

U.S. Fish & Wildlife Service

# Federal and State Endangered and Threatened Species Expenditures

*Fiscal Year 1999*



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## EXECUTIVE SUMMARY

### What is the purpose of this report?

Section 18 of the Endangered Species Act (Act) of 1973 requires the Secretary of the Interior (working through the Fish and Wildlife Service) to annually report certain expenditures for the conservation of threatened and endangered species. Due to delays in data collections, this report presents the reported expenditures for Fiscal Year 1999 (October 1998 - September 1999).

### What expenditures are reported?

In the past and for this report, only those expenditures that are reasonably identifiable for a specific listed species have been reported. All Federal agencies and those States receiving section 6 grant-in-aid funds pursuant to the Act are asked to report. Since only a few foreign species are receiving funding from U.S. governmental agencies, we restrict these annual reports to a discussion concerning listed U.S. species. Beginning with the FY 2001 report, we will seek to more fully identify other Act-related expenditures.

Expenditures are identified by species and reported separately for the Service, the States, and in aggregate for all other reporting Federal agencies. The Service and 19 other Federal agencies identified expenditures for the conservation of individual threatened and endangered species. Two additional Federal agencies responded that their expenditures were not reasonably identifiable to species. We included responses from all Federal agencies in Appendix A.

### What expenditures are not included?

The reporting Federal and State agencies made a good faith effort to develop species-by-species expenditures for this report. However, a significant portion of threatened and endangered species conservation activities includes law enforcement, consultation, recovery coordination, and other actions that are not easily or reasonably identified to species. Accounting procedures by all agencies for most staff salaries, operations, maintenance, and other support services are not recorded to species and are not reflected in the reported expenditures in this and past reports. These costs should be generally included in the FY 2001 and subsequent reports.

### What are the expenditures reported for FY 1999?

- C Total expenditures reported: \$514,061,461 (\$76,979,004 for land acquisition--Table 3; \$437,082,457 for all other expenditures--Table 1)
- C Percent of threatened and endangered species with expenditures reported: 96.8
- C The median and maximum general (non-land) expenditure for species with at least \$100 reported expenditures:
  - Median - \$16,150
  - Maximum species total - \$57,050,270
- C The range of general (non-land) expenditures: \$0 to \$57,050,270 (Table 2)
- C Number of species with 50 percent of expenditures: 8 species (0.7 percent of the ESA List) (Table 2)
- C Number of species with 90 percent of expenditures: 82 species (6.8 percent of the ESA List) (Table 2)

### How does the 1999 expenditure report compare to other years?

Due to differences in reporting methods, this report cannot be easily compared to prior expenditure reports. These year-to-year differences include changes in the number of States reporting, changes in how expenditures are calculated, changes in the agencies' ability to track expenditures, and changes in the number of listed species. Therefore, real dollar increases or decreases cannot be accurately calculated or inferred from the overall or individual totals.

Taking into account the limits of this reporting system and excluding land acquisition expenditures, the 1999 reported expenditures increased by approximately \$54.43 million from the FY 1998 report, an increase of 14 percent. Of the increase in reported expenditures since FY 1998, the States reported \$75.57 million more than the previous year, while the Federal agencies reported a decrease of \$21.14 million. For an additional comparison of the FY 1999 report to previous years, see the "Summary of Figures" table on page 7.

## **ENDANGERED SPECIES EXPENDITURES FISCAL YEAR 1999**

### **PURPOSE**

The Endangered Species Act of 1973 (16 U.S.C. 1531 *et seq.*) (Act) was reauthorized and amended on October 7, 1988, under Public Law 100-478. A new section 18 was added to the Act that requires the Fish and Wildlife Service (Service) on behalf of the Secretary of the Interior to report on certain expenditures on a species-by-species basis. The section reads:

SEC. 18. On or before January 15, 1990, and each January 15 thereafter, the Secretary of the Interior, acting through the Fish and Wildlife Service, shall submit to the Congress an annual report covering the preceding fiscal year which shall contain

(1) the accounting on a species-by-species basis of all reasonably identifiable Federal expenditures made primarily for the conservation of endangered or threatened species pursuant to this Act; and

(2) an accounting on a species-by-species basis of all reasonably identifiable expenditures made primarily for the conservation of endangered or threatened species pursuant to this Act by States receiving grants under section 6.

This document constitutes the eleventh report by the Service pursuant to the requirements of section 18 of the Act. The report covers Fiscal Year 1999 (October 1998 - September 1999), although some States may be reporting for a different fiscal year period (without duplicating previous year's reported data).

The term "State" as used in this report is defined in section 3(17) of the Act to mean any of the several States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the U.S. Virgin Islands, Guam, and the Trust Territory of the Pacific Islands.

The term "conservation," as defined in section 3(3) of the Act, means the use of all methods and procedures necessary to bring any endangered or threatened species to the point where the measures provided for by the Act are no longer necessary--including, but not limited to, research, census, law enforcement, habitat acquisition and maintenance, propagation, live trapping, and transplantation. For the purposes of this report, the definition of conservation is further expanded to include any and all actions taken by Federal and State agencies on behalf of threatened or endangered species listed pursuant to the Act.

### **BACKGROUND**

#### What does "Reasonably Identifiable Expenditures" mean?

At the time the reporting requirement was enacted, the Service determined that a good faith effort was expected to develop and obtain data that are "reasonably identifiable" (Appendix B). No extensive or extraordinary measures to develop exceptionally precise data were sought, nor were the reporting agencies expected to "pro-rate" staff salaries and other normal operational and maintenance costs not directed toward a particular species.

#### What is not included in the report?

Since it is recognized that certain expenditures would not be included, this report is not a complete representation of all Federal and State expenditures for the conservation of specific listed species.

The expenditures reported in this and the preceding reports do not necessarily constitute all expenditures made for each species.

Beginning with the FY 2001 report, we will seek to more fully identify expenditures related to the conservation of listed species. We will do this by reporting for the Service, and asking other Federal agencies and States to report, expenditures which can be reasonably assigned to a specific listed species (as in the past) and those expenditures which can be reasonably assigned to other Act-related work, but not to individual species. We believe this will provide a more accurate report of expenditures related to the Act. Some agencies and States already report this information, which is included in Appendix A but not reflected in the totals. The data for this report had already been requested and largely received when the decision was made to revise the format to more accurately reflect the Act expenditures. We have not asked agencies and States to resubmit data based on the change in reporting requirements. We will institute the new format with the request for data for the FY 2001 report.

In FY 1999, a species listed as endangered outside of the United States (northern swift fox), but also occurring in the United States was not included in the tabulation. Expenditures for candidate species or other species not listed in 50 CFR Part 17 as of September 30, 1999, were excluded unless the species was listed during the year. The report also does not include unrealized revenues from unsold water, timber, power, or other resources by the reporting agencies.

#### What is included in the report?

This report represents a compilation of those reasonably identifiable expenditures reported independently by the various Federal and State agencies. Expenditures for FY 1999 (Tables 1 and 3) are reported for 1,163 threatened and endangered species (96.8 percent) of the 1,202 species that were listed under United States jurisdiction in 50 CFR Part 17 as of September 30, 1999. Expenditures are identified by species and reported separately for the Service and in aggregate for all other Federal agencies reporting and for the States (Tables 1 and 3).

Some vertebrate species (as defined under the Act) have more than a single listing in 50 CFR 17.11, where one population is listed as endangered and the other threatened (for example, gray wolf or green sea turtle). For the purposes of reporting expenditures, we combined such multiple listings. We listed subspecies separately (for example, the Hawaiian common moorhen and Mariana common moorhen) when one or more other subspecies are not listed.

For previous reports, the Evolutionarily Significant Units (ESU) were reported separately for salmon and steelhead. However, this year (and for FY 2000) they were combined, so that there is one entry each for both species. This was necessary since the request for data was unintentionally sent out without the ESUs. Consequently, the ranking for the species will change, although the total amount spent for both species will be the same.

The Service did not report land acquisition funds in the expenditures tables for FY 1989. However, other Federal agencies reported land acquisition costs in that report, and even more were reported in the 1990, 1991, and, most noticeably, the 1992 tabulations. Beginning with the FY 1993 report, the Service has tabulated the known expenditures for land acquisition separately (Table 3) from all other expenditures. The Service's land acquisitions expenditures (\$48.29 million) have been included in this report when they were identifiable to a species (Table 3). The States' reported land acquisition expenditures (\$10.43 million) are also reported in Table 3. In this report for FY 1999, total reported land acquisition expenditures for 106 species represent 15 percent of the total gross expenditures. No species had only land acquisition costs without any general costs reported in FY 1999.

## **SECTION 18(1), FEDERAL EXPENDITURES**

### What expenditures are reported by the Fish and Wildlife Service?

The Service's operational categories of expenditures include fisheries, refuges, land acquisition, law enforcement, research, and Regional and field operations for listing, recovery, consultation, migratory birds, and grants. All reasonably identifiable expenditures that could be attributed to individual species that were made by these activities have been included.

For example, reasonably identifiable expenditures for research programs included large sums for species where an intensive effort is underway to save a species from extinction (such as whooping crane or California condor) and smaller sums where only a minor research effort exists. The Refuge program identified specific listed species as a major responsibility of certain refuges. The Columbian white-tailed deer, Key deer, Hawaiian monk seal, and masked bobwhite quail are examples of listed species where the respective National Wildlife Refuge contributes substantially to their management and recovery. Other listed species use these and many other refuges for all or part of their life cycles. Only "dedicated" refuge expenditures that are reasonably identifiable to species are included in this report.

Listed fish species benefit from fisheries programs, but costs are seldom identifiable to a particular species. For example, the Dexter National Fish Hatchery in Arizona has achieved a remarkable record in the propagation and maintenance of listed southwestern fishes. Attributing costs on a species-by-species basis for the dozen or so species managed at this facility is difficult. Few species-specific expenditures could be reasonably identified in the Law Enforcement program for specific endangered species. The Federal Aid portion under section 6 of the Act for each species is included in the FWS TOTAL in Table 1. The State share for each species for which a Federal contribution was made is included in the STATE TOTAL column of Table 1, as reported to the International Association of Fish and Wildlife Agencies (IAFWA).

A significant portion of the Service's funds for consultations, listing, and recovery are incorporated into salaries, operations, and maintenance costs. As a result, they are not reasonably identifiable to species. Only salary, operation, and maintenance costs toward individual species coordinators (such as whooping crane, red wolf, grizzly bear, sea turtle, sea otter) are included in this report.

### What expenditures are reported by other Federal agencies?

The Director of the Service sent a request to other Federal agencies identified as likely to have species-specific expenditures under the Act to report. The Service provided background information identifying what constitutes reasonably identifiable expenditures and how these were to be reported (Appendix B). Two agencies responded with letters indicating that they did not have any reasonably identifiable expenditures for individual species. Correspondence from all responding Federal agencies is included in Appendix A; this includes expenses they couldn't reasonably assign to a species. The data identified by those responding Federal agencies for individual species have been tabulated in the OTHER FED column of this report (Tables 1 and 3).

## **SECTION 18(2), STATE EXPENDITURES**

### What is included in the State expenditures?

Because reporting is voluntary, we only submit those expenditure figures that were voluntarily provided. To maximize the return of information, the assistance of the IAFWA was sought by the Service to coordinate the reporting of reasonably identifiable expenditures made by States.

The States report to the IAFWA, and the latter tabulates the data by species and provides the totals to the Service, based on the best available information provided by the States. The States reported \$91.91 million for general (non-land) expenditures (Table 1) and \$10.43 million for land acquisition expenditures (Table 3). This represented an increase of \$75.57 million in non-land expenditures from the previous year, or a 462 percent increase.

## SUMMARY OF DATA

### What is the format for the report's tables?

Table 1 reports the reasonably identifiable expenditures for each species by the Service, other Federal agencies, and the States; expenditures for land acquisitions are not included in this tabulation or used in the ranking. We grouped species in the same general order as they appear in 50 CFR Part 17. Tables 1 and 3 also provide the rank for each species from Table 2. Table 2 ranks each species in descending order by the SPECIES TOTAL of Table 1; a cumulative, or running total and percentage of the \$437.08 million total (general (non-land) expenditures) is also provided for the comparison. Land acquisition expenditures are included only in Table 3.

### What are the expenditures reported for FY 1999?

Total expenditures reported: \$514,061,461 (\$76,979,004 for land acquisition --Table 3;  
\$437,082,457 for all other expenditures--Table 1)

Percent of threatened and endangered species with reported expenditures: 96.8

The median and maximum general (non-land) expenditure for species with at least \$100 reported expenditures:  
Median - \$16,150  
Maximum species total - \$57,050,000

The range of general (non-land) expenditures: \$0 to \$57.05 million (Table 2)

Number of species with general (non-land) expenditures exceeding \$1 million: 56 species  
(including eight with both endangered and threatened vertebrate populations) (Table 2)

Number of species with 50 percent of expenditures: 8 species (0.7 percent of the ESA List) (Table 2); 3 are threatened species and 3 have threatened and endangered populations

Number of species with 90 percent of expenditures: 82 species (6.8 percent of the ESA List) (Table 2)



What are the 10 species with the highest reported expenditures in Fiscal Year 1999 (from Table 2)?

1999 RANK	SPECIES (50 CFR Part 17)	STATUS	TOTAL (\$000s)	1998 RANK
1	Salmon, chinook	E,T	57,050.3	2,3
2	Steelhead	E,T	53,125.9	5,6,&7
3	Salmon, coho	T	37,979.8	1
4	Salmon, chum	T	30,864	Not listed
5	Salmon, sockeye	E,T	16,477.2	4
6	Woodpecker, red-cockaded	E	10,712.5	8
7	Trout, bull	T	9,749.1	14,152, &187
8	Owl, northern spotted	T	8,466.1	9
9	Sea-lion, Steller	E,T	7,234.1	23
10	Crane, whooping	E	6,810	19

How do the expenditures compare among species?

Taking into account the limits of this reporting system, less than one percent of all listed species received approximately half of the reasonably identifiable funding (Table 2). This conclusion was expected. The Congress and some State legislatures identify specific appropriations for most of these species, and State and Federal natural resource managers use the public interest in these high-profile species to help protect other species in the same habitats or imperiled by the same threats. The species identified by Congress as deserving of specific appropriations are the same species that drive interest and participation in the considerable State and private sector efforts on behalf of all listed species. It is also important to note that 96.8 percent of the listed species had reported expenditures, including land acquisition expenditures. Of the listed species, 8.8 percent had land expenditures as well as non-land expenditures.

## **COMPARISON TO PREVIOUS REPORTS**

Why are comparisons with other reports difficult?

A good faith effort was made to develop species-by-species expenditures for this report. However, the information presented each year does not reflect the total governmental (Federal and State) effort toward threatened and endangered species conservation, because not all actions can be easily identified or funding directly calculated per species. Therefore, the reader is cautioned against making comparisons with other reports on threatened and endangered species expenditures beyond those which are provided below. A significant portion of threatened and endangered species conservation activities at all levels includes law enforcement, consultation, recovery coordination, and other actions that are not easily or reasonably funded in a species-by-species manner. Accounting procedures for staff salaries and operational, maintenance, and other support services are not normally creditable toward individual species totals. In addition, as the Service, States, and other Federal agencies move

to actions and planning efforts that benefit multi-species, dividing costs by the species benefitting also becomes more difficult.

Also, significant variability exists among some Federal and State agency reports that are compiled to produce this report. Some agencies reported gross totals for those other expenditures that could not be identified to species; this reporting is not included within the summary tables in this report because they cannot be itemized by species and because not all agencies reported them. However, this information is available on the individual agency reports under Appendix A (Reports Provided by Other Federal Agencies) and will be provided in the summary tables from FY 2001 forward.

Until this year's report, the salmon and steelhead were separated by Evolutionarily Significant Units. Since the amount of money spent on these two species is large, the effect on the top 10 ranked species is profound (see table above). Thus, chinook and steelhead moved up in the ranking this year, and more species could fit into the top 10.

The amendment to the Act requiring this report was passed in the first quarter of FY 1989. The Service, other Federal agencies, and State agencies gathered the best available data with little opportunity for advance planning and coordination in that year. Subsequent reports have greatly benefited by the FY 1989 experience in planning and coordination with the reporting agencies to track such expenditures. Therefore, due to differences in reporting methods, this report cannot be easily compared to the 1989 or subsequent expenditure reports prior to this one. These year-to-year differences include changes in the States' reporting, changes in how expenditures are calculated, and changes in the agencies' ability to track expenditures. Thus, real dollar increases or decreases cannot be accurately calculated or inferred from the overall or individual totals.

When requested by the House Appropriations Committee staff, the Service has provided reports on allocations of current or anticipated funding by species. The reader of this report is cautioned that there are important differences in the assumptions that led to each of these reports. The data in this report are more precise than previous reports on estimated allocations, since land acquisition costs are separated from general expenditures. However, they still do not accurately reflect the total cost of conserving listed species, since they only include expenditures reasonably identifiable for individual species. The following table includes data from the present and previous expenditure reports.

**Summary of expenditures and associated statistics from FY 1989-1999**

<b>SUMMARY OF FIGURES (Amounts \$000)</b>											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Federal Total	39,638.7	96,642.5	112,684.8	160,060.3	204,501.8	234,933.9	286,445	268,778.5	288,661.5	434,669.1	411,727.1
State Total	4,086.1	5,701.2	64,126.7	131,450.7	17,698.5	9,643.6	11,231	16,935.2	12,269.8	19,655.2	102,334.3
Grand Total	43,724.8	102,343.7	176,811.5	291,510.9	222,200.3	244,577.5	297,676	285,713.7	300,931.3	454,324.3	514,061.5
Change from previous year	*****	58,618.9	74,467.8	114,699.4	-69,310.6	22,377.2	53,098.5	-11,962.3	15,217.6	153,393	59,737.2
No. listed species	554	591	639	728	809	914	957	963	1,111	1,166	1,202
No. reporting expenditures	347	477	570	679	749	819	925	895	1,060	1,137	1,163
Max. reported amount	3,108.6	9,687.2	24,651.3	73,578.6	18,518.7	24,280.6	35,942.5	40,777.3	28,545.3	34,945.0	57,050.3
Median for species equal to or greater than \$100	11.8	13.2	12.2	16.0	12.9	23.0	30.0	15.0	13.8	14.2	16.2
No. with 50% of expenditures (percentage of no. listed)	12 2.2%	10 1.7%	7 1.1%	5 0.7%	10 1.2%	9 1.1%	6 0.6%	5 0.5%	10 0.9%	9 0.8%	7 0.6%
No. with 90% of expenditures (percentage of no. listed)	63 11.4%	58 9.8%	54 8.5%	59 8.1%	79 9.8%	103 11.0%	131 14.0%	77 8.0%	101 9.1%	86 7.4%	82 6.8%

NOTES:  
 All figures include land acquisition expenditures, except those that are shaded. In 1993 the Service began to tabulate these costs separately.  
 The Federal and Grand Totals for 1993 differ from those published in the 1993 report due to an error made in the 1993 report for the desert tortoise.  
 Due to an error, the Federal and Grand Totals shown for 1995 differ from those published in the 1995 report by \$32,002.5 less than what was reported for the FWS total.

Table 1.

FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

The list of species in Table 1 essentially follows the taxonomic and nomenclatural conventions used in 50 CFR Part 17 for the identification and sequence of names. For ease of reference, the alphabetized, inverted common name is provided within each group (usually Class) of animals. Thus, the gray bat is found with other bats under "Bat, gray" within mammals, and Tar River spiny mussel is found under "Spiny mussel, Tar River" within the clams. Groups of animals follow the sequence: Mammals, Birds, Reptiles, Amphibians, Fishes, and Invertebrates, which include Clams, Snails, Insects, Arachnids, and Crustaceans. Groups of plants follow the sequence: Flowering Plants, Conifers, Ferns, and Lichens. If no common name exists for the species, the species name reads "No Common Name." Plants are alphabetized by scientific name.

If a reader needs other information about the names, historical range, or status of an endangered or threatened species, the species can be found in 50 CFR 17.11 (wildlife) or 17.12 (plants), or through our web site at <http://endangered.fws.gov>. The STATUS column indicates whether the species is endangered (E), threatened (T) or with multiple United States populations under separate classifications (E,T) [for purposes of this report, the multiple populations are counted as one species in the number listed].

Service expenditures (FWS TOTAL) and other Federal agencies expenditures (OTHER FED) are totaled in the FED TOTAL column. The STATES TOTAL is the amount reported by the International Association of Fish and Wildlife Agencies to the Service. None of these reported totals include known costs for land acquisition; see Table 3 for land acquisitions reported to the Service.

The RANK is from Table 2 and indicates each species rank by identifiable expenditures, where #1 is the highest expenditure.

