii (=Sci name)	E			
1	S	Asplenium fragile var. insulare (=Sci name)	E			
1	S	Diellia falcata (=Sci name)	E			
1	S	Diellia pallida (=laciniata) (=Sci name)	E			
1	S	Diellia unisora (=Sci name)	E			
1	S	Diellia, asplenium-leaved	E			
1	S	Diplazium molokaiense (=Sci name)	E			
4	S	Elaphoglossum serpens (=Sci name)	E			
4	S	Fern, Alabama streak-sorus	T			
7	S	Fern, Aleutian shield	E			
4	S	Fern, American hart's-tongue	T			
4	S	Fern, Elfin tree	E			
1	S	Fern, pendant kihi	E			
1	S	Ihi'ihii	E			
1	S	Pauoa	E			
4	S	Polystichum calderonense (=Sci name)	E			
1	S	Pteris lidgatei (=Sci name)	E			
4	S	Quillwort, black spored	E			
4	S	Quillwort, Louisiana	E			
4	S	Quillwort, mat-forming	E			
4	S	Tectaria estremerana (=Sci name)	E			
4	S	Thelypteris inabonensis (=Sci name)	E			
4	S	Thelypteris verecunda (=Sci name)	E			
4	S	Thelypteris yaucoensis (=Sci name)	E			
1	S	Wawae'iole	E			

Lead Reg.	Group	Inverted Common Name	Status	AMOUNTS IN THOUSANDS OF \$\$\$		
				General	Lands	Grand Total
1	S	Wawa'iole	E			
4	U	Cladonia, Florida perforate	E			
4	U	Lichen, rock gnome	E			
						425,056

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, DC 20426

OFFICE OF THE CHAIRMAN

June 4, 1999

The Honorable Jamie Rappaport Clark
Director
Fish and Wildlife Service
U.S. Department of the Interior
Washington, D.C. 20240

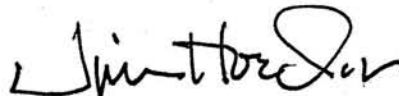
Dear Ms. Clark:

I am pleased to respond to your letter received April 15, 1999, requesting information about the Commission's Fiscal Year 1998 expenditures related to the conservation of endangered and threatened species.

The enclosed lists, which the Commission staff prepared, identify the endangered and threatened species and associated Commission expenditures. This represents the combined activities of the Offices of Hydropower Licensing and Pipeline Regulation for Fiscal Year 1998. Finally, the expenditures for each species (shown in thousands of dollars) include both salaries and related benefits. A diskette in Lotus 1-2-3 spreadsheet format is enclosed for your convenience.

I hope this information is helpful. If I can be of further assistance in this or any other Commission matter, please let me know.

Sincerely,



James J. Hoecker
Chairman

Enclosures

**Federal Energy Regulatory Commission Expenditures For Endangered and Threatened
Plant Species For Fiscal Year 1998**

Inverted Common Name	Expenditures	(Actual Dollar Amounts Reported)
Amphianthus	little	36
Aster	decurrent false	57
Birch	Virginia round-leaf	57
Bladderpod	San Bernardino Mountains	47
Buckwheat	cushenbury	47
Bush-clover	prairie	133
Checker-mallow	Nelson's	76
Coneflower	smooth	129
Daisy	lakeside	57
Daisy	Parish's	47
Heartleaf	dwarf-flowered	36
Howellia	water	76
Ladies'-tresses	Ute	254
Milk-vetch	Cushenbury	47
Milkweed	Mead's	541
Monkshood	northern wild	439
Orchid	eastern prairie fringed	587
Orchid	western prairie fringed	1042
Oxytheca	cushenbury	47
Paintbrush	golden	191
Pogonia	small whorled	1328
Prairie-clover	leafy	300
Sunflower	Schweinitz's	36
Water-willow	Cooley's	187
Fern	American hart's-tongue	35
	Total Expenditures	\$5,830

**Federal Energy Regulatory Commission Expenditures For Endangered and Threatened
Species Other Than Plants For Fiscal Year 1998**