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
	<b>VERTEBRATES</b>							
	<b>MAMMALS</b>							
65	Bat, gray	<i>Myotis grisescens</i>	E	172.10	627.06	799.16	35.49	834.65
575	Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	E	8.00	8.99	16.99	0.00	16.99
34	Bat, Indiana	<i>Myotis sodalis</i>	E	335.00	1,802.38	2,137.38	72.64	2,210.02
110	Bat, lesser long-nosed	<i>Leptonycteris curasoae yerbabuenae</i>	E	24.00	234.38	258.38	29.25	287.63
373	Bat, little Mariana fruit	<i>Pteropus tokudae</i>	E	8.00	25.00	33.00	0.00	33.00
131	Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	E	73.00	100.00	173.00	30.00	203.00
445	Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	E	13.40	12.70	26.10	0.25	26.35
193	Bat, Ozark big-eared	<i>Corynorhinus townsendii ingens</i>	E	30.60	50.30	80.90	11.00	91.90
196	Bat, Virginia big-eared	<i>Corynorhinus townsendii virginianus</i>	E	19.00	61.47	80.47	10.53	91.00
20	Bear, grizzly	<i>Ursus arctos horribilis</i>	T	1,023.20	3,121.05	4,144.25	839.91	4,984.16
85	Bear, Louisiana black	<i>Ursus americanus luteolus</i>	T	225.50	206.02	431.52	21.70	453.22
120	Caribou, woodland	<i>Rangifer tarandus caribou</i>	E	175.50	24.00	199.50	48.70	248.20
168	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	E	99.50	16.29	115.79	5.60	121.39
81	Deer, Key	<i>Odocoileus virginianus clavium</i>	E	390.00	140.28	530.28	0.00	530.28
38	Ferret, black-footed	<i>Mustela nigripes</i>	E	250.50	1,266.78	1,517.28	284.27	1,801.55
58	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	E	221.00	709.81	930.81	10.32	941.13
255	Jaguar	<i>Panthera onca</i>	E	6.50	44.22	50.72	9.25	59.97
596	Jaguarundi, Gulf Coast	<i>Herpailurus yagouaroundi cacomitli</i>	E	15.50	0.40	15.90	0.00	15.90
976	Jaguarundi, Sinaloa	<i>Herpailurus yagouaroundi tolteca</i>	E	0.00	5.30	5.30	0.50	5.80
139	Kangaroo rat, Fresno	<i>Dipodomys nitratoides exilis</i>	E	69.00	96.20	165.20	6.88	172.08
121	Kangaroo rat, giant	<i>Dipodomys ingens</i>	E	88.25	148.70	236.95	6.88	243.83
243	Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	E	66.00	0.00	66.00	1.72	67.72
140	Kangaroo rat, San Bernardino Merriam's	<i>Dipodomys merriami parvus</i>	E	51.50	116.85	168.35	1.72	170.07
116	Kangaroo rat, Stephens'	<i>Dipodomys stephensi</i>	E	191.50	63.95	255.45	1.72	257.17
128	Kangaroo rat, Tipton	<i>Dipodomys nitratoides nitratoides</i>	E	113.25	98.23	211.48	3.44	214.92
23	Manatee, West Indian	<i>Trichechus manatus</i>	E	1,144.50	1,262.07	2,406.57	1,944.74	4,351.32
441	Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	E	15.20	11.45	26.65	0.00	26.65
118	Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	E	245.00	0.00	245.00	6.67	251.67
652	Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	E	10.00	3.55	13.55	0.00	13.55
521	Mouse, Choctawhatchee beach	<i>Peromyscus polionotus allophrys</i>	E	16.00	3.55	19.55	0.00	19.55
374	Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	E	33.00	0.00	33.00	0.00	33.00
145	Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	E	127.50	38.60	166.10	1.72	167.82
280	Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	E	14.00	37.15	51.15	0.90	52.05
54	Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i>	T	95.00	741.38	836.38	222.87	1,059.24
150	Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	E	121.00	32.02	153.02	1.72	154.74
453	Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	T	1.00	24.10	25.10	0.00	25.10
979	Mouse, St. Andrew beach	<i>Peromyscus polionotus peninsularis</i>	E	3.00	2.53	5.53	0.00	5.53
203	Ocelot	<i>Leopardus pardalis</i>	E	68.50	16.20	84.70	0.50	85.20
75	Otter, southern sea	<i>Enhydra lutris nereis</i>	T	95.20	363.60	458.80	156.00	614.80
14	Panther, Florida	<i>Puma concolor coryi</i>	E	852.50	257.91	1,110.41	4,539.93	5,650.34
97	Prairie dog, Utah	<i>Cynomys parvidens</i>	T	40.00	277.35	317.35	40.00	357.35
52	Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	E	49.00	961.50	1,010.50	60.00	1,070.50
1000	Puma, eastern (Cougar, eastern)	<i>Puma concolor cougar</i>	E	0.00	0.70	0.70	3.98	4.68
250	Rabbit, Lower Keys marsh	<i>Sylvilagus palustris hefneri</i>	E	65.50	0.00	65.50	0.00	65.50
369	Rice rat	<i>Oryzomys palustris natator</i>	E	34.00	0.00	34.00	0.00	34.00

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
1164	Seal, Caribbean monk	<i>Monachus tropicalis</i>	E	0.00	0.00	0.00	0.00	0.00	
1077	Seal, Guadalupe fur	<i>Arctocephalus townsendi</i>	T	0.00	2.10	2.10	0.00	2.10	
49	Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	E	0.00	1,104.43	1,104.43	0.40	1,104.83	
9	Sea-lion, Steller	<i>Eumetopias jubatus</i>	E, T	0.00	7,226.11	7,226.11	8.00	7,234.11	
105	Sheep, bighorn	<i>Ovis canadensis</i>	E	96.50	50.30	146.80	171.00	317.80	
230	Sheep, bighorn	<i>Ovis canadensis californiana</i>	E	0.00	71.88	71.88	0.00	71.88	
1133	Shrew, Dismal Swamp southeastern	<i>Sorex longirostris fisheri</i>	T	0.00	0.00	0.00	0.50	0.50	
148	Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	E	27.50	124.00	151.50	5.50	157.00	
144	Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	E	6.00	149.80	155.80	12.70	168.50	
211	Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	E	0.00	10.28	10.28	70.00	80.28	
403	Squirrel, Virginia northern flying	<i>Glaucomys sabrinus fuscus</i>	E	5.00	7.50	12.50	17.70	30.20	
508	Vole, Amargosa	<i>Microtus californicus scirpensis</i>	E	19.00	0.00	19.00	1.72	20.72	
1165	Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	E	0.00	0.00	0.00	0.00	0.00	
714	Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	E	2.50	1.50	4.00	8.00	12.00	
165	Whale, blue	<i>Balaenoptera musculus</i>	E	120.00	5.40	125.40	0.00	125.40	
1060	Whale, bowhead	<i>Balaena mysticetus</i>	E	0.00	0.00	0.00	2.50	2.50	
678	Whale, finback	<i>Balaenoptera physalus</i>	E	0.00	12.52	12.52	0.30	12.82	
83	Whale, humpback	<i>Megaptera novaeangliae</i>	E	0.00	483.70	483.70	7.90	491.60	
29	Whale, right	<i>Balaena glacialis</i>	E	0.00	2,982.80	2,982.80	290.00	3,272.80	
1029	Whale, Sei	<i>Balaenoptera borealis</i>	E	0.00	3.60	3.60	0.00	3.60	
959	Whale, sperm	<i>Physeter catodon</i>	E	0.00	6.60	6.60	0.00	6.60	
30	Wolf, gray	<i>Canis lupus</i>	E, T	959.75	1,770.02	2,729.77	364.68	3,094.45	
45	Wolf, red	<i>Canis rufus</i>	E	1,236.00	18.05	1,254.05	0.50	1,254.55	
251	Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	E	65.00	0.00	65.00	0.00	65.00	
	<b>MAMMALS Subtotals</b>		<b># of Species</b>	<b>69</b>	<b>9,236.95</b>	<b>27,044.61</b>	<b>36,281.56</b>	<b>9,372.19</b>	<b>45,653.75</b>
	<b>BIRDS</b>								
933	`O`o, Kauai	<i>Moho braccatus</i>	E	8.00	0.80	8.80	0.00	8.80	
631	`O`u	<i>Psittirostra psittacea</i>	E	14.00	0.23	14.23	0.00	14.23	
286	Akepa, Hawaii	<i>Loxops coccineus coccineus</i>	E	35.00	13.64	48.64	1.60	50.24	
215	Akepa, Maui	<i>Loxops coccineus ochraceus</i>	E	64.25	0.23	64.48	15.00	79.48	
937	Akialoa, Kauai	<i>Hemignathus procerus</i>	E	8.00	0.00	8.00	0.00	8.00	
287	Akiapola`au	<i>Hemignathus munroi</i>	E	35.00	13.64	48.64	1.60	50.24	
71	Albatross, short-tailed	<i>Phoebastria albatrus</i>	E	595.50	40.10	635.60	0.00	635.60	
161	Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	E	103.00	0.00	103.00	27.84	130.84	
935	Bobwhite, masked	<i>Colinus virginianus ridgwayi</i>	E	0.00	3.50	3.50	5.00	8.50	
457	Broadbill, Guam	<i>Myiagra freycineti</i>	E	24.00	0.00	24.00	0.00	24.00	
1079	Cahow	<i>Pterodroma cahow</i>	E	2.00	0.00	2.00	0.00	2.00	
568	Caracara, Audubon's crested	<i>Polyborus plancus audubonii</i>	T	1.50	1.94	3.44	13.60	17.05	
48	Condor, California	<i>Gymnogyps californianus</i>	E	822.50	342.10	1,164.60	20.06	1,184.67	
164	Coot, Hawaiian	<i>Fulica americana alai</i>	E	75.50	49.26	124.76	3.50	128.26	
181	Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	E	80.00	24.60	104.60	0.05	104.65	
10	Crane, whooping	<i>Grus americana</i>	E	193.00	6,536.65	6,729.65	80.34	6,810.00	
284	Creeper, Hawaii	<i>Oreomystis mana</i>	E	35.00	13.84	48.84	1.60	50.44	
907	Creeper, Molokai	<i>Paroreomyza flammea</i>	E	8.00	2.38	10.38	0.00	10.38	
569	Creeper, Oahu	<i>Paroreomyza maculata</i>	E	8.00	9.00	17.00	0.00	17.00	
275	Crow, Hawaiian	<i>Corvus hawaiiensis</i>	E	29.00	22.50	51.50	1.70	53.20	

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
73	Crow, Mariana	<i>Corvus kubaryi</i>	E	308.00	47.50	355.50	265.00	620.50
1134	Crow, white-necked	<i>Corvus leucognaphalus</i>	E	0.50	0.00	0.50	0.00	0.50
984	Curlew, Eskimo	<i>Numenius borealis</i>	E	0.00	5.33	5.33	0.00	5.33
173	Duck, Hawaiian	<i>Anas wyvilliana</i>	E	73.00	44.00	117.00	0.70	117.70
938	Duck, Laysan	<i>Anas laysanensis</i>	E	8.00	0.00	8.00	0.00	8.00
12	Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	1,720.00	4,014.50	5,734.50	835.62	6,570.12
82	Eider, spectacled	<i>Somateria fischeri</i>	T	384.00	121.50	505.50	3.00	508.50
87	Eider, Steller's	<i>Polysticta stelleri</i>	T	296.00	120.50	416.50	1.50	418.00
35	Falcon, American peregrine	<i>Falco peregrinus anatum</i>	E	1,016.00	983.54	1,999.54	178.68	2,178.22
167	Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i>	E	15.00	107.50	122.50	0.75	123.25
916	Finch, Laysan	<i>Telespyza cantans</i>	E	8.00	1.67	9.67	0.00	9.67
939	Finch, Nihoa	<i>Telespyza ultima</i>	E	8.00	0.00	8.00	0.00	8.00
19	Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	E	402.00	4,557.34	4,959.34	116.29	5,075.62
32	Gnatcatcher, coastal California	<i>Polioptila californica californica</i>	T	301.50	2,383.35	2,684.85	0.00	2,684.85
135	Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	T	25.00	149.42	174.42	19.40	193.82
112	Goose, Hawaiian	<i>Branta sandvicensis</i>	E	98.50	163.57	262.07	22.00	284.07
291	Hawk, Hawaiian	<i>Buteo solitarius</i>	E	28.00	21.65	49.65	0.00	49.65
612	Hawk, Puerto Rican broad-winged	<i>Buteo platypterus brunnescens</i>	E	14.00	1.00	15.00	0.00	15.00
987	Hawk, Puerto Rican sharp-shinned	<i>Accipiter striatus venator</i>	E	4.00	1.00	5.00	0.00	5.00
271	Honeycreeper, crested	<i>Palmeria dolei</i>	E	51.00	1.62	52.62	1.60	54.22
74	Jay, Florida scrub	<i>Aphelocoma coerulescens</i>	T	330.00	289.05	619.05	0.00	619.05
151	Kingfisher, Guam Micronesian	<i>Halcyon cinnamomina cinnamomina</i>	E	108.00	40.50	148.50	5.00	153.50
583	Kite, Everglade snail	<i>Rostrhamus sociabilis plumbeus</i>	E	13.00	0.50	13.50	2.50	16.00
458	Mallard, Mariana	<i>Anas oustaleti</i>	E	24.00	0.00	24.00	0.00	24.00
123	Megapode, Micronesian	<i>Megapodius laperouse</i>	E	58.00	117.90	175.90	56.00	231.90
940	Millerbird, Nihoa	<i>Acrocephalus familiaris kingi</i>	E	8.00	0.00	8.00	0.00	8.00
452	Monarch, Tinian	<i>Monarcha takatsukasae</i>	T	24.00	1.30	25.30	0.00	25.30
200	Moorhen, Hawaiian common	<i>Gallinula chloropus sandvicensis</i>	E	38.00	47.59	85.59	0.70	86.29
103	Moorhen, Mariana common	<i>Gallinula chloropus guami</i>	E	43.00	280.00	323.00	0.00	323.00
11	Murrelet, marbled	<i>Brachyramphus marmoratus marmoratus</i>	T	2,237.00	2,706.83	4,943.83	1,704.40	6,648.23
911	Nightjar, Puerto Rican	<i>Caprimulgus noctitherus</i>	E	4.00	6.00	10.00	0.00	10.00
180	Nukupu`u	<i>Hemignathus lucidus</i>	E	85.25	1.03	86.28	18.50	104.78
43	Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	T	50.00	1,285.97	1,335.97	75.72	1,411.69
8	Owl, northern spotted	<i>Strix occidentalis caurina</i>	T	2,836.20	4,845.89	7,682.09	784.04	8,466.12
212	Palila	<i>Loxioides bailleui</i>	E	65.50	6.64	72.14	7.50	79.64
44	Parrot, Puerto Rican	<i>Amazona vittata</i>	E	1,019.00	215.09	1,234.09	41.70	1,275.79
183	Parrotbill, Maui	<i>Pseudonestor xanthophrys</i>	E	85.25	1.62	86.87	17.00	103.87
109	Pelican, brown	<i>Pelecanus occidentalis</i>	E	174.00	112.90	286.90	11.15	298.05
466	Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	E	16.00	5.00	21.00	2.50	23.50
186	Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	E	36.50	0.00	36.50	65.00	101.50
33	Plover, piping	<i>Charadrius melodus</i>	E, T	180.50	1,902.54	2,083.04	386.85	2,469.89
63	Plover, western snowy	<i>Charadrius alexandrinus nivosus</i>	T	240.00	582.71	822.71	38.00	860.71
182	Po`ouli	<i>Melamprosops phaeosoma</i>	E	85.25	2.00	87.25	17.00	104.25
162	Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	E	62.90	56.98	119.88	9.00	128.88
84	Pygmy-owl, cactus ferruginous	<i>Glaucidium brasilianum cactorum</i>	E	242.00	100.90	342.90	132.50	475.40
111	Rail, California clapper	<i>Rallus longirostris obsoletus</i>	E	141.50	141.52	283.02	1.72	284.74
79	Rail, Guam	<i>Rallus owstoni</i>	E	239.50	61.24	300.74	245.00	545.74

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
210	Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	E	41.50	38.88	80.38	2.06	82.44
122	Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	E	35.50	191.15	226.65	9.72	236.37
504	Shearwater, Newell's Townsend's	<i>Puffinus auricularis newelli</i>	T	16.00	0.00	16.00	5.00	21.00
31	Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	E	51.50	2,769.16	2,820.66	6.88	2,827.54
104	Sparrow, Cape Sable seaside	<i>Ammodramus maritimus mirabilis</i>	E	113.00	207.00	320.00	0.00	320.00
149	Sparrow, Florida grasshopper	<i>Ammodramus savannarum floridanus</i>	E	68.00	41.91	109.91	46.79	156.70
244	Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	T	26.50	41.10	67.60	0.00	67.60
70	Stilt, Hawaiian	<i>Himantopus mexicanus knudseni</i>	E	73.00	609.71	682.71	3.50	686.21
37	Stork, wood	<i>Mycteria americana</i>	E	102.50	1,790.00	1,892.50	3.60	1,896.10
124	Swiftlet, Mariana gray	<i>Aerodramus vanikorensis bartschi</i>	E	39.10	147.56	186.66	42.00	228.66
55	Tern, California least	<i>Sterna antillarum browni</i>	E	153.00	891.96	1,044.96	13.38	1,058.34
40	Tern, least	<i>Sterna antillarum</i>	E	39.30	1,458.33	1,497.63	82.55	1,580.18
170	Tern, roseate	<i>Sterna dougallii dougallii</i>	E, T	28.00	19.75	47.75	72.22	119.98
598	Thrush, large Kauai	<i>Myadestes myadestinus</i>	E	8.00	7.89	15.89	0.00	15.89
908	Thrush, Molokai	<i>Myadestes lanaiensis rutha</i>	E	8.00	2.38	10.38	0.00	10.38
233	Thrush, small Kauai	<i>Myadestes palmeri</i>	E	60.50	0.80	61.30	10.00	71.30
518	Towhee, Inyo California	<i>Pipilo crissalis eremophilus</i>	T	18.00	0.00	18.00	1.72	19.72
51	Vireo, black-capped	<i>Vireo atricapillus</i>	E	18.00	1,065.76	1,083.76	2.90	1,086.66
57	Vireo, least Bell's	<i>Vireo bellii pusillus</i>	E	180.00	795.59	975.59	9.80	985.39
526	Warbler, Bachman's	<i>Vermivora bachmanii</i>	E	18.00	1.03	19.03	0.00	19.03
61	Warbler, golden-cheeked	<i>Dendroica chrysoparia</i>	E	67.50	827.96	895.46	2.10	897.56
69	Warbler, Kirtland's	<i>Dendroica kirtlandii</i>	E	189.00	479.20	668.20	20.30	688.50
217	Warbler, nightingale reed	<i>Acrocephalus luscina</i>	E	8.00	0.00	8.00	70.00	78.00
941	White-eye, bridled	<i>Zosterops conspicillatus conspicillatus</i>	E	8.00	0.00	8.00	0.00	8.00
1163	Woodpecker, ivory-billed	<i>Campephilus principalis</i>	E	0.00	0.03	0.03	0.00	0.03
6	Woodpecker, red-cockaded	<i>Picoides borealis</i>	E	1,109.00	9,560.84	10,669.84	42.63	10,712.47
	<b>BIRDS Subtotals</b>	<b># of Species</b>	<b>93</b>	<b>17,827.00</b>	<b>53,559.09</b>	<b>71,386.09</b>	<b>5,685.38</b>	<b>77,071.47</b>
	<b>REPTILES</b>							
1113	Anole, Culebra Island giant	<i>Anolis roosevelti</i>	E	1.00	0.00	1.00	0.00	1.00
980	Boa, Mona	<i>Epicrates monensis monensis</i>	T	2.50	0.00	2.50	3.00	5.50
218	Boa, Puerto Rican	<i>Epicrates inornatus</i>	E	8.00	67.20	75.20	0.00	75.20
968	Boa, Virgin Islands tree	<i>Epicrates monensis granti</i>	E	6.00	0.00	6.00	0.00	6.00
234	Crocodile, American	<i>Crocodylus acutus</i>	E	44.00	21.73	65.73	5.43	71.17
1061	Gecko, Monito	<i>Sphaerodactylus micropithecus</i>	E	2.50	0.00	2.50	0.00	2.50
354	Iguana, Mona ground	<i>Cyclura stejnegeri</i>	T	12.50	0.00	12.50	24.40	36.90
125	Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	E	121.00	103.87	224.87	0.00	224.87
254	Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	T	59.50	2.43	61.93	0.00	61.93
396	Lizard, Island night	<i>Xantusia riversiana</i>	T	25.50	5.75	31.25	0.00	31.25
530	Lizard, St. Croix ground	<i>Ameiva polops</i>	E	2.50	16.20	18.70	0.00	18.70
201	Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	T	0.00	37.05	37.05	49.00	86.05
21	Sea turtle, green	<i>Chelonia mydas</i>	E, T	180.20	4,434.79	4,614.99	10.40	4,625.39
24	Sea turtle, hawksbill	<i>Eretmochelys imbricata</i>	E	32.20	4,248.99	4,281.19	15.60	4,296.79
25	Sea turtle, Kemp's ridley	<i>Lepidochelys kempii</i>	E	24.50	4,228.53	4,253.03	9.30	4,262.33
26	Sea turtle, leatherback	<i>Dermochelys coriacea</i>	E	162.20	4,022.88	4,185.08	10.90	4,195.98
17	Sea turtle, loggerhead	<i>Caretta caretta</i>	T	601.20	4,642.28	5,243.48	54.88	5,298.36
27	Sea turtle, olive ridley	<i>Lepidochelys olivacea</i>	E, T	0.00	3,867.63	3,867.63	0.00	3,867.63



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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
997	Skink, bluetail mole	<i>Eumeces egregius lividus</i>	T	2.00	2.90	4.90	0.00	4.90	
1022	Skink, sand	<i>Neoseps reynoldsi</i>	T	2.00	1.90	3.90	0.00	3.90	
1058	Snake, Atlantic salt marsh	<i>Nerodia clarkii taeniata</i>	T	1.00	1.48	2.48	0.38	2.86	
1059	Snake, Concho water	<i>Nerodia paucimaculata</i>	T	0.00	2.53	2.53	0.00	2.53	
269	Snake, copperbelly water	<i>Nerodia erythrogaster neglecta</i>	T	30.00	16.28	46.28	8.60	54.88	
96	Snake, eastern indigo	<i>Drymarchon corais couperi</i>	T	37.00	323.74	360.74	0.55	361.29	
60	Snake, giant garter	<i>Thamnophis gigas</i>	T	176.50	733.87	910.37	3.00	913.37	
1099	Snake, Lake Erie water	<i>Nerodia sipedon insularum</i>	T	0.00	0.00	0.00	1.43	1.43	
220	Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	E	74.00	0.00	74.00	0.00	74.00	
18	Tortoise, desert	<i>Gopherus agassizii</i>	T	520.00	4,505.70	5,025.70	58.50	5,084.20	
100	Tortoise, gopher	<i>Gopherus polyphemus</i>	T	102.50	235.01	337.51	4.50	342.01	
272	Turtle, Alabama red-belly	<i>Pseudemys alabamensis</i>	E	42.00	7.10	49.10	5.00	54.10	
137	Turtle, bog	<i>Clemmys muhlenbergii</i>	T	66.49	29.68	96.17	87.00	183.16	
351	Turtle, flattened musk	<i>Sternotherus depressus</i>	T	37.00	0.00	37.00	0.00	37.00	
912	Turtle, Plymouth redbelly	<i>Pseudemys rubriventris bangsi</i>	E	0.00	0.00	0.00	10.00	10.00	
1150	Turtle, ringed map	<i>Graptemys oculifera</i>	T	0.00	0.26	0.26	0.05	0.31	
949	Turtle, yellow-blotched map	<i>Graptemys flavimaculata</i>	T	3.00	4.16	7.16	0.05	7.21	
490	Whipsnake, Alameda	<i>Masticophis lateralis euryxanthus</i>	T	21.00	0.83	21.83	0.00	21.83	
	<b>REPTILES Subtotals</b>		<b># of Species</b>	<b>36</b>	<b>2,399.79</b>	<b>31,564.76</b>	<b>33,964.55</b>	<b>361.98</b>	<b>34,326.52</b>
	<b>AMPHIBIANS</b>								
998	Coqui, golden	<i>Eleutherodactylus jasperii</i>	T	4.00	0.75	4.75	0.00	4.75	
53	Frog, California red-legged	<i>Rana aurora draytonii</i>	T	629.50	438.00	1,067.50	0.00	1,067.50	
1010	Guajon	<i>Eleutherodactylus cookii</i>	T	4.00	0.00	4.00	0.00	4.00	
127	Salamander, Barton Springs	<i>Eurycea sosorum</i>	E	18.00	201.40	219.40	0.00	219.40	
512	Salamander, Cheat Mountain	<i>Plethodon nettingi</i>	T	3.50	15.50	19.00	1.53	20.53	
464	Salamander, desert slender	<i>Batrachoseps aridus</i>	E	21.50	2.10	23.60	0.00	23.60	
172	Salamander, flatwoods	<i>Ambystoma cingulatum</i>	T	63.50	49.09	112.59	5.38	117.96	
913	Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	T	7.00	3.00	10.00	0.00	10.00	
1091	Salamander, San Marcos	<i>Eurycea nana</i>	T	0.00	1.73	1.73	0.00	1.73	
257	Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	E	36.00	23.10	59.10	0.00	59.10	
966	Salamander, Shenandoah	<i>Plethodon shenandoah</i>	E	0.00	6.00	6.00	0.10	6.10	
323	Salamander, Sonoran tiger	<i>Ambystoma tigrinum stebbinsi</i>	E	7.50	24.95	32.45	10.00	42.45	
1078	Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	E	0.00	2.01	2.01	0.00	2.01	
41	Toad, arroyo	<i>Bufo microscaphus californicus</i>	E	474.50	1,029.36	1,503.86	1.20	1,505.06	
479	Toad, Houston	<i>Bufo houstonensis</i>	E	14.00	8.50	22.50	0.00	22.50	
637	Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	T	9.00	0.00	9.00	5.00	14.00	
278	Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	E	0.00	4.00	4.00	48.92	52.92	
	<b>AMPHIBIANS Subtotals</b>		<b># of Species</b>	<b>17</b>	<b>1,292.00</b>	<b>1,809.47</b>	<b>3,101.47</b>	<b>72.12</b>	<b>3,173.59</b>
	<b>FISHES</b>								
1011	Catfish, Yaqui	<i>Ictalurus pricei</i>	T	0.00	0.00	0.00	4.00	4.00	
1166	Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	E	0.00	0.00	0.00	0.00	0.00	
289	Cavefish, Ozark	<i>Amblyopsis rosae</i>	T	38.30	8.93	47.23	2.50	49.73	
42	Chub, bonytail	<i>Gila elegans</i>	E	27.50	1,259.60	1,287.10	126.89	1,413.99	
281	Chub, Borax Lake	<i>Gila boraxobius</i>	E	45.00	1.50	46.50	5.00	51.50	
1089	Chub, Chihuahua	<i>Gila nigrescens</i>	T	0.00	1.00	1.00	0.75	1.75	

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
39	Chub, humpback	<i>Gila cypha</i>	E	4.00	1,551.75	1,555.75	120.49	1,676.24
304	Chub, Hutton tui	<i>Gila bicolor ssp.</i>	T	45.00	0.00	45.00	2.00	47.00
429	Chub, Mohave tui	<i>Gila bicolor mohavensis</i>	E	24.00	4.10	28.10	0.00	28.10
163	Chub, Oregon	<i>Oregonichthys crameri</i>	E	75.00	43.33	118.33	10.00	128.33
357	Chub, Owens tui	<i>Gila bicolor snyderi</i>	E	20.00	12.40	32.40	4.30	36.70
261	Chub, Pahrnagat roundtail	<i>Gila robusta jordani</i>	E	44.30	14.10	58.40	0.00	58.40
960	Chub, slender	<i>Erimystax cahni</i>	T	5.00	0.00	5.00	1.50	6.50
383	Chub, Sonora	<i>Gila ditaenia</i>	T	0.00	4.50	4.50	28.00	32.50
500	Chub, spotfin	<i>Cyprinella monacha</i>	T	16.60	1.60	18.20	3.00	21.20
176	Chub, Virgin River	<i>Gila robusta seminuda</i>	E	34.00	59.10	93.10	19.00	112.10
917	Chub, Yaqui	<i>Gila purpurea</i>	E	0.00	5.50	5.50	4.00	9.50
62	Cui-ui	<i>Chasmistes cujus</i>	E	50.00	832.59	882.59	0.00	882.59
376	Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	E	30.00	2.57	32.57	0.40	32.97
228	Dace, blackside	<i>Phoxinus cumberlandensis</i>	T	41.00	28.60	69.60	3.50	73.10
385	Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	E	30.00	2.10	32.10	0.00	32.10
219	Dace, desert	<i>Eremichthys acros</i>	T	30.00	44.10	74.10	0.00	74.10
435	Dace, Foskett speckled	<i>Rhinichthys osculus ssp.</i>	T	25.00	0.00	25.00	2.00	27.00
386	Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	E	30.00	2.10	32.10	0.00	32.10
942	Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	E	0.00	8.00	8.00	0.00	8.00
259	Dace, Moapa	<i>Moapa coriacea</i>	E	43.00	7.47	50.47	8.00	58.47
483	Darter, amber	<i>Percina antesella</i>	E	18.00	2.30	20.30	2.00	22.30
1154	Darter, bayou	<i>Etheostoma rubrum</i>	T	0.00	0.20	0.20	0.05	0.25
711	Darter, bluemask	<i>Etheostoma sp.</i>	E	11.10	0.00	11.10	1.00	12.10
387	Darter, boulder	<i>Etheostoma wapiti</i>	E	26.00	0.00	26.00	6.00	32.00
484	Darter, Cherokee	<i>Etheostoma scotti</i>	T	19.00	3.00	22.00	0.26	22.26
563	Darter, duskytail	<i>Etheostoma percnum</i>	E	15.00	1.80	16.80	1.00	17.80
256	Darter, Etowah	<i>Etheostoma etowahae</i>	E	15.50	44.37	59.87	0.00	59.87
402	Darter, fountain	<i>Etheostoma fonticola</i>	E	12.00	18.30	30.30	0.00	30.30
527	Darter, goldline	<i>Percina aurolineata</i>	T	17.00	2.00	19.00	0.00	19.00
184	Darter, leopard	<i>Percina pantherina</i>	T	48.00	54.37	102.37	1.30	103.67
1007	Darter, Maryland	<i>Etheostoma sellare</i>	E	4.00	0.37	4.37	0.00	4.37
273	Darter, Niangua	<i>Etheostoma nianguae</i>	T	2.00	5.00	7.00	47.00	54.00
56	Darter, Okaloosa	<i>Etheostoma okaloosae</i>	E	15.00	1,001.37	1,016.37	0.00	1,016.37
634	Darter, relict	<i>Etheostoma chienense</i>	E	12.70	1.38	14.08	0.00	14.08
494	Darter, slackwater	<i>Etheostoma boschungii</i>	T	17.50	2.14	19.64	2.00	21.64
448	Darter, snail	<i>Percina tanasi</i>	T	2.70	21.50	24.20	2.00	26.20
1167	Darter, watercress	<i>Etheostoma nuchale</i>	E	0.00	0.00	0.00	0.00	0.00
492	Gambusia, Big Bend	<i>Gambusia gaigei</i>	E	0.00	21.80	21.80	0.00	21.80
1168	Gambusia, Clear Creek	<i>Gambusia heterochir</i>	E	0.00	0.00	0.00	0.00	0.00
411	Gambusia, Pecos	<i>Gambusia nobilis</i>	E	0.00	20.42	20.42	9.50	29.92
517	Gambusia, San Marcos	<i>Gambusia georgei</i>	E	20.00	0.00	20.00	0.00	20.00
108	Goby, tidewater	<i>Eucyclogobius newberryi</i>	E	131.00	166.77	297.77	1.00	298.77
650	Loggerperch, Conasauga	<i>Percina jenkinsi</i>	E	10.00	1.60	11.60	2.00	13.60
156	Loggerperch, Roanoke	<i>Percina rex</i>	E	25.00	112.10	137.10	3.00	140.10
231	Madtom, Neosho	<i>Noturus placidus</i>	T	26.50	40.56	67.06	4.76	71.82
958	Madtom, pygmy	<i>Noturus stanauli</i>	E	5.70	0.00	5.70	1.00	6.70
1169	Madtom, Scioto	<i>Noturus trautmani</i>	E	0.00	0.00	0.00	0.00	0.00

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
562	Madtom, smoky	<i>Noturus baileyi</i>	E	13.50	2.40	15.90	2.00	17.90
467	Madtom, yellowfin	<i>Noturus flavipinnis</i>	T	13.50	2.64	16.14	7.00	23.14
98	Minnnow, loach	<i>Tiaroga cobitis</i>	T	41.00	310.27	351.27	0.75	352.02
59	Minnnow, Rio Grande silvery	<i>Hybognathus amarus</i>	E	120.00	802.09	922.09	2.50	924.59
22	Pikeminnow, Colorado	<i>Ptychocheilus lucius</i>	E	10.00	4,396.63	4,406.63	126.49	4,533.12
359	Poolfish, Pahrump	<i>Empetrichthys latos</i>	E	30.00	0.40	30.40	5.70	36.10
249	Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i>	E	65.00	0.00	65.00	0.90	65.90
535	Pupfish, Comanche Springs	<i>Cyprinodon elegans</i>	E	0.00	18.50	18.50	0.00	18.50
274	Pupfish, desert	<i>Cyprinodon macularius</i>	E	4.00	24.80	28.80	24.60	53.40
229	Pupfish, Devils Hole	<i>Cyprinodon diabolis</i>	E	65.00	4.45	69.45	3.10	72.55
1170	Pupfish, Leon Springs	<i>Cyprinodon bovinus</i>	E	0.00	0.00	0.00	0.00	0.00
377	Pupfish, Owens	<i>Cyprinodon radiosus</i>	E	17.00	15.70	32.70	0.00	32.70
406	Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	E	30.00	0.00	30.00	0.00	30.00
1	Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	E, T	0.00	33,392.93	33,392.93	23,657.34	57,050.27
4	Salmon, chum	<i>Oncorhynchus keta</i>	T	0.00	27,565.44	27,565.44	3,298.60	30,864.04
3	Salmon, coho	<i>Oncorhynchus kisutch</i>	T	0.00	16,086.78	16,086.78	21,892.97	37,979.76
5	Salmon, sockeye	<i>Oncorhynchus nerka</i>	E, T	0.00	13,168.81	13,168.81	3,308.43	16,477.24
16	Sculpin, pygmy	<i>Cottus pygmaeus</i>	T	8.00	5,291.00	5,299.00	0.00	5,299.00
153	Shiner, Arkansas River	<i>Notropis girardi</i>	T	122.50	26.77	149.27	0.65	149.92
1012	Shiner, beautiful	<i>Cyprinella formosa</i>	T	0.00	0.00	0.00	4.00	4.00
364	Shiner, blue	<i>Cyprinella caerulea</i>	T	30.00	4.63	34.63	1.00	35.63
310	Shiner, Cahaba	<i>Notropis cahabae</i>	E	45.00	1.00	46.00	0.00	46.00
626	Shiner, Cape Fear	<i>Notropis mekistocholas</i>	E	9.50	0.00	9.50	5.00	14.50
1002	Shiner, palezone	<i>Notropis albizonatus</i>	E	2.70	0.80	3.50	1.00	4.50
77	Shiner, Pecos bluntnose	<i>Notropis simus pecosensis</i>	T	0.00	551.50	551.50	0.25	551.75
113	Shiner, Topeka	<i>Notropis topeka</i>	E	146.00	50.40	196.40	86.80	283.20
961	Silverside, Waccamaw	<i>Menidia extensa</i>	T	4.50	0.00	4.50	2.00	6.50
64	Smelt, delta	<i>Hypomesus transpacificus</i>	T	135.00	54.00	189.00	660.00	849.00
86	Spikedace	<i>Meda fulgida</i>	T	40.50	382.39	422.89	5.25	428.14
296	Spinedace, Big Spring	<i>Lepidomeda mollispinis pratensis</i>	T	34.30	12.40	46.70	2.30	49.00
147	Spinedace, Little Colorado	<i>Lepidomeda vittata</i>	T	11.50	29.23	40.73	120.00	160.73
245	Spinedace, White River	<i>Lepidomeda albivallis</i>	E	48.50	12.50	61.00	6.50	67.50
89	Splittail, Sacramento	<i>Pogonichthys macrolepidotus</i>	T	31.00	142.61	173.61	230.00	403.61
300	Springfish, Hiko White River	<i>Crenichthys baileyi grandis</i>	E	44.30	3.70	48.00	0.00	48.00
336	Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	T	34.00	4.10	38.10	2.90	41.00
192	Springfish, White River	<i>Crenichthys baileyi baileyi</i>	E	44.30	42.10	86.40	6.50	92.90
2	Steelhead	<i>Oncorhynchus mykiss</i>	E, T	0.00	35,709.65	35,709.65	17,416.22	53,125.87
15	Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	E	47.00	5,436.60	5,483.60	1.43	5,485.03
126	Sturgeon, Gulf	<i>Acipenser oxyrinchus desotoi</i>	T	139.50	73.91	213.41	9.00	222.41
50	Sturgeon, pallid	<i>Scaphirhynchus albus</i>	E	33.70	1,024.18	1,057.88	31.00	1,088.88
101	Sturgeon, shortnose	<i>Acipenser brevirostrum</i>	E	1.00	334.62	335.62	3.20	338.82
28	Sturgeon, white	<i>Acipenser transmontanus</i>	E	163.00	3,201.20	3,364.20	4.11	3,368.31
222	Sucker, June	<i>Chasmistes liorus</i>	E	0.00	40.90	40.90	33.00	73.90
46	Sucker, Lost River	<i>Deltistes luxatus</i>	E	172.00	1,068.84	1,240.84	5.00	1,245.84
141	Sucker, Modoc	<i>Catostomus microps</i>	E	109.50	60.10	169.60	0.00	169.60
13	Sucker, razorback	<i>Xyrauchen texanus</i>	E	38.50	5,617.01	5,655.51	124.74	5,780.26
47	Sucker, shortnose	<i>Chasmistes brevirostris</i>	E	171.00	1,065.39	1,236.39	5.00	1,241.39

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
132	Sucker, Warner	<i>Catostomus warnerensis</i>	T	45.00	30.93	75.93	125.00	200.93	
92	Topminnow, Gila	<i>Poeciliopsis occidentalis</i>	E	17.00	253.50	270.50	115.10	385.60	
341	Trout, Apache	<i>Oncorhynchus apache</i>	T	10.00	10.20	20.20	20.00	40.20	
7	Trout, bull	<i>Salvelinus confluentus</i>	T	1,455.00	4,965.32	6,420.32	3,328.80	9,749.12	
604	Trout, coastal cutthroat	<i>Onchorynchus clarki clarki</i>	E	0.00	0.33	0.33	15.00	15.33	
95	Trout, Gila	<i>Oncorhynchus gilae</i>	E	3.50	338.00	341.50	22.50	364.00	
88	Trout, greenback cutthroat	<i>Oncorhynchus clarki stomias</i>	T	0.00	278.50	278.50	132.56	411.06	
36	Trout, Lahontan cutthroat	<i>Oncorhynchus clarki henshawi</i>	T	270.00	1,466.39	1,736.39	230.92	1,967.31	
285	Trout, Little Kern golden	<i>Oncorhynchus aguabonita whitei</i>	T	12.00	38.26	50.26	0.00	50.26	
171	Trout, Paiute cutthroat	<i>Oncorhynchus clarki seleniris</i>	T	36.00	80.10	116.10	2.04	118.14	
185	Woundfin	<i>Plagopterus argentissimus</i>	E	4.00	89.00	93.00	9.40	102.40	
	<b>FISHES Subtotals</b>		<b># of Species</b>	<b>111</b>	<b>5,039.70</b>	<b>169,000.22</b>	<b>174,039.92</b>	<b>75,527.77</b>	<b>249,567.70</b>
	<b>VERTEBRATES Subtotals</b>		<b># of Species</b>	<b>326</b>	<b>35,795.44</b>	<b>282,978.15</b>	<b>318,773.59</b>	<b>91,019.44</b>	<b>409,793.03</b>
	<b>INVERTEBRATES</b>								
	<b>CLAMS</b>								
928	Acornshell, southern	<i>Epioblasma othcaloogensis</i>	E	5.00	3.00	8.00	1.00	9.00	
266	Bankclimber, purple	<i>Elliptoideus sloatianus</i>	T	1.00	54.00	55.00	0.00	55.00	
478	Bean, Cumberland	<i>Villosa trabalis</i>	E	9.00	11.54	20.54	2.00	22.54	
707	Bean, purple	<i>Villosa perpurpurea</i>	E	8.00	1.88	9.88	2.30	12.18	
955	Blossom, green	<i>Epioblasma torulosa gubernaculum</i>	E	6.00	0.00	6.00	0.80	6.80	
715	Blossom, tubercled	<i>Epioblasma torulosa torulosa</i>	E	11.00	0.50	11.50	0.50	12.00	
920	Blossom, turgid	<i>Epioblasma turgidula</i>	E	8.00	0.83	8.83	0.50	9.33	
904	Blossom, yellow	<i>Epioblasma florentina florentina</i>	E	9.00	0.50	9.50	1.00	10.50	
853	Catspaw	<i>Epioblasma obliquata obliquata</i>	E	5.00	0.50	5.50	5.50	11.00	
943	Catspaw, white	<i>Epioblasma obliquata perobliqua</i>	E	3.00	0.00	3.00	5.00	8.00	
130	Clubshell	<i>Pleurobema clava</i>	E	20.50	158.52	179.02	29.69	208.71	
1108	Clubshell, black	<i>Pleurobema curtum</i>	E	0.00	0.65	0.65	0.40	1.05	
340	Clubshell, ovate	<i>Pleurobema perovatum</i>	E	0.00	35.48	35.48	4.81	40.29	
260	Clubshell, southern	<i>Pleurobema decisum</i>	E	2.00	54.10	56.10	2.31	58.41	
624	Combshell, Cumberlandian	<i>Epioblasma brevidens</i>	E	10.30	3.17	13.47	1.30	14.77	
462	Combshell, southern	<i>Epioblasma penita</i>	E	17.00	5.97	22.97	0.70	23.67	
929	Combshell, upland	<i>Epioblasma metastrata</i>	E	5.00	3.00	8.00	1.00	9.00	
629	Elktoe, Appalachian	<i>Alasmidonta raveneliana</i>	E	10.00	1.40	11.40	3.00	14.40	
495	Elktoe, Cumberland	<i>Alasmidonta atropurpurea</i>	E	15.00	5.64	20.64	1.00	21.64	
324	Fanshell	<i>Cyprogenia stegaria</i>	E	17.00	17.54	34.54	7.84	42.38	
1105	Fatmucket, Arkansas	<i>Lampsilis powelli</i>	T	0.00	1.15	1.15	0.00	1.15	
401	Heelsplitter, Alabama	<i>Potamilus inflatus</i>	T	0.00	26.21	26.21	4.20	30.40	
197	Heelsplitter, Carolina	<i>Lasmigona decorata</i>	E	22.30	1.00	23.30	65.50	88.80	
133	Higgins eye	<i>Lampsilis higginsii</i>	E	35.00	153.28	188.28	7.13	195.40	
716	Kidneyshell, triangular	<i>Ptychobranchus greeni</i>	E	2.00	9.00	11.00	1.00	12.00	
1094	Lampmussel, Alabama	<i>Lampsilis virescens</i>	E	1.50	0.00	1.50	0.00	1.50	
1103	Lilliput, pale	<i>Toxolasma cylindrellus</i>	E	0.00	0.20	0.20	1.00	1.20	
166	Mapleleaf, winged	<i>Quadrula fragosa</i>	E	41.50	75.20	116.70	8.00	124.70	
315	Moccasinshell, Alabama	<i>Medionidus acutissimus</i>	T	7.00	35.87	42.87	1.20	44.07	
762	Moccasinshell, Coosa	<i>Medionidus parvulus</i>	E	7.00	4.00	11.00	0.50	11.50	

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
1093	Moccasinshell, Gulf	<i>Medionidus penicillatus</i>	E	0.00	1.37	1.37	0.15	1.52	
1090	Moccasinshell, Ochlockonee	<i>Medionidus simpsonianus</i>	E	0.00	1.75	1.75	0.00	1.75	
649	Monkeyface, Appalachian	<i>Quadrula sparsa</i>	E	10.00	2.36	12.36	1.30	13.66	
605	Monkeyface, Cumberland	<i>Quadrula intermedia</i>	E	14.00	0.00	14.00	1.30	15.30	
363	Mucket, orangenacre	<i>Lampsilis perovalis</i>	T	0.00	35.20	35.20	0.70	35.90	
216	Mucket, pink	<i>Lampsilis abrupta</i>	E	16.20	39.34	55.54	22.76	78.30	
579	Mussel, oyster	<i>Epioblasma capsaeformis</i>	E	7.50	7.67	15.17	1.30	16.47	
393	Pearlshell, Louisiana	<i>Margaritifera hembeli</i>	T	13.50	12.78	26.28	5.40	31.68	
565	Pearlymussel, birdwing	<i>Conradilla caelata</i>	E	14.00	1.35	15.35	2.30	17.65	
643	Pearlymussel, cracking	<i>Hemistena lata</i>	E	9.00	3.59	12.59	1.30	13.89	
934	Pearlymussel, Curtis	<i>Epioblasma florentina curtisii</i>	E	0.00	1.25	1.25	7.50	8.75	
414	Pearlymussel, dromedary	<i>Dromus dromas</i>	E	12.00	16.40	28.40	1.30	29.70	
493	Pearlymussel, littlewing	<i>Pegias fabula</i>	E	9.00	3.97	12.97	8.80	21.77	
759	Pearlymussel, white wartyback	<i>Plethobasus cicatricosus</i>	E	7.50	3.58	11.08	0.50	11.58	
455	Pigtoe, Cumberland	<i>Pleurobema gibberum</i>	E	12.50	11.50	24.00	1.00	25.00	
973	Pigtoe, dark	<i>Pleurobema furvum</i>	E	0.00	5.97	5.97	0.00	5.97	
625	Pigtoe, finereyed	<i>Fusconaia cuneolus</i>	E	12.00	1.21	13.21	1.30	14.51	
509	Pigtoe, flat	<i>Pleurobema marshalli</i>	E	0.00	20.00	20.00	0.70	20.70	
529	Pigtoe, heavy	<i>Pleurobema taitianum</i>	E	18.00	0.06	18.06	0.70	18.76	
1087	Pigtoe, oval	<i>Pleurobema pyriforme</i>	E	0.00	1.54	1.54	0.26	1.81	
371	Pigtoe, rough	<i>Pleurobema plenum</i>	E	14.00	18.56	32.56	1.30	33.86	
664	Pigtoe, shiny	<i>Fusconaia cor</i>	E	11.00	0.73	11.73	1.30	13.03	
628	Pigtoe, southern	<i>Pleurobema georgianum</i>	E	7.00	6.97	13.97	0.50	14.47	
299	Pimpleback, orangefoot	<i>Plethobasus cooperianus</i>	E	17.00	30.57	47.57	0.50	48.07	
391	Pink, ring	<i>Obovaria retusa</i>	E	13.00	18.44	31.44	0.50	31.94	
252	Pocketbook, fat	<i>Potamilus capax</i>	E	13.50	48.50	62.00	1.53	63.53	
358	Pocketbook, fine-lined	<i>Lampsilis altilis</i>	T	7.00	26.08	33.08	3.61	36.69	
223	Pocketbook, Ouachita rock	<i>Arkansia wheeleri</i>	E	73.00	0.50	73.50	0.10	73.60	
1092	Pocketbook, shinyrayed	<i>Lampsilis subangulata</i>	E	0.00	1.04	1.04	0.58	1.62	
1114	Pocketbook, speckled	<i>Lampsilis streckeri</i>	E	0.00	1.00	1.00	0.00	1.00	
944	Rabbitsfoot, rough	<i>Quadrula cylindrica strigillata</i>	E	6.70	0.00	6.70	1.30	8.00	
394	Riffleshell, northern	<i>Epioblasma torulosa rangiana</i>	E	8.50	14.88	23.38	8.10	31.48	
353	Riffleshell, tan	<i>Epioblasma florentina walkeri</i>	E	14.00	20.67	34.67	2.30	36.97	
1097	Slabshell, Chipola	<i>Elliptio chipolaensis</i>	T	0.00	1.47	1.47	0.00	1.47	
510	Spinymussel, James	<i>Pleurobema collina</i>	E	13.50	3.14	16.64	4.00	20.64	
367	Spinymussel, Tar River	<i>Elliptio steinstansana</i>	E	22.50	0.47	22.97	12.00	34.97	
1132	Stirrupshell	<i>Quadrula stapes</i>	E	0.00	0.00	0.00	0.70	0.70	
267	Three-ridge, fat	<i>Amblema neislerii</i>	E	1.00	54.00	55.00	0.00	55.00	
179	Wedgemussel, dwarf	<i>Alasmidonta heterodon</i>	E	61.00	24.37	85.37	23.08	108.45	
	<b>CLAMS Subtotals</b>		<b># of Species</b>	<b>69</b>	<b>716.00</b>	<b>1,106.40</b>	<b>1,822.40</b>	<b>279.12</b>	<b>2,101.51</b>
	<b>SNAILS</b>								
187	Ambersnail, Kanab	<i>Oxyloma haydeni kanabensis</i>	E	3.50	85.37	88.87	10.00	98.87	
1140	Elimia, lacy	<i>Elimia crenatella</i>	T	0.00	0.47	0.47	0.00	0.47	
241	Limpet, Banbury Springs	<i>Lanx sp.</i>	E	66.00	2.33	68.33	0.00	68.33	
1141	Lioplax, cylindrical	<i>Lioplax cyclostomaformis</i>	E	0.00	0.47	0.47	0.00	0.47	
1037	Marstonia, royal	<i>Pyrgulopsis ogmorhaphae</i>	E	2.00	0.00	2.00	1.00	3.00	