	Inverted Common Name	Expenditures *
Bat	gray	94
Bat	Indiana	3514
Bear	grizzly	249
Bear	Louisiana black	40
Ferret	black-footed	86
Manatee	West Indian (=Florida)	284
Mouse	Preble's meadow jumping	86
Sea-lion	Steller	181
Sheep	bighorn (Peninsular Ranges pop. in CA)	373
Squirrel	Carolina northern flying	93
Whale	humpback	72
Wolf	gray	2010
Blackbird	yellow-shouldered	187
Crane	whooping	6465
Curlew	Eskimo	600
Eagle	bald	26459
Falcon	American peregrine	7265
Flycatcher	southwestern willow	709
Goose	Aleutian Canada	72
Goose	Hawaiian (=nene)	187
Murrelet	marbled	1298
Owl	northern spotted	2027
Plover	piping	2545
Stork	wood	163
Tern	least	1933
Vireo	least Bell's	72
Woodpecker	red-cockaded	336
Lizard	Coachella Valley fringe-toed	93
Snake	copperbelly water (northern pop.)	159
Snake	eastern indigo	191
Snake	giant garter	76
Tortoise	desert	1133
Tortoise	gopher	191
Turtle	bog (=Muhlenberg)	46
Turtle	flattened musk	187
Turtle	leatherback sea	37
Turtle	loggerhead sea	37
Frog	California red-legged	7121
Toad	Arroyo southwestern	600
Chub	Oregon	544
Chub	slender	57
Chub	spotfin (=turquoise shiner)	57

5/17/99

*Actual Dollar Amounts Reported

**Federal Energy Regulatory Commission Expenditures For Endangered and Threatened
Species Other Than Plants For Fiscal Year 1998**

Darter	amber	37
Darter	leopard	37
Madtom	yellowfin	57
Pupfish	desert	187
Salmon	chinook	1791
Salmon	chinook	136
Salmon	chinook	136
Salmon	coho	1335
Salmon	sockeye (=red Snake R.)	812
Shiner	blue	37
Smelt	delta	4311
Steelhead	Central Valley CA	558
Steelhead	Lower Columbia R.	728
Steelhead	Snake R. Basin	579
Steelhead	Upper Columbia R. Basin	170
Sturgeon	pallid	145
Sturgeon	shortnose	4038
Sucker	Modoc	373
Sucker	razorback	273
Sucker	shortnose	373
Trout	bull (Columbia R. pop.)	4292
Trout	greenback cutthroat	558
Bankclimber (mussel)	purple	815
Bean	purple (=Fine-rayed purple pearly mussel)	57
Clubshell		400
Combshell	Cumberlandian	37
Elktoe	Appalachian	37
Heelsplitter	inflated	140
Lampmussel	Alabama (=Pearly mussel	37
Moccasinshell	Gulf	815
Mussel	dwarf wedge	371
Pearlymussel	birdwing	57
Pearlymussel	Cumberland monkeyface	57
Pearlymussel	Higgins' eye	57
Pearlymussel	little-wing	57
Pearlymussel	purple cat's paw	400
Pigtoe	fine-rayed	57
Pigtoe	shiny	57
Pigtoe	southern	57
Pocketbook (mussel)	shinyrayed	373
Rabbitsfoot	rough	57
Riffleshell	northern	382
Riffleshell	tan	57
Limpet	Banbury Springs	196

**Federal Energy Regulatory Commission Expenditures For Endangered and Threatened
Species Other Than Plants For Fiscal Year 1998**

Snail	Bliss Rapids	196
Snail	Iowa Pleistocene	57
Snail	Snake River physa	264
Snail	Utah valvata	264
Springsnail	Idaho	264
Beetle	American burying (=giant carrion)	182
Beetle	Puritan tiger	165
Beetle	valley elderberry longhorn	4192
Butterfly	Karner blue	3429
Dragonfly	Hine's (=Ohio) emerald	142
Crayfish	Shasta (=placid)	1739
Fairy shrimp	vernal pool	76
	Total Expenditures *	\$104,433

** Actual Dollar Amounts Reported*



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

May 28, 1999

Ms. Jamie Rappaport Clark, Director
Fish and Wildlife Service
U.S. Department of the Interior
Washington, DC 20240

Dear Ms. Clark:

This is in response to your letter of March 31, 1999 (reference FWS/TE), requesting reasonably identifiable Federal expenditures for the conservation of threatened and endangered species to be included in your annual report to Congress.

Summarized NRC expenditures in FY 1998 in support of the conservation of threatened and endangered species were:

•	Specie Expenditures:	
	- Green Sea Turtle	\$2,370
	- Hawksbill Sea Turtle	2,370
	- Kemp's Ridley Sea Turtle	2,370
	- Leatherback Sea Turtle	2,370
	- Loggerhead Sea Turtle	2,370
	- Sturgeon, shortnose	5,900
	- Razor Back Sucker	19,441
	- Colorado Squawfish	19,441
	- Bonytail Chub	19,441
	- Humpback Chub	19,441
	- Ute Ladies' Tresses (an orchid-Spiranthes diluvials)	1,044
	- Black-footed Ferret	<u>544</u>
•	Total NRC Expenditures	\$ 97,000*

*Number rounded

Questions concerning these expenditures may be directed to Mr. Tom Heavey,
(301) 415-6028, E-mail TJH@NRC.GOV.