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
1171	Pebblesnail, flat	<i>Lepyrium showalteri</i>	E	0.00	0.00	0.00	0.00	0.00	
1005	Riversnail, Anthony's	<i>Athearnia anthonyi</i>	E	2.00	0.00	2.00	2.42	4.42	
1172	Rocksail, painted	<i>Leptoxis taeniata</i>	T	0.00	0.00	0.00	0.00	0.00	
1173	Rocksail, plicate	<i>Leptoxis plicata</i>	E	0.00	0.00	0.00	0.00	0.00	
1174	Rocksail, round	<i>Leptoxis ampla</i>	T	0.00	0.00	0.00	0.00	0.00	
1030	Shagreen, Magazine Mountain	<i>Mesodon magazinensis</i>	T	1.00	2.50	3.50	0.00	3.50	
240	Snail, Bliss Rapids	<i>Taylorconcha serpenticola</i>	T	66.00	2.55	68.55	0.00	68.55	
1001	Snail, Chittenango ovate amber	<i>Succinea chittenangoensis</i>	T	3.00	0.65	3.65	1.00	4.65	
1036	Snail, flat-spined three-toothed	<i>Triodopsis platysayoides</i>	T	2.00	0.00	2.00	1.08	3.08	
460	Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	E	22.00	0.65	22.65	1.11	23.76	
268	Snail, Morro shoulderband	<i>Helminthoglypta walkeriana</i>	E	53.00	2.00	55.00	0.00	55.00	
1115	Snail, noonday	<i>Mesodon clarki nantahala</i>	T	1.00	0.00	1.00	0.00	1.00	
1062	Snail, painted snake coiled forest	<i>Anguispira picta</i>	T	2.00	0.00	2.00	0.50	2.50	
242	Snail, Snake River physa	<i>Physa natricina</i>	E	66.00	1.95	67.95	0.00	67.95	
948	Snail, Stock Island tree	<i>Orthalicus reses</i>	T	7.00	0.30	7.30	0.00	7.30	
446	Snail, tulotoma	<i>Tulotoma magnifica</i>	E	25.00	1.30	26.30	0.00	26.30	
117	Snail, Utah valvata	<i>Valvata utahensis</i>	E	66.00	187.21	253.21	3.00	256.21	
1175	Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	E	0.00	0.00	0.00	0.00	0.00	
106	Snails, Oahu tree	<i>Achatinella spp.</i>	E	45.50	259.83	305.33	7.50	312.83	
1063	Springsnail, Alamosa	<i>Tryonia alamosae</i>	E	0.00	2.00	2.00	0.50	2.50	
76	Springsnail, Bruneau Hot	<i>Pyrgulopsis bruneauensis</i>	E	566.00	13.18	579.18	0.00	579.18	
204	Springsnail, Idaho	<i>Fontelicella idahoensis</i>	E	66.00	18.05	84.05	0.00	84.05	
1064	Springsnail, Socorro	<i>Pyrgulopsis neomexicana</i>	E	0.00	2.00	2.00	0.50	2.50	
	<b>SNAILS Subtotals</b>		<b># of Species</b>	<b>28</b>	<b>1,065.00</b>	<b>582.83</b>	<b>1,647.83</b>	<b>28.61</b>	<b>1,676.44</b>
	<b>INSECTS</b>								
134	Beetle, American burying	<i>Nicrophorus americanus</i>	E	25.10	162.59	187.69	7.22	194.91	
1151	Beetle, Coffin Cave mold	<i>Batrisodes texanus</i>	E	0.00	0.30	0.30	0.00	0.30	
1142	Beetle, Comal Springs dryopid	<i>Stygoparnus comalensis</i>	E	0.00	0.40	0.40	0.00	0.40	
1143	Beetle, Comal Springs riffle	<i>Heterelmis comalensis</i>	E	0.00	0.40	0.40	0.00	0.40	
648	Beetle, delta green ground	<i>Elaphrus viridis</i>	T	12.00	1.67	13.67	0.00	13.67	
982	Beetle, Hungerford's crawling water	<i>Brychius hungerfordi</i>	E	0.00	0.37	0.37	5.00	5.37	
1144	Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	E	0.00	0.40	0.40	0.00	0.40	
585	Beetle, Mount Hermon June	<i>Polyphylla barbata</i>	E	16.00	0.00	16.00	0.00	16.00	
1145	Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	E	0.00	0.40	0.40	0.00	0.40	
107	Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	T	174.00	127.83	301.83	0.00	301.83	
586	Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	T	16.00	0.00	16.00	0.00	16.00	
515	Butterfly, Behren's silverspot	<i>Speyeria zerene behrensii</i>	E	20.20	0.00	20.20	0.00	20.20	
717	Butterfly, callippe silverspot	<i>Speyeria callippe callippe</i>	E	12.00	0.00	12.00	0.00	12.00	
442	Butterfly, El Segundo blue	<i>Euphilotes battoides allyni</i>	E	26.50	0.00	26.50	0.00	26.50	
66	Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	E	280.00	390.30	670.30	137.07	807.36	
570	Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	E	17.00	0.00	17.00	0.00	17.00	
516	Butterfly, lotis blue	<i>Lycaeides argyrognomon lotis</i>	E	20.20	0.00	20.20	0.00	20.20	
305	Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	E	47.00	0.00	47.00	0.00	47.00	
198	Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	E	14.50	51.00	65.50	22.00	87.50	
665	Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtleae</i>	E	13.00	0.00	13.00	0.00	13.00	
154	Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	T	121.25	24.50	145.75	3.20	148.95	

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
177	Butterfly, Palos Verdes blue	<i>Glaucopsyche lygdamus palosverdesensis</i>	E	61.50	50.00	111.50	0.00	111.50
188	Butterfly, Quino checkerspot	<i>Euphydryas editha quino</i>	E	34.00	60.85	94.85	3.00	97.85
1116	Butterfly, Saint Francis' satyr	<i>Neonympha mitchellii francisci</i>	E	1.00	0.00	1.00	0.00	1.00
718	Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	E	12.00	0.00	12.00	0.00	12.00
368	Butterfly, Schaus swallowtail	<i>Heraclides aristodemus ponceanus</i>	E	33.50	0.94	34.44	0.00	34.44
344	Butterfly, Smith's blue	<i>Euphilotes enoptes smithi</i>	E	19.00	20.00	39.00	0.00	39.00
313	Butterfly, Uncompahgre fritillary	<i>Boloria acrocynema</i>	E	16.00	29.00	45.00	0.00	45.00
114	Dragonfly, Hine's emerald	<i>Somatochlora hineana</i>	E	138.00	27.00	165.00	102.82	267.82
195	Fly, Delhi Sands flower-loving	<i>Rhaphiomidas terminatus abdominalis</i>	E	91.50	0.00	91.50	0.00	91.50
571	Grasshopper, Zayante band-winged	<i>Trimerotropis infantilis</i>	E	17.00	0.00	17.00	0.00	17.00
687	Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	T	12.00	0.68	12.68	0.00	12.68
407	Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	T	30.00	0.00	30.00	0.00	30.00
308	Skipper, Laguna Mountains	<i>Pyrgus ruralis lagunae</i>	E	26.50	20.00	46.50	0.00	46.50
1176	Skipper, Pawnee montane	<i>Hesperia leonardus montana</i>	T	0.00	0.00	0.00	0.00	0.00
919	Tiger beetle, northeastern beach	<i>Cicindela dorsalis dorsalis</i>	T	4.50	0.00	4.50	4.90	9.40
906	Tiger beetle, Puritan	<i>Cicindela puritana</i>	T	3.00	1.84	4.84	5.56	10.40
	<b>INSECTS Subtotals</b>	<b># of Species</b>	<b>37</b>	<b>1,314.25</b>	<b>970.47</b>	<b>2,284.72</b>	<b>290.77</b>	<b>2,575.49</b>
	<b>ARACHNIDS</b>							
1146	Harvestman, Bee Creek Cave	<i>Texella reddelli</i>	E	0.00	0.40	0.40	0.00	0.40
1075	Harvestman, Bone Cave	<i>Texella reyesi</i>	E	2.00	0.40	2.40	0.00	2.40
1147	Pseudoscorpion, Tooth Cave	<i>Tartarocreagris texana</i>	E	0.00	0.40	0.40	0.00	0.40
503	Spider, spruce-fir moss	<i>Microhexura montivaga</i>	E	6.30	14.30	20.60	0.50	21.10
988	Spider, Tooth Cave	<i>Neoleptoneta myopica</i>	E	5.00	0.00	5.00	0.00	5.00
	<b>ARACHNIDS Subtotals</b>	<b># of Species</b>	<b>5</b>	<b>13.30</b>	<b>15.50</b>	<b>28.80</b>	<b>0.50</b>	<b>29.30</b>
	<b>CRUSTACEANS</b>							
1034	Amphipod, Hay's Spring	<i>Stygobromus hayi</i>	E	0.00	3.33	3.33	0.00	3.33
236	Amphipod, Illinois cave	<i>Gammarus acherondytes</i>	E	69.00	0.00	69.00	1.50	70.50
1148	Amphipod, Peck's cave	<i>Stygobromus pecki</i>	E	0.00	0.40	0.40	0.00	0.40
989	Crayfish, cave	<i>Cambarus zophonastes</i>	E	5.00	0.00	5.00	0.00	5.00
990	Crayfish, cave	<i>Cambarus aculabrum</i>	E	5.00	0.00	5.00	0.00	5.00
684	Crayfish, Nashville	<i>Orconectes shoupi</i>	E	8.70	0.00	8.70	4.00	12.70
138	Crayfish, Shasta	<i>Pacifastacus fortis</i>	E	175.80	3.96	179.76	0.00	179.76
246	Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	E	43.00	23.60	66.60	0.00	66.60
119	Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	E	246.00	4.60	250.60	0.00	250.60
157	Fairy shrimp, Riverside	<i>Streptocephalus woottoni</i>	E	87.00	51.10	138.10	0.00	138.10
78	Fairy shrimp, San Diego	<i>Branchinecta sandiegonensis</i>	E	144.00	405.60	549.60	0.00	549.60
72	Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	T	298.00	333.32	631.32	0.00	631.32
1161	Isopod, Lee County cave	<i>Lirceus usdagalun</i>	E	0.00	0.00	0.00	0.10	0.10
1023	Isopod, Madison Cave	<i>Antrrolana lira</i>	T	3.00	0.83	3.83	0.00	3.83
1013	Isopod, Socorro	<i>Thermosphaeroma thermophilus</i>	E	0.00	2.00	2.00	2.00	4.00
417	Shrimp, Alabama cave	<i>Palaemonias alabamae</i>	E	0.00	29.50	29.50	0.00	29.50
350	Shrimp, California freshwater	<i>Syncaris pacifica</i>	E	33.00	4.10	37.10	0.00	37.10
981	Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	E	3.50	2.00	5.50	0.00	5.50
1177	Shrimp, Squirrel Chimney Cave	<i>Palaemonetes cummingi</i>	T	0.00	0.00	0.00	0.00	0.00
93	Tadpole shrimp, vernal pool	<i>Lepidurus packardii</i>	E	278.00	103.50	381.50	0.00	381.50

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
	<b>CRUSTACEANS Subtotals</b>		<b># of Species</b>	<b>20</b>	<b>1,399.00</b>	<b>967.85</b>	<b>2,366.85</b>	<b>7.60</b>	<b>2,374.44</b>
	<b>INVERTEBRATES Subtotals</b>		<b># of Species</b>	<b>159</b>	<b>4,507.55</b>	<b>3,643.05</b>	<b>8,150.60</b>	<b>606.59</b>	<b>8,757.19</b>
	<b>PLANTS</b>								
	<b>FLOWERING PLANTS</b>								
986	Sand-verbena, large-fruited	<i>Abronia macrocarpa</i>	E	0.00	0.00	0.00	5.10	5.10	
780	No Common Name	<i>Abutilon eremitopetalum</i>	E	11.00	0.00	11.00	0.30	11.30	
838	Ko'oloa'ula	<i>Abutilon menziesii</i>	E	11.00	0.00	11.00	0.15	11.15	
891	No Common Name	<i>Abutilon sandwicense</i>	E	11.00	0.00	11.00	0.00	11.00	
809	Liliwai	<i>Acaena exigua</i>	E	11.00	0.00	11.00	0.20	11.20	
443	Thornmint, San Diego	<i>Acanthomintha ilicifolia</i>	T	16.50	10.00	26.50	0.00	26.50	
619	Thornmint, San Mateo	<i>Acanthomintha obovata duttonii</i>	E	15.00	0.00	15.00	0.00	15.00	
334	No Common Name	<i>Achyranthes mutica</i>	E	41.00	0.00	41.00	0.25	41.25	
673	Chaff-flower, round-leaved	<i>Achyranthes splendens rotundata</i>	E	12.00	0.19	12.19	0.80	12.99	
262	Monkshood, northern wild	<i>Aconitum noveboracense</i>	T	54.00	0.90	54.90	1.30	56.20	
900	Joint-vetch, sensitive	<i>Aeschynomene virginica</i>	T	10.50	0.00	10.50	0.20	10.70	
190	Gerardia, sandplain	<i>Agalinis acuta</i>	E	18.00	72.10	90.10	6.76	96.86	
964	Agave, Arizona	<i>Agave arizonica</i>	E	0.00	6.30	6.30	0.00	6.30	
645	Mahoe	<i>Alectryon macrococcus</i>	E	11.00	2.61	13.61	0.20	13.81	
399	Onion, Munz's	<i>Allium munzii</i>	E	18.50	12.04	30.54	0.00	30.54	
657	Alopecurus, Sonoma	<i>Alopecurus aequalis sonomensis</i>	E	13.00	0.50	13.50	0.00	13.50	
584	Kuawawaenohu	<i>Alsinidendron lychnoides</i>	E	15.00	0.80	15.80	0.20	16.00	
472	No Common Name	<i>Alsinidendron obovatum</i>	E	11.00	11.70	22.70	0.15	22.85	
602	No Common Name	<i>Alsinidendron trinerve</i>	E	12.00	2.80	14.80	0.80	15.60	
609	No Common Name	<i>Alsinidendron viscosum</i>	E	15.00	0.00	15.00	0.20	15.20	
849	No Common Name	<i>Amaranthus brownii</i>	E	11.00	0.00	11.00	0.15	11.15	
178	Amaranth, seabeach	<i>Amaranthus pumilus</i>	T	43.50	65.42	108.92	1.60	110.52	
921	Ambrosia, south Texas	<i>Ambrosia cheiranthifolia</i>	E	9.00	0.30	9.30	0.00	9.30	
1120	Lead-plant, Crenulate	<i>Amorpha crenulata</i>	E	1.00	0.00	1.00	0.00	1.00	
1035	Amphianthus, little	<i>Amphianthus pusillus</i>	T	0.00	3.20	3.20	0.00	3.20	
342	Fiddleneck, large-flowered	<i>Amsinckia grandiflora</i>	E	15.00	25.00	40.00	0.00	40.00	
1182	Blue-star, Kearney's	<i>Amsonia kearneyana</i>	E	0.00	0.00	0.00	0.00	0.00	
999	Cactus, Tobusch fishhook	<i>Ancistrocactus tobuschii</i>	E	0.00	0.90	0.90	3.80	4.70	
247	Potato-bean, Price's	<i>Apios priceana</i>	T	26.00	40.48	66.48	0.05	66.53	
436	Rock-cress, Hoffmann's	<i>Arabis hoffmannii</i>	E	26.00	1.00	27.00	0.00	27.00	
80	Rock-cress, McDonald's	<i>Arabis mcdonaldiana</i>	E	535.20	10.20	545.40	0.00	545.40	
564	Rock-cress, Braun's	<i>Arabis perstellata</i>	E	17.50	0.20	17.70	0.00	17.70	
951	Rock-cress, shale barren	<i>Arabis serotina</i>	E	4.00	2.50	6.50	0.62	7.12	
465	Bear-poppy, dwarf	<i>Arctomecon humilis</i>	E	0.00	23.36	23.36	0.20	23.56	
415	Manzanita, Santa Rosa Island	<i>Arctostaphylos confertiflora</i>	E	28.00	1.70	29.70	0.00	29.70	
524	Manzanita, Del Mar	<i>Arctostaphylos glandulosa crassifolia</i>	E	18.50	0.90	19.40	0.00	19.40	
738	Manzanita, Presidio	<i>Arctostaphylos hookeri ravenii</i>	E	12.00	0.00	12.00	0.00	12.00	
573	Manzanita, Morro	<i>Arctostaphylos morroensis</i>	T	17.00	0.00	17.00	0.00	17.00	
737	Manzanita, lone	<i>Arctostaphylos myrtifolia</i>	T	12.00	0.00	12.00	0.00	12.00	
663	Manzanita, pallid	<i>Arctostaphylos pallida</i>	T	12.00	1.21	13.21	0.00	13.21	
520	Sandwort, Cumberland	<i>Arenaria cumberlandensis</i>	E	19.00	0.60	19.60	0.00	19.60	



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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
343	Sandwort, Marsh	<i>Arenaria paludicola</i>	E	36.00	0.00	36.00	3.50	39.50
550	Sandwort, Bear Valley	<i>Arenaria ursina</i>	T	18.50	0.00	18.50	0.00	18.50
1128	Poppy, Sacramento prickly	<i>Argemone pleiakantha pinnatisecta</i>	E	0.00	1.00	1.00	0.00	1.00
270	Silversword, Mauna Loa	<i>Argyroxiphium kauense</i>	E	23.00	30.00	53.00	1.50	54.50
752	Silversword, Haleakala	<i>Argyroxiphium sandwicense macrocephalum</i>	T	11.00	0.73	11.73	0.15	11.88
555	Silversword, Mauna Kea	<i>Argyroxiphium sandwicense sandwicense</i>	E	17.00	0.00	17.00	1.30	18.30
1043	No Common Name	<i>Aristida chauseae</i>	E	3.00	0.00	3.00	0.00	3.00
1052	Pelos del diablo	<i>Aristida portoricensis</i>	E	3.00	0.00	3.00	0.00	3.00
345	Milkweed, Mead's	<i>Asclepias meadii</i>	T	27.00	10.71	37.71	1.02	38.72
349	Milkweed, Welsh's	<i>Asclepias welshii</i>	T	0.00	37.04	37.04	0.20	37.24
1080	Pawpaw, four-petal	<i>Asimina tetramera</i>	E	1.00	1.00	2.00	0.00	2.00
207	Milk-vetch, Cushenbury	<i>Astragalus albus</i>	E	18.50	65.50	84.00	0.00	84.00
159	Milk-vetch, Applegate's	<i>Astragalus applegatei</i>	E	134.00	0.38	134.38	0.00	134.38
506	Ground-plum, Pyne's	<i>Astragalus bibullatus</i>	E	21.00	0.00	21.00	0.00	21.00
405	Milk-vetch, Braunton's	<i>Astragalus brauntonii</i>	E	30.00	0.04	30.04	0.00	30.04
741	Milk-vetch, Clara Hunt's	<i>Astragalus clarianus</i>	E	12.00	0.00	12.00	0.00	12.00
713	Milk-vetch, Sentry	<i>Astragalus cremnophylax cremnophylax</i>	E	10.50	1.54	12.04	0.00	12.04
936	Milk-vetch, Mancos	<i>Astragalus humillimus</i>	E	0.00	8.04	8.04	0.00	8.04
591	Milk-vetch, Lane Mountain	<i>Astragalus jaegerianus</i>	E	16.00	0.00	16.00	0.00	16.00
477	Milk-vetch, Coachella Valley	<i>Astragalus lentiginosus coachellae</i>	E	18.50	2.16	20.66	2.00	22.66
487	Milk-vetch, Fish Slough	<i>Astragalus lentiginosus piscinensis</i>	T	17.00	5.00	22.00	0.00	22.00
194	Milk-vetch, Peirson's	<i>Astragalus magdalenae peirsonii</i>	T	91.75	0.00	91.75	0.00	91.75
1104	Milk-vetch, heliotrope	<i>Astragalus montii</i>	T	0.00	1.00	1.00	0.20	1.20
930	Milk-vetch, Osterhout	<i>Astragalus osterhoutii</i>	E	0.00	9.00	9.00	0.00	9.00
410	Milk-vetch, Ash meadows	<i>Astragalus phoenix</i>	T	30.00	0.00	30.00	0.00	30.00
695	Milk-vetch, Jesup's	<i>Astragalus robbinsii jesupi</i>	E	10.80	0.50	11.30	1.20	12.50
561	Milk-vetch, coastal dunes	<i>Astragalus tener titi</i>	E	18.00	0.00	18.00	0.00	18.00
491	Milk-vetch, triple-ribbed	<i>Astragalus tricarinatus</i>	E	20.50	1.31	21.81	0.00	21.81
899	Cactus, star	<i>Astrophytum asterias</i>	E	10.50	0.20	10.70	0.00	10.70
542	Crownscale, San Jacinto Valley	<i>Atriplex coronata notatior</i>	E	18.50	0.00	18.50	0.00	18.50
1069	No Common Name	<i>Auerodendron pauciflorum</i>	E	2.50	0.00	2.50	0.00	2.50
910	Ayenia, Texas	<i>Ayenia limitaris</i>	E	10.00	0.20	10.20	0.00	10.20
536	Baccharis, Encinitas	<i>Baccharis vanessae</i>	T	18.50	0.00	18.50	0.00	18.50
1051	Palo de ramon	<i>Banara vanderbiltii</i>	E	3.00	0.00	3.00	0.00	3.00
1137	Rattleweed, hairy	<i>Baptisia arachnifera</i>	E	0.00	0.00	0.00	0.50	0.50
511	Barberry, Nevin's	<i>Berberis nevinii</i>	E	20.50	0.04	20.54	0.00	20.54
424	Barberry, island	<i>Berberis pinnata insularis</i>	E	28.00	0.50	28.50	0.00	28.50
362	Barberry, Truckee	<i>Berberis sonnei</i>	E	34.50	1.42	35.92	0.00	35.92
1180	Birch, Virginia round-leaf	<i>Betula uber</i>	T	0.00	0.00	0.00	0.00	0.00
688	Ko'oko'olau	<i>Bidens micrantha kalealaha</i>	E	11.00	1.67	12.67	0.00	12.67
837	Ko'oko'olau	<i>Bidens wiebkei</i>	E	11.00	0.00	11.00	0.15	11.15
382	Sunshine, Sonoma	<i>Blennosperma bakeri</i>	E	32.60	0.00	32.60	0.00	32.60
248	Aster, decurrent false	<i>Boltonia decurrens</i>	T	64.00	0.00	64.00	2.07	66.07
293	Bonamia, Florida	<i>Bonamia grandiflora</i>	T	49.00	0.50	49.50	0.00	49.50
239	No Common Name	<i>Bonamia menziesii</i>	E	46.00	22.60	68.60	0.35	68.95
895	Olulu	<i>Brighamia insignis</i>	E	11.00	0.00	11.00	0.00	11.00
896	Pau'ala, (=alulu)	<i>Brighamia rockii</i>	E	11.00	0.00	11.00	0.00	11.00

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
155	Brodiaea, thread-leaved	<i>Brodiaea filifolia</i>	T	18.50	121.64	140.14	0.00	140.14
722	Brodiaea, Chinese Camp	<i>Brodiaea pallida</i>	T	12.00	0.00	12.00	0.00	12.00
1015	Boxwood, Vahl's	<i>Buxus vahlii</i>	E	4.00	0.00	4.00	0.00	4.00
347	Uhiuhi	<i>Caesalpinia kavaïense</i>	E	21.00	13.00	34.00	3.50	37.50
1038	Capa rosa	<i>Callicarpa ampla</i>	E	2.50	0.50	3.00	0.00	3.00
1149	Poppy-mallow, Texas	<i>Callirhoe scabriuscula</i>	E	0.00	0.40	0.40	0.00	0.40
739	Mariposa lily, Tiburon	<i>Calochortus tiburonensis</i>	T	12.00	0.00	12.00	0.00	12.00
1049	No Common Name	<i>Calypttranthes thomasi</i>	E	3.00	0.00	3.00	0.00	3.00
689	Pussypaws, Mariposa	<i>Calyptridium pulchellum</i>	T	12.00	0.60	12.60	0.00	12.60
1019	Manaca, palma de	<i>Calyptronoma rivalis</i>	T	4.00	0.00	4.00	0.00	4.00
227	Morning-glory, Stebbins'	<i>Calystegia stebbinsi</i>	E	73.50	0.00	73.50	0.00	73.50
423	Evening-primrose, San Benito	<i>Camissonia benitensis</i>	T	29.00	0.00	29.00	0.00	29.00
1179	Bellflower, Brooksville	<i>Campanula robinsiae</i>	E	0.00	0.00	0.00	0.00	0.00
659	`Awikiwiki	<i>Canavalia molokaiensis</i>	E	11.00	2.38	13.38	0.00	13.38
507	Bittercress, small-anthered	<i>Cardamine micranthera</i>	E	4.00	16.80	20.80	0.00	20.80
744	Sedge, white	<i>Carex albida</i>	E	12.00	0.00	12.00	0.00	12.00
1098	Sedge, Navajo	<i>Carex specuicola</i>	T	0.00	1.25	1.25	0.20	1.45
671	Paintbrush, Tiburon	<i>Castilleja affinis neglecta</i>	E	13.00	0.00	13.00	0.00	13.00
670	Owl's-clover, fleshy	<i>Castilleja campestris succulenta</i>	T	12.00	1.00	13.00	0.00	13.00
548	Paintbrush, ash-grey	<i>Castilleja cinerea</i>	T	18.50	0.00	18.50	0.00	18.50
545	Indian paintbrush, San Clemente Island	<i>Castilleja grisea</i>	E	18.50	0.00	18.50	0.00	18.50
191	Paintbrush, golden	<i>Castilleja levisecta</i>	T	83.50	8.90	92.40	2.00	94.40
338	Paintbrush, soft-leaved	<i>Castilleja mollis</i>	E	28.00	13.00	41.00	0.00	41.00
971	No Common Name	<i>Catesbaea melanocarpa</i>	E	6.00	0.00	6.00	0.00	6.00
174	Jewelflower, California	<i>Caulanthus californicus</i>	E	15.00	101.83	116.83	0.00	116.83
725	Ceanothus, coyote	<i>Ceanothus ferrisae</i>	E	12.00	0.00	12.00	0.00	12.00
540	Ceanothus, Vail Lake	<i>Ceanothus ophiochilus</i>	T	18.50	0.00	18.50	0.00	18.50
225	Ceanothus, Pine Hill	<i>Ceanothus roderickii</i>	E	73.50	0.00	73.50	0.00	73.50
302	Sandbur, agrimony or Kamanomano	<i>Cenchrus agrimonioides</i>	E	36.00	11.70	47.70	0.00	47.70
375	Centauray, spring-loving	<i>Centaurium namophilum</i>	T	33.00	0.00	33.00	0.00	33.00
321	Awiwi	<i>Centaurium sebaeoides</i>	E	42.00	0.00	42.00	0.80	42.80
547	Mountain-mahogany, Catalina Island	<i>Cercocarpus traskiae</i>	E	18.50	0.00	18.50	0.00	18.50
1129	Prickly-apple, fragrant	<i>Cereus eriophorus fragrans</i>	E	1.00	0.00	1.00	0.00	1.00
1048	No Common Name	<i>Chamaecrista glandulosa mirabilis</i>	E	3.00	0.00	3.00	0.00	3.00
679	`Akoko	<i>Chamaesyce celastroides kaenana</i>	E	12.00	0.00	12.00	0.80	12.80
1130	Spurge, deltoid	<i>Chamaesyce deltoidea deltoidea</i>	E	1.00	0.00	1.00	0.00	1.00
702	`Akoko	<i>Chamaesyce deppeana</i>	E	12.00	0.00	12.00	0.40	12.40
1054	Spurge, Garber's	<i>Chamaesyce garberi</i>	T	1.00	2.00	3.00	0.00	3.00
613	Chamaesyce halemanui (=Sci. Name)	<i>Chamaesyce halemanui</i>	E	15.00	0.00	15.00	0.00	15.00
854	`Akoko	<i>Chamaesyce herbstii</i>	E	11.00	0.00	11.00	0.00	11.00
558	Spurge, Hoover's	<i>Chamaesyce hooveri</i>	T	18.25	0.00	18.25	0.00	18.25
855	`Akoko	<i>Chamaesyce kuwaleana</i>	E	11.00	0.00	11.00	0.00	11.00
437	`Akoko	<i>Chamaesyce rockii</i>	E	11.00	15.70	26.70	0.25	26.95
690	`Akoko, Ewa Plains	<i>Chamaesyce skottsbergii kalaeloana</i>	E	12.00	0.00	12.00	0.55	12.55
1109	Fringe-tree, pygmy	<i>Chionanthus pygmaeus</i>	E	1.00	0.03	1.03	0.00	1.03
378	Spineflower, Howell's	<i>Chorizanthe howellii</i>	E	32.70	0.00	32.70	0.00	32.70
551	Spineflower, Orcutt's	<i>Chorizanthe orcuttiana</i>	E	18.50	0.00	18.50	0.00	18.50

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593	Spineflower, Ben Lomond	<i>Chorizanthe pungens hartwegiana</i>	E	16.00	0.00	16.00	0.00	16.00
264	Spineflower, Monterey	<i>Chorizanthe pungens pungens</i>	T	51.00	5.00	56.00	0.00	56.00
320	Spineflower, Robust	<i>Chorizanthe robusta</i>	E	33.00	10.00	43.00	0.00	43.00
488	Spineflower, Sonoma	<i>Chorizanthe valida</i>	E	12.00	10.00	22.00	0.00	22.00
505	Aster, Florida golden	<i>Chrysopsis floridana</i>	E	21.00	0.00	21.00	0.00	21.00
748	Thistle, fountain	<i>Cirsium fontinale fontinale</i>	E	12.00	0.00	12.00	0.00	12.00
352	Thistle, Chorro Creek bog	<i>Cirsium fontinale obispoense</i>	E	17.00	20.00	37.00	0.00	37.00
641	Thistle, Suisun	<i>Cirsium hydrophilum hydrophilum</i>	E	13.00	1.00	14.00	0.00	14.00
158	Thistle, Pitcher's	<i>Cirsium pitcheri</i>	T	2.00	132.70	134.70	1.00	135.70
1138	Thistle, Sacramento Mountains	<i>Cirsium vinaceum</i>	T	0.00	0.50	0.50	0.00	0.50
727	Clarkia, Presidio	<i>Clarkia franciscana</i>	E	12.00	0.00	12.00	0.00	12.00
728	Clarkia, Vine Hill	<i>Clarkia imbricata</i>	E	12.00	0.00	12.00	0.00	12.00
572	Clarkia, Pismo	<i>Clarkia speciosa immaculata</i>	E	17.00	0.00	17.00	0.00	17.00
523	Clarkia, Springville	<i>Clarkia springvillensis</i>	T	12.00	7.50	19.50	0.00	19.50
1041	Leather flower, Morefield's	<i>Clematis morefieldii</i>	E	3.00	0.00	3.00	0.00	3.00
1003	Leather flower, Alabama	<i>Clematis socialis</i>	E	3.00	0.00	3.00	1.50	4.50
893	`Oha wai	<i>Clermontia drepanomorpha</i>	E	11.00	0.00	11.00	0.00	11.00
502	`Oha wai	<i>Clermontia lindseyana</i>	E	11.00	10.00	21.00	0.15	21.15
656	`Oha wai	<i>Clermontia oblongifolia brevipes</i>	E	11.00	2.38	13.38	0.15	13.53
850	`Oha wai	<i>Clermontia oblongifolia mauiensis</i>	E	11.00	0.00	11.00	0.15	11.15
798	`Oha wai	<i>Clermontia peleana</i>	E	11.00	0.00	11.00	0.25	11.25
447	`Oha wai	<i>Clermontia pyrolaria</i>	E	11.00	15.00	26.00	0.25	26.25
894	`Oha wai	<i>Clermontia samuelii</i>	E	11.00	0.00	11.00	0.00	11.00
1107	Pigeon wings	<i>Clitoria fragrans</i>	T	1.00	0.13	1.13	0.00	1.13
473	Kauila	<i>Colubrina oppositifolia</i>	E	20.00	0.23	20.23	2.50	22.73
1112	Rosemary, short-leaved	<i>Conradina brevifolia</i>	E	1.00	0.03	1.03	0.00	1.03
1193	Rosemary, Etonia	<i>Conradina etonia</i>	E	0.00	0.00	0.00	0.00	0.00
618	Rosemary, Apalachicola	<i>Conradina glabra</i>	E	15.00	0.00	15.00	0.00	15.00
901	Rosemary, Cumberland	<i>Conradina verticillata</i>	T	10.00	0.60	10.60	0.00	10.60
1047	No Common Name	<i>Cordia bellonis</i>	E	3.00	0.00	3.00	0.00	3.00
480	Bird's-beak, salt marsh	<i>Cordylanthus maritimus maritimus</i>	E	22.50	0.00	22.50	0.00	22.50
638	Bird's-beak, soft	<i>Cordylanthus mollis mollis</i>	E	13.00	1.00	14.00	0.00	14.00
404	Bird's beak, palmate-bracted	<i>Cordylanthus palmatus</i>	E	12.00	7.14	19.14	11.00	30.14
719	Bird's-beak, Pennell's	<i>Cordylanthus tenuis capillaris</i>	E	12.00	0.00	12.00	0.00	12.00
1050	Palo de nigua	<i>Cornutia obovata</i>	E	3.00	0.00	3.00	0.00	3.00
1183	Cactus, Nellie cory	<i>Coryphantha minima</i>	E	0.00	0.00	0.00	0.00	0.00
1088	Cory cactus, bunched	<i>Coryphantha ramillosa</i>	T	0.00	1.80	1.80	0.00	1.80
1160	Cactus, Cochise pincushion	<i>Coryphantha robbinsorum</i>	T	0.00	0.14	0.14	0.00	0.14
209	Cactus, Pima pineapple	<i>Coryphantha scheeri robustispina</i>	E	60.00	23.00	83.00	0.00	83.00
694	Cactus, Lee pincushion	<i>Coryphantha sneedii leei</i>	T	0.00	12.50	12.50	0.00	12.50
454	Cactus, Sneed pincushion	<i>Coryphantha sneedii sneedii</i>	E	0.00	25.05	25.05	0.00	25.05
1096	No Common Name	<i>Cranichis ricartii</i>	E	1.50	0.00	1.50	0.00	1.50
1040	Higuero de sierra	<i>Crescentia portoricensis</i>	E	3.00	0.00	3.00	0.00	3.00
1110	Harebells, Avon Park	<i>Crotalaria avonensis</i>	E	1.00	0.03	1.03	0.00	1.03
1185	Cat's-eye, Terlingua Creek	<i>Cryptantha crassipes</i>	E	0.00	0.00	0.00	0.00	0.00
1119	Gourd, Okeechobee	<i>Cucurbita okeechobeensis okeechobeensis</i>	E	1.00	0.00	1.00	0.00	1.00
532	Haha (Cyanea acuminata)	<i>Cyanea acuminata</i>	E	11.00	7.30	18.30	0.25	18.55

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
767	Haha (Cyanea asarifolia)	<i>Cyanea asarifolia</i>	E	11.00	0.00	11.00	0.35	11.35
783	Haha (Cyanea copelandii copelandii)	<i>Cyanea copelandii copelandii</i>	E	11.00	0.00	11.00	0.25	11.25
832	Haha (Cyanea copelandii haleakalaensis)	<i>Cyanea copelandii haleakalaensis</i>	E	11.00	0.00	11.00	0.15	11.15
576	Haha (Cyanea crispa)	<i>Cyanea crispa</i>	E	12.00	4.50	16.50	0.45	16.95
830	Haha (Cyanea dunbarii)	<i>Cyanea dunbarii</i>	E	11.00	0.00	11.00	0.15	11.15
859	Haha (Cyanea glabra)	<i>Cyanea glabra</i>	E	11.00	0.00	11.00	0.00	11.00
311	Haha (Cyanea grimesiana grimesiana)	<i>Cyanea grimesiana grimesiana</i>	E	41.00	2.80	43.80	1.90	45.70
675	Haha (Cyanea grimesiana obatae)	<i>Cyanea grimesiana obatae</i>	E	12.00	0.00	12.00	0.90	12.90
544	Haha (Cyanea hamatiflora carlsonii)	<i>Cyanea hamatiflora carlsonii</i>	E	17.00	0.00	17.00	1.50	18.50
858	Haha (Cyanea hamatiflora hamatiflora)	<i>Cyanea hamatiflora hamatiflora</i>	E	11.00	0.00	11.00	0.00	11.00
782	Haha (Cyanea humboldtiana)	<i>Cyanea humboldtiana</i>	E	11.00	0.00	11.00	0.25	11.25
438	Haha (Cyanea koolauensis)	<i>Cyanea koolauensis</i>	E	11.00	15.70	26.70	0.25	26.95
860	Haha (Cyanea lobata)	<i>Cyanea lobata</i>	E	11.00	0.00	11.00	0.00	11.00
784	Haha (Cyanea longiflora)	<i>Cyanea longiflora</i>	E	11.00	0.00	11.00	0.25	11.25
831	Haha (Cyanea macrostegia gibsonii)	<i>Cyanea macrostegia gibsonii</i>	E	11.00	0.00	11.00	0.15	11.15
660	Haha (Cyanea mannii)	<i>Cyanea mannii</i>	E	11.00	2.38	13.38	0.00	13.38
861	Haha (Cyanea mceldowneyi)	<i>Cyanea mceldowneyi</i>	E	11.00	0.00	11.00	0.00	11.00
829	Haha (Cyanea pinnatifida)	<i>Cyanea pinnatifida</i>	E	11.00	0.00	11.00	0.15	11.15
786	Haha (Cyanea platyphylla)	<i>Cyanea platyphylla</i>	E	11.00	0.00	11.00	0.25	11.25
653	Haha (Cyanea procera)	<i>Cyanea procera</i>	E	11.00	2.38	13.38	0.15	13.53
803	Haha (Cyanea recta)	<i>Cyanea recta</i>	T	11.00	0.00	11.00	0.20	11.20
802	Haha (Cyanea remyi)	<i>Cyanea remyi</i>	E	11.00	0.00	11.00	0.20	11.20
499	Haha (Cyanea shipmannii)	<i>Cyanea shipmannii</i>	E	11.00	10.00	21.00	0.25	21.25
785	Haha (Cyanea stictophylla)	<i>Cyanea stictophylla</i>	E	11.00	0.00	11.00	0.25	11.25
599	Haha (Cyanea st-johnii)	<i>Cyanea st-johnii</i>	E	11.00	4.50	15.50	0.25	15.75
456	Haha (Cyanea superba)	<i>Cyanea superba</i>	E	12.00	11.70	23.70	0.50	24.20
691	Haha (Cyanea truncata)	<i>Cyanea truncata</i>	E	12.00	0.00	12.00	0.55	12.55
768	Haha (Cyanea undulata)	<i>Cyanea undulata</i>	E	11.00	0.00	11.00	0.35	11.35
956	Cycladenia, Jones	<i>Cycladenia humilis jonesii</i>	T	0.00	6.54	6.54	0.20	6.74
331	Pu`uka`a	<i>Cyperus trachysanthos</i>	E	41.00	0.00	41.00	0.45	41.45
696	Ha`iwale	<i>Cyrtandra crenata</i>	E	12.00	0.00	12.00	0.45	12.45
810	Mapele	<i>Cyrtandra cyaneoides</i>	E	11.00	0.00	11.00	0.20	11.20
469	Ha`iwale	<i>Cyrtandra dentata</i>	E	11.00	11.70	22.70	0.25	22.95
834	Ha`iwale	<i>Cyrtandra giffardii</i>	E	11.00	0.00	11.00	0.15	11.15
804	Ha`iwale	<i>Cyrtandra limahuliensis</i>	T	11.00	0.00	11.00	0.20	11.20
833	Ha`iwale	<i>Cyrtandra munroi</i>	E	11.00	0.00	11.00	0.15	11.15
692	Ha`iwale	<i>Cyrtandra polyantha</i>	E	12.00	0.00	12.00	0.55	12.55
635	Ha`iwale	<i>Cyrtandra subumbellata</i>	E	11.00	2.80	13.80	0.25	14.05
787	Ha`iwale	<i>Cyrtandra tintinnabula</i>	E	11.00	0.00	11.00	0.25	11.25
597	Ha`iwale	<i>Cyrtandra viridiflora</i>	E	11.00	4.50	15.50	0.40	15.90
932	Prairie-clover, leafy	<i>Dalea foliosa</i>	E	6.00	2.20	8.20	0.79	8.99
1021	No Common Name	<i>Daphnopsis hellerana</i>	E	4.00	0.00	4.00	0.00	4.00
1111	Pawpaw, beautiful	<i>Deeringothamnus pulchellus</i>	E	1.00	0.03	1.03	0.00	1.03
1190	Pawpaw, Rugel's	<i>Deeringothamnus rugelii</i>	E	0.00	0.00	0.00	0.00	0.00
777	Oha	<i>Delissea rhytidosperma</i>	E	11.00	0.00	11.00	0.35	11.35
776	Oha	<i>Delissea rivularis</i>	E	11.00	0.00	11.00	0.35	11.35
669	Oha	<i>Delissea subcordata</i>	E	12.00	0.00	12.00	1.00	13.00