Sincerely,

Richard R. Rough, Director
Division of Planning, Budget, and Analysis
Office of the Chief Financial Officer



Smithsonian Institution

Office of the Secretary

September 3, 1999

Ms. Jamie Rappaport Clark
Director
United States Fish and Wildlife Service
Department of the Interior
Washington, D. C. 20240

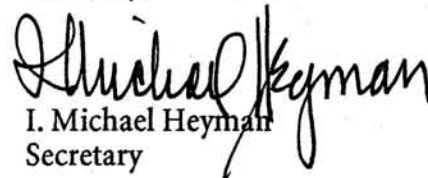
Dear Ms. Clark:

As required by the Endangered Species Act Amendments of 1988, I am pleased to provide the Smithsonian Institution's annual submission to Congress of all reasonably-identifiable Federal expenditures made in the conservation of endangered or threatened species.

While not a Federal agency, the Smithsonian Institution does expend appropriated funds aimed primarily at the conservation of endangered or threatened species consistent with the requirements of the Endangered Species Act. As a general procedure, the Smithsonian does not maintain Institution-wide information on endangered species projects on a species-by-species basis. However, as in our previous reports to the U. S. Fish and Wildlife Service, we are enclosing findings on Fiscal Year 1998 Federal expenditures by the National Zoological Park, the Smithsonian unit with the largest proportion of budget outlays aimed at species conservation.

I hope this information will be of assistance.

Sincerely,


I. Michael Heyman
Secretary

Enclosure

FEDERAL MONEY SPENT ON ENDANGERED SPECIES FY1998 NATIONAL ZOO

Parameters used:

- no captive breeding/housing/education costs included unless specifically part of a Recovery Plan/field work for conservation
- field research included only if part of conservation (i.e., efforts to assist lead agencies in their conservation efforts)
- two salary levels used: senior (curator, veterinary, etc.) @ \$80,000 and keeper/tech @ \$30,000; these are rough averages
- average administrative costs (permits, support, etc.) @ \$1,000
- "supplies" includes animal feed, medications, etc. for captive program
- cost of lab supplies not included unless easily identifiable
- no costs included if money came from grants, Federal Agencies, or other outside sources

CHEETAH (health & repro. research)	3% of \$80K x 4, 100% of \$30K..	\$39,600
DEER, ELD'S (" " ")	8% of \$80K, 5% of \$80K x 3, 50% of \$30K x 2, \$1K admin.....	\$49,400
ELEPHANT, AFRICAN (field research)	25% of \$80K, .5% of \$80K, \$1K admin.....	\$21,400
ELEPHANT, ASIAN (field research)	15% of \$80K x 2, 8% of \$80K, 5% of \$80K, 3% of \$80K, 1% of \$30K, \$1K lab supplies, \$1K admin.	\$39,100
FERRET, BLACK-FOOTED (Recovery & captive)	20% of \$80K, 10% of \$80K, 5% of \$80K, 100% of \$30K, \$20K supplies, \$1K admin	\$79,000
FOX, SAN JOAQUIN (Recovery)	40% of \$80K, 5% of \$80, 8% of \$30, \$2K lab supplies.....	\$40,400
KANGAROO RAT, GIANT (Recovery & field research)	5% of \$80K, 2% of \$80K.....	\$5,600
MACAQUE, TOQUE (field research)	8% of \$30K, \$1K admin.....	\$3,400
OTTER, SOUTHERN SEA (Recovery)	5% of \$80K	\$4,000
PANDA, GIANT (conservation)	10% of \$80K x 2.....	\$16,000
PANTHER, FLORIDA (repro. & pop. research)	5% of \$80K, 2% of \$80K, 1% of \$80K.....	\$6,400
SEAL, HAWAIIN MONK (Recovery)	10% of \$80K, 5% of \$80K.....	\$12,000
SQUIRREL, DELMARVA FOX (Recovery)	15% of \$80K, 2% of \$80K, 1% of \$80K, 2% of \$30K, \$2K lab supplies.	\$17,000
OTHER END/TH MARINE MAMMALS (Recovery)	10% of \$80K.....	\$8,000
TAMARIN, GOLDEN LION (field & captive)	20% of \$80K x 2, 5% of \$80K x2, 4% of \$80K, 1% of \$80K, 10% of \$30K, 4% of 30K, \$2K supplies, \$4K lab supplies, \$1K admin.....	\$59,200
TIGER (field research)	25% of \$80K.....	\$20,000
WOLF, RED (captive for Recovery)	2% of \$80K, 25% of \$30K, \$3K supplies.....	\$12,100