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
797	Oha	<i>Delissea undulata</i>	E	11.00	0.00	11.00	0.25	11.25
418	Larkspur, San Clemente Island	<i>Delphinium variegatum kinkiense</i>	E	18.50	11.00	29.50	0.00	29.50
1123	Mint, Garrett's	<i>Dicerandra christmanii</i>	E	1.00	0.00	1.00	0.00	1.00
1187	Mint, longspurred	<i>Dicerandra cornutissima</i>	E	0.00	0.00	0.00	0.00	0.00
1125	Mint, scrub	<i>Dicerandra frutescens</i>	E	1.00	0.00	1.00	0.00	1.00
1124	Mint, Lakela's	<i>Dicerandra immaculata</i>	E	1.00	0.00	1.00	0.00	1.00
232	Spineflower, slender-horned	<i>Dodecahema leptoceras</i>	E	20.50	51.00	71.50	0.00	71.50
872	Na`ena`e	<i>Dubautia herbstobatae</i>	E	11.00	0.00	11.00	0.00	11.00
662	Na`ena`e	<i>Dubautia latifolia</i>	E	11.00	2.04	13.04	0.20	13.24
811	Na`ena`e	<i>Dubautia pauciflora</i>	E	11.00	0.00	11.00	0.20	11.20
871	Na`ena`e	<i>Dubautia plantaginea humilis</i>	E	11.00	0.00	11.00	0.00	11.00
430	Dudleya, Conejo	<i>Dudleya abramsii parva</i>	T	28.00	0.00	28.00	0.00	28.00
431	Dudleya, marcescent	<i>Dudleya cymosa marcescens</i>	T	28.00	0.00	28.00	0.00	28.00
360	Dudleyea, Santa Monica Mountains	<i>Dudleya cymosa ovatifolia</i>	T	30.00	6.00	36.00	0.00	36.00
422	Dudleya, Santa Cruz Island	<i>Dudleya nesiotica</i>	T	28.00	1.00	29.00	0.00	29.00
729	Dudleya, Santa Clara Valley	<i>Dudleya setchellii</i>	E	12.00	0.00	12.00	0.00	12.00
546	Liveforever, Laguna Beach	<i>Dudleya stolonifera</i>	T	18.50	0.00	18.50	0.00	18.50
560	Liveforever, Santa Barbara Island	<i>Dudleya traskiae</i>	E	16.00	2.00	18.00	0.00	18.00
432	Dudleya, Verity's	<i>Dudleya verityi</i>	T	28.00	0.00	28.00	0.00	28.00
366	Coneflower, smooth	<i>Echinacea laevigata</i>	E	11.00	9.50	20.50	14.48	34.98
924	Coneflower, Tennessee purple	<i>Echinacea tennesseensis</i>	E	9.00	0.20	9.20	0.00	9.20
1184	Cactus, Nichol's Turk's head	<i>Echinocactus horizonthalonius nicholii</i>	E	0.00	0.00	0.00	0.00	0.00
1024	Cactus, Chisos Mtn. hedgehog	<i>Echinocereus chisoensis chisoensis</i>	T	0.00	3.80	3.80	0.00	3.80
346	Cactus, Kuenzler hedgehog	<i>Echinocereus fendleri kuenzleri</i>	E	0.00	38.55	38.55	0.00	38.55
1135	Cactus, Lloyd's hedgehog	<i>Echinocereus lloydii</i>	E	0.00	0.50	0.50	0.00	0.50
1016	Cactus, black lace	<i>Echinocereus reichenbachii albertii</i>	E	4.00	0.00	4.00	0.00	4.00
909	Cactus, Arizona hedgehog	<i>Echinocereus triglochidiatus arizonicus</i>	E	2.50	7.75	10.25	0.00	10.25
1191	Pitaya, Davis' green	<i>Echinocereus viridiflorus davisii</i>	E	0.00	0.00	0.00	0.00	0.00
1100	Cactus, Lloyd's Mariposa	<i>Echinomastus mariposensis</i>	T	0.00	1.40	1.40	0.00	1.40
1101	Sunray, Ash Meadows	<i>Enceliopsis nudicaulis corrugata</i>	T	0.00	1.38	1.38	0.00	1.38
842	Love grass, Fosberg's	<i>Eragrostis fosbergii</i>	E	11.00	0.00	11.00	0.15	11.15
309	Mallow, Kern	<i>Eremalche kernensis</i>	E	19.00	27.14	46.14	0.00	46.14
486	Woolly-star, Santa Ana River	<i>Eriastrum densifolium sanctorum</i>	E	18.50	3.58	22.08	0.00	22.08
263	Woolly-star, Hoover's	<i>Eriastrum hooveri</i>	T	38.50	17.64	56.14	0.00	56.14
706	Daisy, Maguire	<i>Erigeron maguirei</i>	T	0.00	12.00	12.00	0.20	12.20
202	Daisy, Parish's	<i>Erigeron parishii</i>	T	20.50	65.50	86.00	0.00	86.00
952	Fleabane, Zuni	<i>Erigeron rhizomatus</i>	T	0.00	7.00	7.00	0.00	7.00
574	Mountain balm, Indian Knob	<i>Eriodictyon altissimum</i>	E	17.00	0.00	17.00	0.00	17.00
723	Buckwheat, lone	<i>Eriogonum apricum</i>	E	12.00	0.00	12.00	0.00	12.00
1200	Wild-buckwheat, gypsum	<i>Eriogonum gypsophilum</i>	T	0.00	0.00	0.00	0.00	0.00
553	Wild-buckwheat, southern mountain	<i>Eriogonum kennedyi austromontanum</i>	T	18.50	0.00	18.50	0.00	18.50
290	Buckwheat, scrub	<i>Eriogonum longifolium gnaphalifolium</i>	T	49.00	0.66	49.66	0.00	49.66
206	Buckwheat, cushenbury	<i>Eriogonum ovalifolium vineum</i>	E	18.50	65.50	84.00	0.00	84.00
922	Buckwheat, steamboat	<i>Eriogonum ovalifolium williamsiae</i>	E	9.30	0.00	9.30	0.00	9.30
996	Wild-buckwheat, clay-loving	<i>Eriogonum pelinophilum</i>	E	0.00	5.00	5.00	0.00	5.00
747	Sunflower, San Mateo woolly	<i>Eriophyllum latilobum</i>	E	12.00	0.00	12.00	0.00	12.00
90	Button-celery, San Diego	<i>Eryngium aristulatum parishii</i>	E	18.50	381.90	400.40	0.00	400.40

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749	Thistle, Loch Lomond coyote	<i>Eryngium constancei</i>	E	12.00	0.00	12.00	0.00	12.00
1195	Snakeroot	<i>Eryngium cuneifolium</i>	E	0.00	0.00	0.00	0.00	0.00
620	Wallflower, Contra Costa	<i>Erysimum capitatum angustatum</i>	E	15.00	0.00	15.00	0.00	15.00
142	Wallflower, Menzies'	<i>Erysimum menziesii</i>	E	69.50	100.00	169.50	0.00	169.50
594	Wallflower, Ben Lomond	<i>Erysimum teretifolium</i>	E	16.00	0.00	16.00	0.00	16.00
974	Lily, Minnesota dwarf trout	<i>Erythronium propullans</i>	E	0.00	0.00	0.00	5.90	5.90
1033	Uvillo	<i>Eugenia haematocarpa</i>	E	3.00	0.50	3.50	0.00	3.50
697	Nioi	<i>Eugenia koolauensis</i>	E	12.00	0.00	12.00	0.45	12.45
1020	No Common Name	<i>Eugenia woodburyana</i>	E	4.00	0.00	4.00	0.00	4.00
258	`Akoko	<i>Euphorbia haeleeleana</i>	E	46.00	11.70	57.70	1.00	58.70
1197	Spurge, telephus	<i>Euphorbia telephioides</i>	T	0.00	0.00	0.00	0.00	0.00
993	Mustard, Penland alpine fen	<i>Eutrema penlandii</i>	T	0.00	5.00	5.00	0.00	5.00
608	Heau	<i>Exocarpos luteolus</i>	E	15.00	0.00	15.00	0.20	15.20
355	Mehamehame	<i>Flueggea neowawraea</i>	E	35.70	0.00	35.70	1.10	36.80
322	Frankenia, Johnston's	<i>Frankenia johnstonii</i>	E	32.50	4.00	36.50	6.20	42.70
226	Flannelbush, Pine Hill	<i>Fremontodendron californicum decumbens</i>	E	73.50	0.00	73.50	0.00	73.50
543	Flannelbush, Mexican	<i>Fremontodendron mexicanum</i>	E	18.50	0.00	18.50	0.00	18.50
843	No Common Name	<i>Gahnia lanaiensis</i>	E	11.00	0.00	11.00	0.15	11.15
1122	Milkpea, Small's	<i>Galactia smallii</i>	E	1.00	0.00	1.00	0.00	1.00
421	Bedstraw, island	<i>Galium buxifolium</i>	E	28.00	1.00	29.00	0.00	29.00
224	Bedstraw, El Dorado	<i>Galium californicum sierrae</i>	E	73.50	0.00	73.50	0.00	73.50
600	Gardenia, Hawaiian	<i>Gardenia brighamii</i>	E	12.00	1.67	13.67	2.00	15.67
667	Nanu	<i>Gardenia mannii</i>	E	12.00	0.00	12.00	1.00	13.00
1065	No Common Name	<i>Geocarpon minimum</i>	T	1.50	0.00	1.50	1.00	2.50
611	Geranium, Hawaiian red-flowered	<i>Geranium arboreum</i>	E	14.00	1.10	15.10	0.00	15.10
799	Nohoanu	<i>Geranium multiflorum</i>	E	11.00	0.23	11.23	0.00	11.23
1032	No Common Name	<i>Gesneria pauciflora</i>	T	3.50	0.00	3.50	0.00	3.50
905	Avens, spreading	<i>Geum radiatum</i>	E	0.20	10.30	10.50	0.00	10.50
589	Gilia, Monterey	<i>Gilia tenuiflora arenaria</i>	E	16.00	0.00	16.00	0.00	16.00
379	Gilia, Hoffmann's slender-flowered	<i>Gilia tenuiflora hoffmannii</i>	E	28.00	4.60	32.60	0.00	32.60
969	Goetzea, beautiful	<i>Goetzea elegans</i>	E	6.00	0.00	6.00	0.00	6.00
881	No Common Name	<i>Gouania hillebrandii</i>	E	11.00	0.00	11.00	0.00	11.00
817	No Common Name	<i>Gouania meyenii</i>	E	11.00	0.00	11.00	0.20	11.20
792	No Common Name	<i>Gouania vitifolia</i>	E	11.00	0.00	11.00	0.25	11.25
409	Gumplant, Ash Meadows	<i>Grindelia fraxino-pratensis</i>	T	30.00	0.00	30.00	0.00	30.00
146	Seagrass, Johnson's	<i>Halophila johnsonii</i>	T	0.00	162.00	162.00	0.00	162.00
835	Honohono	<i>Haplostachys haplostachya</i>	E	11.00	0.00	11.00	0.15	11.15
856	Beauty, Harper's	<i>Harperocallis flava</i>	E	0.00	11.00	11.00	0.00	11.00
992	Higo, chumbo	<i>Harrisia portoricensis</i>	T	5.00	0.00	5.00	0.00	5.00
1126	Pennyroyal, Todsens's	<i>Hedeoma todsenii</i>	E	0.00	1.00	1.00	0.00	1.00
828	Awiwi	<i>Hedyotis cookiana</i>	E	11.00	0.00	11.00	0.15	11.15
621	Kio`ele	<i>Hedyotis coriacea</i>	E	11.00	3.64	14.64	0.25	14.89
880	No Common Name	<i>Hedyotis degeneri</i>	E	11.00	0.00	11.00	0.00	11.00
661	Pilo	<i>Hedyotis mannii</i>	E	11.00	2.38	13.38	0.00	13.38
474	No Common Name	<i>Hedyotis parvula</i>	E	11.00	11.70	22.70	0.00	22.70
1014	Bluet, Roan Mountain	<i>Hedyotis purpurea montana</i>	E	3.50	0.50	4.00	0.00	4.00
839	Kopa	<i>Hedyotis schlechtendahlia remyi</i>	E	11.00	0.00	11.00	0.15	11.15

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
862	Hedyotis, Na Pali beach	<i>Hedyotis st.-johnii</i>	E	11.00	0.00	11.00	0.00	11.00
1153	Sneezeweed, Virginia	<i>Helenium virginicum</i>	T	0.00	0.25	0.25	0.00	0.25
397	Rush-rose, island	<i>Helianthemum greenei</i>	T	30.00	1.00	31.00	0.00	31.00
199	Sunflower, Eggert's	<i>Helianthus eggertii</i>	T	18.00	69.20	87.20	0.00	87.20
413	Sunflower, Schweinitz's	<i>Helianthus schweinitzii</i>	E	2.00	23.80	25.80	4.00	29.80
398	Pink, swamp	<i>Helonias bullata</i>	T	5.00	23.62	28.62	2.04	30.66
214	Tarplant, Otay	<i>Hemizonia conjugens</i>	T	18.50	57.00	75.50	4.00	79.50
730	Dwarf-flax, Marin	<i>Hesperolinon congestum</i>	T	12.00	0.00	12.00	0.00	12.00
428	No Common Name	<i>Hesperomannia arborescens</i>	E	12.00	15.70	27.70	0.70	28.40
681	No Common Name	<i>Hesperomannia arbuscula</i>	E	12.00	0.00	12.00	0.80	12.80
825	No Common Name	<i>Hesperomannia lydgatei</i>	E	11.00	0.00	11.00	0.20	11.20
965	Heartleaf, dwarf-flowered	<i>Hexastylis naniflora</i>	T	5.20	0.35	5.55	0.66	6.21
498	Kauai hau kuahiwi	<i>Hibiscadelphus distans</i>	E	20.00	0.00	20.00	1.30	21.30
705	Hau kuahiwi	<i>Hibiscadelphus giffardianus</i>	E	11.00	1.00	12.00	0.25	12.25
607	Hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	E	14.00	0.00	14.00	1.20	15.20
769	Hau kuahiwi	<i>Hibiscadelphus woodii</i>	E	11.00	0.00	11.00	0.35	11.35
864	Koki'o ke'oke'o	<i>Hibiscus arnottianus immaculatus</i>	E	11.00	0.00	11.00	0.00	11.00
303	Ma'o hau hele, (=native yellow hibiscus)	<i>Hibiscus brackenridgei</i>	E	45.00	1.67	46.67	1.00	47.67
770	Hibiscus, Clay's	<i>Hibiscus clayi</i>	E	11.00	0.00	11.00	0.35	11.35
806	Koki'o ke'oke'o	<i>Hibiscus waimeae hannerae</i>	E	11.00	0.00	11.00	0.20	11.20
528	Rush-pea, slender	<i>Hoffmannseggia tenella</i>	E	9.00	9.30	18.30	0.50	18.80
68	Howellia, water	<i>Howellia aquatilis</i>	T	615.00	125.00	740.00	2.33	742.33
763	Heather, mountain golden	<i>Hudsonia montana</i>	T	5.00	6.50	11.50	0.00	11.50
957	Daisy, lakeside	<i>Hymenoxys herbacea</i>	T	0.00	6.00	6.00	0.73	6.73
450	Dawn-flower, Texas prairie	<i>Hymenoxys texana</i>	E	20.00	5.50	25.50	0.00	25.50
277	Hypericum, highlands scrub	<i>Hypericum cumulicola</i>	E	53.00	0.03	53.03	0.00	53.03
1095	Holly, Cook's	<i>Ilex cookii</i>	E	1.50	0.00	1.50	0.00	1.50
1066	No Common Name	<i>Ilex sintenisii</i>	E	2.00	0.50	2.50	0.00	2.50
953	Mallow, Peter's Mountain	<i>Iliamna corei</i>	E	5.00	2.00	7.00	0.00	7.00
1136	Ipomopsis, Holy Ghost	<i>Ipomopsis sancti-spiritus</i>	E	0.00	0.50	0.50	0.00	0.50
962	Iris, dwarf lake	<i>Iris lacustris</i>	T	4.00	1.50	5.50	1.00	6.50
640	Ischaemum, Hilo	<i>Ischaemum byrone</i>	E	11.00	3.00	14.00	0.00	14.00
712	Aupaka	<i>Isodendron hosakae</i>	E	11.00	0.93	11.93	0.15	12.08
325	Aupaka	<i>Isodendron laurifolium</i>	E	41.00	0.93	41.93	0.45	42.38
327	Aupaka	<i>Isodendron longifolium</i>	T	41.00	0.93	41.93	0.20	42.13
865	Kula wahine noho	<i>Isodendron pyrifolium</i>	E	11.00	0.00	11.00	0.00	11.00
282	Pogonia, small whorled	<i>Isotria medeoloides</i>	T	12.50	36.10	48.60	2.60	51.20
395	Ivesia, Ash Meadows	<i>Ivesia kingii eremica</i>	T	30.00	1.42	31.42	0.00	31.42
189	Jacquemontia, beach	<i>Jacquemontia reclinata</i>	E	97.00	0.00	97.00	0.00	97.00
1198	Walnut, West Indian or nogal	<i>Juglans jamaicensis</i>	E	0.00	0.00	0.00	0.00	0.00
1199	Water-willow, Cooley's	<i>Justicia cooleyi</i>	E	0.00	0.00	0.00	0.00	0.00
836	Kohe malama malama o kanaloa	<i>Kanaloa kahoolawensis</i>	E	11.00	0.00	11.00	0.15	11.15
610	Koki'o, (=Cooke's koki'o)	<i>Kokia cookei</i>	E	14.00	0.00	14.00	1.10	15.10
339	Koki'o	<i>Kokia drynarioides</i>	E	20.00	18.00	38.00	2.50	40.50
807	Koki'o, (=Kaua'i koki'o)	<i>Kokia kauaiensis</i>	E	11.00	0.00	11.00	0.20	11.20
765	Kamakahala	<i>Labordia cyrtandrae</i>	E	11.00	0.00	11.00	0.40	11.40
772	Kamakahala	<i>Labordia lydgatei</i>	E	11.00	0.00	11.00	0.35	11.35

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
863	Kamakahala	<i>Labordia tinifolia lanaiensis</i>	E	11.00	0.00	11.00	0.00	11.00
771	Kamakahala	<i>Labordia tinifolia wahiawaensis</i>	E	11.00	0.00	11.00	0.35	11.35
642	Kamakahala	<i>Labordia triflora</i>	E	11.00	2.80	13.80	0.15	13.95
380	Goldfields, Burke's	<i>Lasthenia burkei</i>	E	32.60	0.00	32.60	0.00	32.60
361	Goldfields, Contra Costa	<i>Lasthenia conjugens</i>	E	16.00	20.00	36.00	0.00	36.00
175	Layia, beach	<i>Layia carnosa</i>	E	14.00	101.00	115.00	0.00	115.00
449	Wooly-threads, San Joaquin	<i>Lembertia congdonii</i>	E	15.00	10.64	25.64	0.00	25.64
1072	No Common Name	<i>Lepanthes eltoroensis</i>	E	2.00	0.50	2.50	0.00	2.50
433	Anaunau	<i>Lepidium arbuscula</i>	E	12.00	14.50	26.50	0.80	27.30
1159	Ridge-cress, Barneby	<i>Lepidium barnebyanum</i>	E	0.00	0.00	0.00	0.20	0.20
1042	No Common Name	<i>Leptocereus grantianus</i>	E	3.00	0.00	3.00	0.00	3.00
566	Bush-clover, prairie	<i>Lespedeza leptostachya</i>	T	13.00	0.57	13.57	3.91	17.48
720	Bladderpod, Dudley Bluffs	<i>Lesquerella congesta</i>	T	0.00	12.00	12.00	0.00	12.00
213	Bladderpod, Missouri	<i>Lesquerella filiformis</i>	E	0.00	79.60	79.60	0.00	79.60
205	Bladderpod, San Bernardino Mountains	<i>Lesquerella kingii bernardina</i>	E	18.50	65.50	84.00	0.00	84.00
1181	Bladderpod, lyrate	<i>Lesquerella lyrata</i>	T	0.00	0.00	0.00	0.00	0.00
485	Bladderpod, white	<i>Lesquerella pallida</i>	E	20.00	2.20	22.20	0.00	22.20
945	Bladderpod, Spring Creek	<i>Lesquerella perforata</i>	E	7.50	0.00	7.50	0.00	7.50
950	Bladderpod, kodachrome	<i>Lesquerella tumulosa</i>	E	0.00	7.00	7.00	0.20	7.20
734	Lessingia, San Francisco	<i>Lessingia germanorum</i>	E	12.00	0.00	12.00	0.00	12.00
1027	Blazingstar, Heller's	<i>Liatris helleri</i>	T	3.50	0.20	3.70	0.00	3.70
1102	Blazingstar, scrub	<i>Liatris ohlingerae</i>	E	1.00	0.24	1.24	0.00	1.24
356	Water-umbel, Huachuca	<i>Lilaeopsis schaffneriana recurva</i>	E	3.50	33.20	36.70	0.00	36.70
99	Lily, Western	<i>Lilium occidentale</i>	E	341.50	7.50	349.00	0.00	349.00
735	Lily, Pitkin Marsh	<i>Lilium pardalinum pitkinense</i>	E	12.00	0.00	12.00	0.00	12.00
740	Meadowfoam, Butte County	<i>Limnanthes floccosa californica</i>	E	12.00	0.00	12.00	0.00	12.00
381	Meadowfoam, Sebastopol	<i>Limnanthes vinculans</i>	E	32.60	0.00	32.60	0.00	32.60
160	Pondberry	<i>Lindera melissifolia</i>	E	9.00	122.00	131.00	0.05	131.05
813	Nehe	<i>Lipochaeta fauriei</i>	E	11.00	0.00	11.00	0.20	11.20
876	Nehe	<i>Lipochaeta kamolensis</i>	E	11.00	0.00	11.00	0.00	11.00
875	Nehe	<i>Lipochaeta lobata leptophylla</i>	E	11.00	0.00	11.00	0.00	11.00
815	Nehe	<i>Lipochaeta micrantha</i>	E	11.00	0.00	11.00	0.20	11.20
874	Nehe	<i>Lipochaeta tenuifolia</i>	E	11.00	0.00	11.00	0.00	11.00
877	Nehe	<i>Lipochaeta venosa</i>	E	11.00	0.00	11.00	0.00	11.00
814	Nehe	<i>Lipochaeta waimeaensis</i>	E	11.00	0.00	11.00	0.20	11.20
554	Woodland-star, San Clemente Island	<i>Lithophragma maximum</i>	E	18.50	0.00	18.50	0.00	18.50
791	No Common Name	<i>Lobelia gaudichaudii koolauensis</i>	E	11.00	0.00	11.00	0.25	11.25
766	No Common Name	<i>Lobelia monostachya</i>	E	11.00	0.00	11.00	0.40	11.40
668	No Common Name	<i>Lobelia niihauensis</i>	E	12.00	0.00	12.00	1.00	13.00
686	No Common Name	<i>Lobelia oahuensis</i>	E	12.00	0.00	12.00	0.70	12.70
91	Lomatium, Bradshaw's	<i>Lomatium bradshawii</i>	E	384.00	12.50	396.50	0.00	396.50
538	Broom, San Clemente Island	<i>Lotus dendroideus traskiae</i>	E	18.50	0.00	18.50	0.00	18.50
295	Lupine, scrub	<i>Lupinus aridorum</i>	E	49.00	0.03	49.03	0.00	49.03
288	Lupine, clover	<i>Lupinus tidestromii</i>	E	49.00	1.00	50.00	0.00	50.00
1068	No Common Name	<i>Lyonia truncata proctorii</i>	E	2.50	0.00	2.50	0.00	2.50
152	Loosestrife, rough-leaved	<i>Lysimachia asperulaefolia</i>	E	13.00	127.00	140.00	13.44	153.44
886	No Common Name	<i>Lysimachia filifolia</i>	E	11.00	0.00	11.00	0.00	11.00



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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
819	No Common Name	<i>Lysimachia lydgatei</i>	E	11.00	0.00	11.00	0.20	11.20
703	No Common Name	<i>Lysimachia maxima</i>	E	11.00	0.00	11.00	1.40	12.40
857	Birds-in-a-nest, white	<i>Macbridea alba</i>	T	0.00	11.00	11.00	0.00	11.00
539	Bush-mallow, San Clemente Island	<i>Malacothamnus clementinus</i>	E	18.50	0.00	18.50	0.00	18.50
425	Bush-mallow, Santa Cruz Island	<i>Malacothamnus fasciculatus nesioticus</i>	E	28.00	0.50	28.50	0.00	28.50
388	Malacothrix, Santa Cruz Island	<i>Malacothrix indecora</i>	E	28.00	4.00	32.00	0.00	32.00
427	Malacothrix, island	<i>Malacothrix squalida</i>	E	28.00	0.50	28.50	0.00	28.50
918	Manioc, Walker's	<i>Manihot walkerae</i>	E	9.50	0.00	9.50	0.00	9.50
655	No Common Name	<i>Mariscus fauriei</i>	E	11.00	2.38	13.38	0.15	13.53
332	No Common Name	<i>Mariscus pennatiformis</i>	E	41.00	0.00	41.00	0.35	41.35
1117	Button, Mohr's Barbara	<i>Marshallia mohrii</i>	T	0.00	1.00	1.00	0.00	1.00
622	Alani	<i>Melicope adscendens</i>	E	11.00	3.68	14.68	0.15	14.83
758	Alani	<i>Melicope balloui</i>	E	11.00	0.58	11.58	0.00	11.58
755	Alani	<i>Melicope haupuensis</i>	E	11.00	0.35	11.35	0.35	11.70
761	Alani	<i>Melicope knudsenii</i>	E	11.00	0.35	11.35	0.20	11.55
658	Alani	<i>Melicope lydgatei</i>	E	12.00	0.35	12.35	1.10	13.45
644	Alani	<i>Melicope mucronulata</i>	E	11.00	2.73	13.73	0.15	13.88
779	Alani	<i>Melicope munroi</i>	E	11.00	0.35	11.35	0.00	11.35
778	Alani	<i>Melicope ovalis</i>	E	11.00	0.35	11.35	0.00	11.35
760	Alani	<i>Melicope pallida</i>	E	11.00	0.35	11.35	0.20	11.55
754	Alani	<i>Melicope quadrangularis</i>	E	11.00	0.35	11.35	0.35	11.70
461	Alani	<i>Melicope reflexa</i>	E	11.00	12.72	23.72	0.00	23.72
757	Alani	<i>Melicope saint-johnii</i>	E	11.00	0.35	11.35	0.25	11.60
764	Alani	<i>Melicope zahlbruckneri</i>	E	11.00	0.35	11.35	0.15	11.50
408	Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	T	30.00	0.00	30.00	0.00	30.00
1188	Monkey-flower, Michigan	<i>Mimulus glabratus michiganensis</i>	E	0.00	0.00	0.00	0.00	0.00
143	Four-o'clock, MacFarlane's	<i>Mirabilis macfarlanei</i>	T	141.00	28.00	169.00	0.00	169.00
1046	No Common Name	<i>Mitracarpus maxwelliae</i>	E	3.00	0.00	3.00	0.00	3.00
1045	No Common Name	<i>Mitracarpus polycladus</i>	E	3.00	0.00	3.00	0.00	3.00
514	Monardella, willow	<i>Monardella linoides viminea</i>	E	18.50	1.80	20.30	0.00	20.30
890	No Common Name	<i>Munroidendron racemosum</i>	E	11.00	0.00	11.00	0.00	11.00
1070	No Common Name	<i>Myrcia paganii</i>	E	2.50	0.00	2.50	0.00	2.50
789	Kolea	<i>Myrsine juddii</i>	E	11.00	0.00	11.00	0.25	11.25
603	Kolea	<i>Myrsine linearifolia</i>	T	11.00	4.50	15.50	0.00	15.50
237	Navarretia, spreading	<i>Navarretia fossalis</i>	T	18.50	51.30	69.80	0.00	69.80
742	Navarretia, few-flowered	<i>Navarretia leucocephala pauciflora</i>	E	12.00	0.00	12.00	0.00	12.00
743	Navarretia, many-flowered	<i>Navarretia leucocephala plieantha</i>	E	12.00	0.00	12.00	0.00	12.00
731	Grass, Colusa	<i>Neostapfia colusana</i>	T	12.00	0.00	12.00	0.00	12.00
889	No Common Name	<i>Neraudia angulata</i>	E	11.00	0.00	11.00	0.00	11.00
879	Ma`aloa, Big Island	<i>Neraudia ovata</i>	E	11.00	0.00	11.00	0.00	11.00
337	No Common Name	<i>Neraudia sericea</i>	E	41.00	0.00	41.00	0.00	41.00
389	Niterwort, Amargosa	<i>Nitrophila mohavensis</i>	E	32.00	0.00	32.00	0.00	32.00
292	Beargrass, Britton's	<i>Nolina brittoniana</i>	E	49.00	0.50	49.50	0.00	49.50
372	`Aiea	<i>Nothoestrum breviflorum</i>	E	14.00	18.00	32.00	1.10	33.10
800	`Aiea	<i>Nothoestrum peltatum</i>	E	11.00	0.00	11.00	0.20	11.20
419	Kulu`i	<i>Nototrichium humile</i>	E	11.00	18.30	29.30	0.00	29.30
788	Holei	<i>Ochrosia kilaeaeensis</i>	E	11.00	0.00	11.00	0.25	11.25

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588	Evening-primrose, Eureka Valley	<i>Oenothera avita eurekaensis</i>	E	16.00	0.00	16.00	0.00	16.00
615	Evening-primrose, Antioch Dunes	<i>Oenothera deltoides howellii</i>	E	15.00	0.00	15.00	0.00	15.00
519	Cactus, Bakersfield	<i>Opuntia treleasei</i>	E	12.00	7.64	19.64	0.00	19.64
496	Grass, California Orcutt	<i>Orcuttia californica</i>	E	20.50	1.00	21.50	0.00	21.50
633	Orcutt grass, San Joaquin	<i>Orcuttia inaequalis</i>	T	12.00	2.10	14.10	0.00	14.10
513	Orcutt grass, hairy	<i>Orcuttia pilosa</i>	E	18.25	2.10	20.35	0.00	20.35
412	Orcutt grass, slender	<i>Orcuttia tenuis</i>	T	12.00	17.84	29.84	0.00	29.84
632	Orcutt grass, Sacramento	<i>Orcuttia viscida</i>	E	12.00	2.10	14.10	0.00	14.10
994	Palo de rosa	<i>Ottoschulzia rhodoxylon</i>	E	5.00	0.00	5.00	0.00	5.00
463	Dropwort, Canby's	<i>Oxypolis canbyi</i>	E	9.00	1.00	10.00	13.64	23.64
208	Oxytheca, cushenbury	<i>Oxytheca parishii goodmaniana</i>	E	18.50	65.50	84.00	0.00	84.00
970	Locoweed, Fassett's	<i>Oxytropis campestris chartacea</i>	T	0.00	5.00	5.00	1.00	6.00
698	Panicgrass, Carter's	<i>Panicum fauriei carteri</i>	E	12.00	0.00	12.00	0.45	12.45
335	Lau 'ehu	<i>Panicum niuhauense</i>	E	41.00	0.00	41.00	0.15	41.15
903	Whitlow-wort, papery	<i>Paronychia chartacea</i>	T	10.00	0.59	10.59	0.00	10.59
745	Stonecrop, Lake County	<i>Parvisedum leiocarpum</i>	E	12.00	0.00	12.00	0.00	12.00
925	Lousewort, Furbish	<i>Pedicularis furbishiae</i>	E	9.20	0.00	9.20	0.00	9.20
578	Cactus, Brady pincushion	<i>Pediocactus bradyi</i>	E	6.50	10.10	16.60	0.00	16.60
531	Cactus, San Rafael	<i>Pediocactus despainii</i>	E	0.00	18.50	18.50	0.20	18.70
977	Cactus, Knowlton	<i>Pediocactus knowltonii</i>	E	0.00	5.56	5.56	0.00	5.56
967	Cactus, Peebles Navajo	<i>Pediocactus peeblesianus peeblesianus</i>	E	0.00	6.04	6.04	0.00	6.04
985	Cactus, Siler pincushion	<i>Pediocactus sileri</i>	T	0.00	5.08	5.08	0.20	5.28
434	Cactus, Winkler	<i>Pediocactus winkleri</i>	T	0.00	27.10	27.10	0.20	27.30
963	Penstemon, blowout	<i>Penstemon haydenii</i>	E	0.00	5.50	5.50	1.00	6.50
1178	Beardtongue, Penland	<i>Penstemon penlandii</i>	E	0.00	0.00	0.00	0.00	0.00
897	Pentachaeta, white-rayed	<i>Pentachaeta bellidiflora</i>	E	11.00	0.00	11.00	0.00	11.00
370	Pentachaeta, Lyon's	<i>Pentachaeta lyonii</i>	E	30.00	4.00	34.00	0.00	34.00
1081	Peperomia, Wheeler's	<i>Peperomia wheeleri</i>	E	2.00	0.00	2.00	0.00	2.00
869	Makou	<i>Peucedanum sandwicense</i>	T	11.00	0.00	11.00	0.00	11.00
946	Phacelia, clay	<i>Phacelia argillacea</i>	E	0.00	7.30	7.30	0.20	7.50
931	Phacelia, North Park	<i>Phacelia formosula</i>	E	0.00	9.00	9.00	0.00	9.00
390	Phacelia, island	<i>Phacelia insularis insularis</i>	E	28.00	4.00	32.00	0.00	32.00
470	Phlox, Texas trailing	<i>Phlox nivalis texensis</i>	E	20.00	2.90	22.90	0.00	22.90
848	No Common Name	<i>Phyllostegia glabra lanaiensis</i>	E	11.00	0.00	11.00	0.15	11.15
439	No Common Name	<i>Phyllostegia hirsuta</i>	E	11.00	15.70	26.70	0.25	26.95
793	No Common Name	<i>Phyllostegia kaalaensis</i>	E	11.00	0.00	11.00	0.25	11.25
630	No Common Name	<i>Phyllostegia knudsenii</i>	E	14.00	0.00	14.00	0.35	14.35
522	No Common Name	<i>Phyllostegia mannii</i>	E	17.00	2.38	19.38	0.15	19.53
580	No Common Name	<i>Phyllostegia mollis</i>	E	11.00	5.18	16.18	0.00	16.18
319	No Common Name	<i>Phyllostegia parviflora</i>	E	42.00	0.00	42.00	1.00	43.00
501	Kiponapona	<i>Phyllostegia racemosa</i>	E	11.00	10.00	21.00	0.15	21.15
796	No Common Name	<i>Phyllostegia velutina</i>	E	11.00	0.00	11.00	0.25	11.25
577	No Common Name	<i>Phyllostegia waimeae</i>	E	11.00	5.36	16.36	0.35	16.71
795	No Common Name	<i>Phyllostegia warshaueri</i>	E	11.00	0.00	11.00	0.25	11.25
818	No Common Name	<i>Phyllostegia wawrana</i>	E	11.00	0.00	11.00	0.20	11.20
750	Twinpod, Dudley Bluffs	<i>Physaria obcordata</i>	T	0.00	12.00	12.00	0.00	12.00
1118	Cactus, Key tree	<i>Pilosocereus robinii</i>	E	1.00	0.00	1.00	0.00	1.00

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
614	Butterwort, Godfrey's	<i>Pinguicula ionantha</i>	T	15.00	0.00	15.00	0.00	15.00
592	Piperia, Yadon's	<i>Piperia yadonii</i>	E	16.00	0.00	16.00	0.00	16.00
914	Aster, Ruth's golden	<i>Pityopsis ruthii</i>	E	5.50	4.50	10.00	0.00	10.00
666	Allocarya, Calistoga	<i>Plagiobothrys strictus</i>	E	13.00	0.00	13.00	0.00	13.00
708	Kuahiwi laukahi	<i>Plantago hawaiiensis</i>	E	11.00	1.00	12.00	0.15	12.15
253	Kuahiwi laukahi	<i>Plantago princeps</i>	E	41.00	21.11	62.11	0.40	62.51
316	No Common Name	<i>Platanthera holochila</i>	E	41.00	2.61	43.61	0.20	43.81
136	Orchid, eastern prairie fringed	<i>Platanthera leucophaea</i>	T	66.00	120.29	186.29	4.30	190.59
115	Orchid, western prairie fringed	<i>Platanthera praeclara</i>	T	47.00	206.40	253.40	8.10	261.50
1031	Chupacallos	<i>Pleodendron macranthum</i>	E	2.50	1.00	3.50	0.00	3.50
416	Hala pepe	<i>Pleomele hawaiiensis</i>	E	11.00	18.50	29.50	0.15	29.65
306	Bluegrass, San Bernardino	<i>Poa atropurpurea</i>	E	18.50	28.50	47.00	0.00	47.00
701	Bluegrass, Mann's	<i>Poa mannii</i>	E	11.00	1.24	12.24	0.20	12.44
721	Bluegrass, Napa	<i>Poa napensis</i>	E	12.00	0.00	12.00	0.00	12.00
801	Bluegrass, Hawaiian	<i>Poa sandvicensis</i>	E	11.00	0.00	11.00	0.20	11.20
822	No Common Name	<i>Poa siphonoglossa</i>	E	11.00	0.00	11.00	0.20	11.20
94	Mesa-mint, San Diego	<i>Pogogyne abramsii</i>	E	18.50	348.70	367.20	0.00	367.20
297	Mesa-mint, Otay	<i>Pogogyne nudiuscula</i>	E	49.00	0.00	49.00	0.00	49.00
1009	Polygala, Lewton's	<i>Polygala lewtonii</i>	E	1.00	3.03	4.03	0.00	4.03
1127	Polygala, tiny	<i>Polygala smallii</i>	E	1.00	0.00	1.00	0.00	1.00
927	Wireweed	<i>Polygonella basiramia</i>	E	9.00	0.03	9.03	0.00	9.03
1106	Sandlace	<i>Polygonella myriophylla</i>	E	1.00	0.14	1.14	0.00	1.14
581	Po'e	<i>Portulaca sclerocarpa</i>	E	11.00	5.00	16.00	0.15	16.15
1192	Pondweed, Little Aguja Creek	<i>Potamogeton clystocarpus</i>	E	0.00	0.00	0.00	0.00	0.00
307	Potentilla, Hickman's	<i>Potentilla hickmanii</i>	E	47.00	0.00	47.00	0.00	47.00
1006	Cinquefoil, Robbins'	<i>Potentilla robbinsiana</i>	E	2.40	2.00	4.40	0.00	4.40
1158	Primrose, Maguire	<i>Primula maguirei</i>	T	0.00	0.00	0.00	0.20	0.20
709	Lo'ulu	<i>Pritchardia affinis</i>	E	11.00	1.00	12.00	0.15	12.15
841	Lo'ulu, (=wahane)	<i>Pritchardia aylmer-robinsonii</i>	E	11.00	0.00	11.00	0.15	11.15
868	Lo'ulu	<i>Pritchardia kaalae</i>	E	11.00	0.00	11.00	0.00	11.00
840	Lo'ulu	<i>Pritchardia munroi</i>	E	11.00	0.00	11.00	0.15	11.15
867	Lo'ulu	<i>Pritchardia napaliensis</i>	E	11.00	0.00	11.00	0.00	11.00
736	Lo'ulu	<i>Pritchardia remota</i>	E	11.00	1.00	12.00	0.00	12.00
790	Lo'ulu	<i>Pritchardia schattaueri</i>	E	11.00	0.00	11.00	0.25	11.25
773	Lo'ulu	<i>Pritchardia viscosa</i>	E	11.00	0.00	11.00	0.35	11.35
294	Plum, scrub	<i>Prunus geniculata</i>	E	49.00	0.14	49.14	0.00	49.14
746	Sunburst, Hartweg's golden	<i>Pseudobahia bahiifolia</i>	E	12.00	0.00	12.00	0.00	12.00
704	Sunburst, San Joaquin adobe	<i>Pseudobahia peirsonii</i>	T	12.00	0.37	12.37	0.00	12.37
805	Kaulu	<i>Pteralyxia kauaiensis</i>	E	11.00	0.00	11.00	0.20	11.20
392	Harperella	<i>Ptilimnium nodosum</i>	E	6.00	25.61	31.61	0.33	31.94
365	Cliff-rose, Arizona	<i>Purshia subintegra</i>	E	3.50	31.69	35.19	0.00	35.19
1189	Oak, Hinckley	<i>Quercus hinckleyi</i>	T	0.00	0.00	0.00	0.00	0.00
1156	Buttercup, autumn	<i>Ranunculus acriformis aestivalis</i>	E	0.00	0.00	0.00	0.20	0.20
824	No Common Name	<i>Remya kauaiensis</i>	E	11.00	0.00	11.00	0.20	11.20
674	Remya, Maui	<i>Remya mauiensis</i>	E	11.00	1.81	12.81	0.15	12.96
820	No Common Name	<i>Remya montgomeryi</i>	E	11.00	0.00	11.00	0.20	11.20
617	Rhododendron, Chapman	<i>Rhododendron chapmanii</i>	E	15.00	0.00	15.00	0.00	15.00

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
978	Sumac, Michaux's	<i>Rhus michauxii</i>	E	5.00	0.00	5.00	0.56	5.56
1155	Beaked-rush, Knieskern's	<i>Rhynchospora knieskernii</i>	T	0.00	0.00	0.00	0.20	0.20
1152	Gooseberry, Miccosukee	<i>Ribes echinellum</i>	T	0.00	0.30	0.30	0.00	0.30
497	Watercress, Gambel's	<i>Rorippa gambellii</i>	E	19.00	0.00	19.00	2.50	21.50
482	Arrowhead, bunched	<i>Sagittaria fasciculata</i>	E	11.80	0.00	11.80	10.56	22.36
852	Water-plantain, Kral's	<i>Sagittaria secundifolia</i>	T	8.00	3.10	11.10	0.00	11.10
475	No Common Name	<i>Sanicula mariversa</i>	E	11.00	11.70	22.70	0.00	22.70
298	No Common Name	<i>Sanicula purpurea</i>	E	41.00	7.30	48.30	0.25	48.55
677	Sandalwood, Lanai or `iliahi	<i>Santalum freycinetianum lanaiense</i>	E	11.00	1.90	12.90	0.00	12.90
384	Pitcher-plant, green	<i>Sarracenia oreophila</i>	E	29.00	3.20	32.20	0.00	32.20
995	Pitcher-plant, Alabama canebrake	<i>Sarracenia rubra alabamensis</i>	E	4.00	1.00	5.00	0.00	5.00
489	Pitcher-plant, mountain sweet	<i>Sarracenia rubra jonesii</i>	E	9.50	0.00	9.50	12.48	21.98
873	Naupaka, dwarf	<i>Scaevola coriacea</i>	E	11.00	0.00	11.00	0.00	11.00
699	Schiedea, Diamond Head	<i>Schiedea adamantis</i>	E	12.00	0.00	12.00	0.45	12.45
870	Ma`oli`oli	<i>Schiedea apokremnos</i>	E	11.00	0.00	11.00	0.00	11.00
885	No Common Name	<i>Schiedea haleakalensis</i>	E	11.00	0.00	11.00	0.00	11.00
821	No Common Name	<i>Schiedea helleri</i>	E	11.00	0.00	11.00	0.20	11.20
279	No Common Name	<i>Schiedea hookeri</i>	E	41.00	11.70	52.70	0.00	52.70
682	No Common Name	<i>Schiedea kaalae</i>	E	12.00	0.00	12.00	0.80	12.80
844	No Common Name	<i>Schiedea kauaiensis</i>	E	11.00	0.00	11.00	0.15	11.15
680	Ma`oli`oli	<i>Schiedea kealiae</i>	E	12.00	0.00	12.00	0.80	12.80
884	No Common Name	<i>Schiedea lydgatei</i>	E	11.00	0.00	11.00	0.00	11.00
816	No Common Name	<i>Schiedea membranacea</i>	E	11.00	0.00	11.00	0.20	11.20
265	No Common Name	<i>Schiedea nuttallii</i>	E	41.00	14.08	55.08	0.20	55.28
878	No Common Name	<i>Schiedea sarmentosa</i>	E	11.00	0.00	11.00	0.00	11.00
883	No Common Name	<i>Schiedea spergulina leiopoda</i>	E	11.00	0.00	11.00	0.00	11.00
882	No Common Name	<i>Schiedea spergulina spergulina</i>	T	11.00	0.00	11.00	0.00	11.00
808	Laulihilihi, (=Ma`oli`oli)	<i>Schiedea stellarioides</i>	E	11.00	0.00	11.00	0.20	11.20
892	No Common Name	<i>Schiedea verticillata</i>	E	11.00	0.00	11.00	0.00	11.00
1076	Reed-mustard, clay	<i>Schoenocrambe argillacea</i>	T	0.00	2.10	2.10	0.20	2.30
947	Reed-mustard, Barneby	<i>Schoenocrambe barnebyi</i>	E	0.00	7.20	7.20	0.20	7.40
1157	Cress, toad-flax	<i>Schoenocrambe suffrutescens</i>	E	0.00	0.00	0.00	0.20	0.20
1044	No Common Name	<i>Schoepfia arenaria</i>	T	3.00	0.00	3.00	0.00	3.00
129	Chaffseed, American	<i>Schwalbea americana</i>	E	4.20	189.50	193.70	15.49	209.19
1008	Bulrush, Northeastern	<i>Scirpus ancistrochaetus</i>	E	2.80	0.88	3.68	0.55	4.23
915	Cactus, Unita Basin hookless	<i>Sclerocactus glaucus</i>	T	0.00	9.54	9.54	0.20	9.74
983	Cactus, Mesa Verde	<i>Sclerocactus mesae-verdae</i>	T	0.00	5.37	5.37	0.00	5.37
724	Cactus, Wright fishhook	<i>Sclerocactus wrightiae</i>	E	0.00	11.80	11.80	0.20	12.00
1194	Skullcap, Florida	<i>Scutellaria floridana</i>	T	0.00	0.00	0.00	0.00	0.00
468	Skullcap, large-flowered	<i>Scutellaria montana</i>	E	5.20	16.10	21.30	1.67	22.97
1026	Roseroot, Leedy's	<i>Sedum integrifolium leedyi</i>	T	1.90	1.81	3.71	0.00	3.71
1162	Groundsel, San Francisco Peaks	<i>Senecio franciscanus</i>	T	0.00	0.10	0.10	0.00	0.10
221	Butterweed, Layne's	<i>Senecio layneae</i>	T	72.50	1.49	73.99	0.00	73.99
866	Lagu, Hyan	<i>Serianthes nelsonii</i>	E	11.00	0.00	11.00	0.00	11.00
318	Ohai	<i>Sesbania tomentosa</i>	E	42.00	0.00	42.00	1.70	43.70
549	Rockcress, Santa Cruz Island	<i>Sibara filifolia</i>	E	18.50	0.00	18.50	0.00	18.50
827	`Anunu	<i>Sicyos alba</i>	E	11.00	0.00	11.00	0.15	11.15