SUBTOTAL FOR MAMMALS \$432,600

CONDOR, CALIFORNIA (Recovery) 1% of \$80K..... \$800
Surrogate Hawaiian birds (captive) 20% of \$80K, 50% of \$30K, \$4K
supplies.....\$35,000
CROW, HAWAIIAN (Recovery) 10% of \$80K, 4% of \$80K, 1% of \$30K,
\$3K lab supplies.....\$14,500
CROW, MARIANA (captive for Recovery) 3% of \$80K, 1% of \$80K,
15% of \$30K. \$7,700
FINCH, LAYSAN (Recovery) 1% of \$80 \$800
GOOSE, HAWAIIAN (Recovery) 1% of \$80K, \$1K lab supplies.....\$1,800
KINGFISHER, GUAM (captive for Recovery) 5% of \$80K, 30% of \$30K,
\$1K supplies.....\$14,000
RAIL, GUAM (Recovery & captive) 5% of \$80K, 30% of \$30K, \$2K
supplies.....\$15,000
SPARROW, CAPE SABLE SEASIDE (advisory recovery) 2% of \$80K..... ..\$1,600
STARLING, ROTHSCHILD'S (conservation) 8% of \$80K \$6,400
WARBLER, GOLDEN CHEEKED (field research) 20% of \$80K \$16,000

SUBTOTAL FOR BIRDS \$113,600

TORTOISE, DESERT (field & captive), 60% of \$80K, 15% of 80K
50% of \$30K, \$2K admin.....\$92,000

SUBTOTAL FOR REPTILES \$92,000

GRAND TOTAL \$638,200

April 26, 2000

Ms. Jamie Rappaport Clark, Director
U.S. Fish and Wildlife Service
Washington, D.C. 20240

Dear Director Clark

FISCAL YEAR 1998 EXPENDITURES FOR CONSERVATION OF ENDANGERED
OR THREATENED SPECIES - FWS/AES/TE

Enclosed is a summary of TVA expenditures for fiscal year 1998 in support of the conservation of endangered and threatened species.

TVA conducted activities associated with 24 federally listed species. None of these expenditures were for land acquisition. We appreciate the continued cooperation of Fish and Wildlife Service staff and management in aiding our planning and providing the permits and permissions necessary to perform these activities.

If you have further questions regarding the scope or content of these activities, please contact Charles P. Nicholson, Endangered Species Specialist, Tennessee Valley Authority, 400 West Summit Hill Drive, WT 8C, Knoxville, Tennessee 37902. His telephone number is (865) 632-3582 and his email address is cpnicholson@tva.gov.

Sincerely,

Katherine J. Jackson
Executive Vice President
River Systems Operations and Environment

Enclosure

CPN:

cc: Ruben O. Hernandez, NRB 1A-N
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EXPENDITURES RELATED TO THE CONSERVATION
OF ENDANGERED OR THREATENED SPECIES
FISCAL YEAR 1998
TENNESSEE VALLEY AUTHORITY

Species	Amount (thousands)
Bat, gray	11.5
Bat, Indiana	4.0
Eagle, bald	15.5
Chub, spotfin	0.2
Darter, boulder(=Elk River)	6.0
Darter, duskytail	0.5
Darter, snail	13.0
Madtom, smoky	0.5
Madtom, yellowfin	0.5
Bean, purple(=Fine-rayed purple pearly mussel)	1.0
Combshell, Cumberlandian	1.0
Mussel, oyster	1.0
Mussel, ring pink (=golf stick pearly)	1.0
Pearlymussel, birdwing	1.0
Pearlymussel, Cumberland bean	1.0
Pearlymussel, orange-footed pimpleback	1.0
Pearlymussel, pink mucket	1.0
Riffleshell, tan	1.0
Spider, spruce-fir moss	1.0
Aster, Ruth's golden	8.0
Potato-bean, Price's	3.0
Prairie-clover, leafy	4.0
Skullcap, large-flowered	10.0
Sunflower, Eggert's	0.5
Total	87.2