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
102	Checker-mallow, Nelson's	<i>Sidalcea nelsoniana</i>	T	334.00	2.50	336.50	0.00	336.50
726	Checker-mallow, Kenwood Marsh	<i>Sidalcea oregana valida</i>	E	12.00	0.00	12.00	0.00	12.00
283	Checker-mallow, pedate	<i>Sidalcea pedata</i>	E	18.50	32.50	51.00	0.00	51.00
888	No Common Name	<i>Silene alexandri</i>	E	11.00	0.00	11.00	0.00	11.00
420	No Common Name	<i>Silene hawaiiensis</i>	T	29.00	0.00	29.00	0.15	29.15
444	No Common Name	<i>Silene lanceolata</i>	E	11.00	15.34	26.34	0.15	26.49
693	No Common Name	<i>Silene perlmanii</i>	E	12.00	0.00	12.00	0.55	12.55
559	Campion, fringed	<i>Silene polypetala</i>	E	18.00	0.00	18.00	0.00	18.00
1186	Irisette, white	<i>Sisyrinchium dichotomum</i>	E	0.00	0.00	0.00	0.00	0.00
1039	Erubia	<i>Solanum drymophilum</i>	E	3.00	0.00	3.00	0.00	3.00
333	Popolo ku mai	<i>Solanum incompletum</i>	E	41.00	0.00	41.00	0.35	41.35
683	Popolo `aiakeakua	<i>Solanum sandwicense</i>	E	12.00	0.00	12.00	0.75	12.75
1028	Goldenrod, white-haired	<i>Solidago albopilosa</i>	T	3.70	0.00	3.70	0.00	3.70
1025	Goldenrod, Houghton's	<i>Solidago houghtonii</i>	T	2.00	1.80	3.80	0.00	3.80
627	Goldenrod, Short's	<i>Solidago shortii</i>	E	14.50	0.00	14.50	0.00	14.50
954	Goldenrod, Blue Ridge	<i>Solidago spithamaea</i>	T	6.50	0.40	6.90	0.00	6.90
276	No Common Name	<i>Spermolepis hawaiiensis</i>	E	41.00	11.70	52.70	0.35	53.05
616	Pinkroot, gentian	<i>Spigelia gentianoides</i>	E	15.00	0.00	15.00	0.00	15.00
459	Spiraea, Virginia	<i>Spiraea virginiana</i>	T	18.50	4.55	23.05	0.84	23.89
1018	Ladies'-tresses, Canelo Hills	<i>Spiranthes delitescens</i>	E	0.00	4.00	4.00	0.00	4.00
67	Ladies'-tresses, Ute	<i>Spiranthes diluvialis</i>	T	354.00	446.27	800.27	1.63	801.90
329	Ladies'-tresses, Navasota	<i>Spiranthes parksii</i>	E	30.00	12.00	42.00	0.00	42.00
1017	Cobana negra	<i>Stahlia monosperma</i>	T	4.00	0.00	4.00	0.00	4.00
623	No Common Name	<i>Stenogyne angustifolia angustifolia</i>	E	11.00	3.64	14.64	0.15	14.79
654	No Common Name	<i>Stenogyne bifida</i>	E	11.00	2.38	13.38	0.15	13.53
775	No Common Name	<i>Stenogyne campanulata</i>	E	11.00	0.00	11.00	0.35	11.35
847	No Common Name	<i>Stenogyne kanehoana</i>	E	11.00	0.00	11.00	0.15	11.15
348	Wire-lettuce, Malheur	<i>Stephanomeria malheurensis</i>	E	35.00	2.50	37.50	0.00	37.50
732	Jewelflower, Metcalf Canyon	<i>Streptanthus albidus albidus</i>	E	12.00	0.00	12.00	0.00	12.00
733	Jewelflower, Tiburon	<i>Streptanthus niger</i>	E	12.00	0.00	12.00	0.00	12.00
1074	Palo de jazmin	<i>Styrax portoricensis</i>	E	2.00	0.50	2.50	0.00	2.50
1196	Snowbells, Texas	<i>Styrax texanus</i>	E	0.00	0.00	0.00	0.00	0.00
525	Seablite, California	<i>Suaeda californica</i>	E	17.00	2.20	19.20	0.00	19.20
590	Grass, Eureka Dune	<i>Swallenia alexandrae</i>	E	16.00	0.00	16.00	0.00	16.00
552	Taraxacum, California	<i>Taraxacum californicum</i>	E	18.50	0.00	18.50	0.00	18.50
1073	Palo colorado	<i>Ternstroemia luquillensis</i>	E	2.00	0.50	2.50	0.00	2.50
1071	No Common Name	<i>Ternstroemia subsessilis</i>	E	2.50	0.00	2.50	0.00	2.50
846	No Common Name	<i>Tetramolopium arenarium</i>	E	11.00	0.00	11.00	0.15	11.15
556	Pamakani	<i>Tetramolopium capillare</i>	E	11.00	7.25	18.25	0.00	18.25
476	No Common Name	<i>Tetramolopium filiforme</i>	E	11.00	11.70	22.70	0.00	22.70
582	No Common Name	<i>Tetramolopium lepidotum lepidotum</i>	E	12.00	3.64	15.64	0.45	16.09
845	No Common Name	<i>Tetramolopium remyi</i>	E	11.00	0.00	11.00	0.15	11.15
887	No Common Name	<i>Tetramolopium rockii</i>	T	11.00	0.00	11.00	0.00	11.00
440	`Ohe`ohe	<i>Tetraplasandra gymnocarpa</i>	E	11.00	15.70	26.70	0.25	26.95
1121	Meadowrue, Cooley's	<i>Thalictrum cooleyi</i>	E	1.00	0.00	1.00	0.00	1.00
238	Thelypody, Howell's spectacular	<i>Thelypodium howellii spectabilis</i>	T	69.00	0.00	69.00	0.00	69.00
301	Mustard, slender-petaled	<i>Thelypodium stenopetalum</i>	E	18.50	29.50	48.00	0.00	48.00

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RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)
710	Dogweed, ashy	<i>Thymophylla tephroleuca</i>	E	7.90	0.00	7.90	4.20	12.10
426	Fringepod, Santa Cruz Island	<i>Thysanocarpus conchuliferus</i>	E	28.00	0.50	28.50	0.00	28.50
676	Townsendia, Last Chance	<i>Townsendia aprica</i>	T	0.00	12.70	12.70	0.20	12.90
794	No Common Name	<i>Trematolobelia singularis</i>	E	11.00	0.00	11.00	0.25	11.25
991	Bariaco	<i>Trichilia triacantha</i>	E	5.00	0.00	5.00	0.00	5.00
537	Bluecurls, Hidden Lake	<i>Trichostema austromontanum compactum</i>	T	18.50	0.00	18.50	0.00	18.50
639	Clover, showy Indian	<i>Trifolium amoenum</i>	E	14.00	0.00	14.00	0.00	14.00
400	Clover, running buffalo	<i>Trifolium stoloniferum</i>	E	9.00	20.04	29.04	1.40	30.44
587	Clover, Monterey	<i>Trifolium trichocalyx</i>	E	16.00	0.00	16.00	0.00	16.00
1139	Trillium, persistent	<i>Trillium persistens</i>	E	0.00	0.20	0.20	0.30	0.50
1004	Trillium, relict	<i>Trillium reliquum</i>	E	0.00	4.50	4.50	0.00	4.50
651	Orcutt grass, Greene's	<i>Tuctoria greenei</i>	E	12.00	1.60	13.60	0.00	13.60
328	Grass, Solano	<i>Tuctoria mucronata</i>	E	12.00	30.00	42.00	0.00	42.00
646	Opuhe	<i>Urera kaalae</i>	E	11.00	2.80	13.80	0.00	13.80
751	Vervain, Red Hills	<i>Verbena californica</i>	T	12.00	0.00	12.00	0.00	12.00
541	Crownbeard, big-leaved	<i>Verbesina dissita</i>	T	18.50	0.00	18.50	0.00	18.50
1067	No Common Name	<i>Vernonia proctorii</i>	E	2.50	0.00	2.50	0.00	2.50
567	Vetch, Hawaiian	<i>Vicia menziesii</i>	E	17.00	0.00	17.00	0.25	17.25
312	No Common Name	<i>Vigna o-wahuensis</i>	E	41.00	4.05	45.05	0.35	45.40
557	Pamakani	<i>Viola chamissoniana chamissoniana</i>	E	11.00	7.25	18.25	0.00	18.25
823	No Common Name	<i>Viola helenae</i>	E	11.00	0.00	11.00	0.20	11.20
812	Nani wai'ale'ale	<i>Viola kauaiensis wahiawaensis</i>	E	11.00	0.00	11.00	0.20	11.20
685	Viola lanaiensis	<i>Viola lanaiensis</i>	E	11.00	0.00	11.00	1.70	12.70
533	No Common Name	<i>Viola oahuensis</i>	E	11.00	7.30	18.30	0.25	18.55
636	Warea, wide-leaf	<i>Warea amplexifolia</i>	E	14.00	0.03	14.03	0.00	14.03
926	Mustard, Carter's	<i>Warea carteri</i>	E	2.00	7.03	9.03	0.00	9.03
753	Iliau, dwarf	<i>Wilkesia hobdyi</i>	E	11.00	0.50	11.50	0.20	11.70
774	Maua	<i>Xylosma crenatum</i>	E	11.00	0.00	11.00	0.35	11.35
606	Grass, Tennessee yellow-eyed	<i>Xyris tennesseensis</i>	E	11.00	4.20	15.20	0.00	15.20
781	A`e	<i>Zanthoxylum dipetalum tomentosum</i>	E	11.00	0.00	11.00	0.25	11.25
647	A`e	<i>Zanthoxylum hawaiiense</i>	E	11.00	2.38	13.38	0.35	13.73
1053	Prickly-ash, St. Thomas	<i>Zanthoxylum thomasianum</i>	E	3.00	0.00	3.00	0.00	3.00
923	Wild-rice, Texas	<i>Zizania texana</i>	E	8.00	1.30	9.30	0.00	9.30
235	Ziziphus, Florida	<i>Ziziphus celata</i>	E	26.00	45.03	71.03	0.00	71.03
	<b>FLOWERING PLANTS Subtotals</b>	<b># of Species</b>	<b>686</b>	<b>12,144.25</b>	<b>5,583.52</b>	<b>17,727.77</b>	<b>276.78</b>	<b>18,004.56</b>
	<b>CONIFERS</b>							
330	Cypress, Santa Cruz	<i>Cupressus abramsiana</i>	E	41.50	0.00	41.50	0.00	41.50
595	Cypress, Gowen	<i>Cupressus goveniana goveniana</i>	T	16.00	0.00	16.00	0.00	16.00
314	Torreya, Florida	<i>Torreya taxifolia</i>	E	0.00	45.00	45.00	0.00	45.00
	<b>CONIFERS Subtotals</b>	<b># of Species</b>	<b>3</b>	<b>57.50</b>	<b>45.00</b>	<b>102.50</b>	<b>0.00</b>	<b>102.50</b>
	<b>FERNS AND ALLIES</b>							
317	Fern, pendant kihi	<i>Adenophorus periens</i>	E	41.00	2.38	43.38	0.35	43.73
1086	Adiantum vivesii (=Sci. Name)	<i>Adiantum vivesii</i>	E	2.00	0.00	2.00	0.00	2.00
851	Asplenium fragile insulare (=Sci. Name)	<i>Asplenium fragile insulare</i>	E	11.00	0.00	11.00	0.15	11.15
975	Fern, American hart's-tongue	<i>Asplenium scolopendrium americanum</i>	T	5.00	0.86	5.86	0.00	5.86

TABLE 1. FY 1999 REPORTED EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	
471	Pauoa	<i>Ctenitis squamigera</i>	E	11.00	11.70	22.70	0.20	22.90	
1082	Fern, Elfin tree	<i>Cyathea dryopteroides</i>	E	2.00	0.00	2.00	0.00	2.00	
326	Diellia, asplenium-leaved	<i>Diellia erecta</i>	E	41.00	0.80	41.80	0.35	42.15	
451	Diellia falcata (=Sci. Name)	<i>Diellia falcata</i>	E	11.00	14.50	25.50	0.00	25.50	
826	Diellia pallida (=Sci. Name)	<i>Diellia pallida</i>	E	11.00	0.00	11.00	0.20	11.20	
898	Diellia unisora (=Sci. Name)	<i>Diellia unisora</i>	E	11.00	0.00	11.00	0.00	11.00	
756	Diplazium molokaiense (=Sci. Name)	<i>Diplazium molokaiense</i>	E	11.00	0.23	11.23	0.45	11.68	
1057	Elaphoglossum serpens (=Sci. Name)	<i>Elaphoglossum serpens</i>	E	2.00	0.86	2.86	0.00	2.86	
601	Wawae`iole	<i>Huperzia mannii</i>	E	11.00	4.50	15.50	0.15	15.65	
169	Quillwort, Louisiana	<i>Isoetes louisianensis</i>	E	0.00	120.34	120.34	1.05	121.39	
1201	Quillwort, black spored	<i>Isoetes melanospora</i>	E	0.00	0.00	0.00	0.00	0.00	
1202	Quillwort, mat-forming	<i>Isoetes tegetiformans</i>	E	0.00	0.00	0.00	0.00	0.00	
700	Ihi`ihi	<i>Marsilea villosa</i>	E	12.00	0.00	12.00	0.45	12.45	
672	Wawae`iole, (=ha`iwale)	<i>Phlegmariurus nutans</i>	E	12.00	0.00	12.00	1.00	13.00	
972	Fern, Aleutian shield	<i>Polystichum aleuticum</i>	E	6.00	0.00	6.00	0.00	6.00	
1056	Polystichum calderonense (=Sci. Name)	<i>Polystichum calderonense</i>	E	3.00	0.00	3.00	0.00	3.00	
534	Pteris lidgatei (=Sci. Name)	<i>Pteris lidgatei</i>	E	11.00	7.30	18.30	0.25	18.55	
1055	Tectaria estremerana (=Sci. Name)	<i>Tectaria estremerana</i>	E	3.00	0.00	3.00	0.00	3.00	
1085	Thelypteris inabonensis (=Sci. Name)	<i>Thelypteris inabonensis</i>	E	2.00	0.00	2.00	0.00	2.00	
1131	Fern, Alabama streak-sorus	<i>Thelypteris pilosa alabamensis</i>	T	0.00	1.00	1.00	0.00	1.00	
1084	Thelypteris verecunda (=Sci. Name)	<i>Thelypteris verecunda</i>	E	2.00	0.00	2.00	0.00	2.00	
1083	Thelypteris yaucoensis (=Sci. Name)	<i>Thelypteris yaucoensis</i>	E	2.00	0.00	2.00	0.00	2.00	
	<b>FERNS AND ALLIES Subtotals</b>		<b># of Species</b>	<b>26</b>	<b>223.00</b>	<b>164.48</b>	<b>387.48</b>	<b>4.60</b>	<b>392.08</b>
	<b>LICHENS</b>								
481	Cladonia, Florida perforate	<i>Cladonia perforata</i>	E	21.00	1.50	22.50	0.00	22.50	
902	Lichen, rock gnome	<i>Gymnoderma lineare</i>	E	0.00	10.60	10.60	0.00	10.60	
	<b>LICHENS Subtotals</b>		<b># of Species</b>	<b>2</b>	<b>21.00</b>	<b>12.10</b>	<b>33.10</b>	<b>0.00</b>	<b>33.10</b>
	<b>PLANTS Subtotals</b>		<b># of Species</b>	<b>717</b>	<b>12,445.75</b>	<b>5,805.11</b>	<b>18,250.86</b>	<b>281.38</b>	<b>18,532.24</b>
	<b>TOTALS</b>		<b># of Species</b>	<b>1202</b>	<b>52,748.74</b>	<b>292,426.31</b>	<b>345,175.05</b>	<b>91,907.41</b>	<b>437,082.46</b>

Table 2.

SPECIES RANKED IN DESCENDING ORDER  
OF TOTAL FY 1999 REPORTED EXPENDITURES

Species are arranged in descending rank order by total identifiable expenditures (Table 1). Cumulative totals and percentages of the general expenditures total (\$437.08 million) are provided for comparison. None of these reported totals include known costs for land acquisition; see Table 3 for those costs reported to the Service.

For purposes of rank, each of the nine vertebrate species that have both an endangered and a threatened population on the list are ranked as one species. The nine are identifiable by the "E,T" in the STATUS column.

The cumulative total column is the sum of all higher ranked Species Totals (from Table 1) and the selected species entry; cumulative percent is based upon \$437.08 million. (Example: \$238.47 million or 54.56% of all reported expenditures are for the top 10 species; see species Rank No. 10.)



TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
1	Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	E, T	57,050.27	57,050.27	13.05%
2	Steelhead	<i>Oncorhynchus mykiss</i>	E, T	53,125.87	110,176.14	25.21%
3	Salmon, coho	<i>Oncorhynchus kisutch</i>	T	37,979.76	148,155.90	33.90%
4	Salmon, chum	<i>Oncorhynchus keta</i>	T	30,864.04	179,019.94	40.96%
5	Salmon, sockeye	<i>Oncorhynchus nerka</i>	E, T	16,477.24	195,497.18	44.73%
6	Woodpecker, red-cockaded	<i>Picoides borealis</i>	E	10,712.47	206,209.64	47.18%
7	Trout, bull	<i>Salvelinus confluentus</i>	T	9,749.12	215,958.76	49.41%
8	Owl, northern spotted	<i>Strix occidentalis caurina</i>	T	8,466.12	224,424.88	51.35%
9	Sea-lion, Steller	<i>Eumetopias jubatus</i>	E, T	7,234.11	231,659.00	53.00%
10	Crane, whooping	<i>Grus americana</i>	E	6,810.00	238,468.99	54.56%
11	Murrelet, marbled	<i>Brachyramphus marmoratus marmoratus</i>	T	6,648.23	245,117.22	56.08%
12	Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	6,570.12	251,687.34	57.58%
13	Sucker, razorback	<i>Xyrauchen texanus</i>	E	5,780.26	257,467.60	58.91%
14	Panther, Florida	<i>Puma concolor coryi</i>	E	5,650.34	263,117.94	60.20%
15	Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	E	5,485.03	268,602.97	61.45%
16	Sculpin, pygmy	<i>Cottus pygmaeus</i>	T	5,299.00	273,901.97	62.67%
17	Sea turtle, loggerhead	<i>Caretta caretta</i>	T	5,298.36	279,200.33	63.88%
18	Tortoise, desert	<i>Gopherus agassizii</i>	T	5,084.20	284,284.54	65.04%
19	Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	E	5,075.62	289,360.16	66.20%
20	Bear, grizzly	<i>Ursus arctos horribilis</i>	T	4,984.16	294,344.32	67.34%
21	Sea turtle, green	<i>Chelonia mydas</i>	E, T	4,625.39	298,969.71	68.40%
22	Pikeminnow, Colorado	<i>Ptychocheilus lucius</i>	E	4,533.12	303,502.83	69.44%
23	Manatee, West Indian	<i>Trichechus manatus</i>	E	4,351.32	307,854.15	70.43%
24	Sea turtle, hawksbill	<i>Eretmochelys imbricata</i>	E	4,296.79	312,150.94	71.42%
25	Sea turtle, Kemp's ridley	<i>Lepidochelys kempii</i>	E	4,262.33	316,413.26	72.39%
26	Sea turtle, leatherback	<i>Dermochelys coriacea</i>	E	4,195.98	320,609.25	73.35%
27	Sea turtle, olive ridley	<i>Lepidochelys olivacea</i>	E, T	3,867.63	324,476.87	74.24%
28	Sturgeon, white	<i>Acipenser transmontanus</i>	E	3,368.31	327,845.18	75.01%
29	Whale, right	<i>Balaena glacialis</i>	E	3,272.80	331,117.98	75.76%
30	Wolf, gray	<i>Canis lupus</i>	E, T	3,094.45	334,212.43	76.46%
31	Shrike, San Clemente loggerhead	<i>Lanius ludovicianus mearnsi</i>	E	2,827.54	337,039.97	77.11%
32	Gnatcatcher, coastal California	<i>Polioptila californica californica</i>	T	2,684.85	339,724.82	77.73%
33	Plover, piping	<i>Charadrius melodus</i>	E, T	2,469.89	342,194.71	78.29%
34	Bat, Indiana	<i>Myotis sodalis</i>	E	2,210.02	344,404.72	78.80%
35	Falcon, American peregrine	<i>Falco peregrinus anatum</i>	E	2,178.22	346,582.94	79.29%
36	Trout, Lahontan cutthroat	<i>Oncorhynchus clarki henshawi</i>	T	1,967.31	348,550.25	79.74%
37	Stork, wood	<i>Mycteria americana</i>	E	1,896.10	350,446.35	80.18%
38	Ferret, black-footed	<i>Mustela nigripes</i>	E	1,801.55	352,247.89	80.59%
39	Chub, humpback	<i>Gila cypha</i>	E	1,676.24	353,924.13	80.97%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
40	Tern, least	<i>Sterna antillarum</i>	E	1,580.18	355,504.31	81.34%
41	Toad, arroyo	<i>Bufo microscaphus californicus</i>	E	1,505.06	357,009.37	81.68%
42	Chub, bonytail	<i>Gila elegans</i>	E	1,413.99	358,423.36	82.00%
43	Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	T	1,411.69	359,835.05	82.33%
44	Parrot, Puerto Rican	<i>Amazona vittata</i>	E	1,275.79	361,110.84	82.62%
45	Wolf, red	<i>Canis rufus</i>	E	1,254.55	362,365.39	82.91%
46	Sucker, Lost River	<i>Deltistes luxatus</i>	E	1,245.84	363,611.23	83.19%
47	Sucker, shortnose	<i>Chasmistes brevirostris</i>	E	1,241.39	364,852.62	83.47%
48	Condor, California	<i>Gymnogyps californianus</i>	E	1,184.67	366,037.29	83.75%
49	Seal, Hawaiian monk	<i>Monachus schauinslandi</i>	E	1,104.83	367,142.12	84.00%
50	Sturgeon, pallid	<i>Scaphirhynchus albus</i>	E	1,088.88	368,231.00	84.25%
51	Vireo, black-capped	<i>Vireo atricapillus</i>	E	1,086.66	369,317.66	84.50%
52	Pronghorn, Sonoran	<i>Antilocapra americana sonoriensis</i>	E	1,070.50	370,388.16	84.74%
53	Frog, California red-legged	<i>Rana aurora draytonii</i>	T	1,067.50	371,455.65	84.99%
54	Mouse, Preble's meadow jumping	<i>Zapus hudsonius preblei</i>	T	1,059.24	372,514.90	85.23%
55	Tern, California least	<i>Sterna antillarum browni</i>	E	1,058.34	373,573.23	85.47%
56	Darter, Okaloosa	<i>Etheostoma okaloosae</i>	E	1,016.37	374,589.61	85.70%
57	Vireo, least Bell's	<i>Vireo bellii pusillus</i>	E	985.39	375,575.00	85.93%
58	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	E	941.13	376,516.13	86.14%
59	Minnow, Rio Grande silvery	<i>Hybognathus amarus</i>	E	924.59	377,440.72	86.35%
60	Snake, giant garter	<i>Thamnophis gigas</i>	T	913.37	378,354.09	86.56%
61	Warbler, golden-cheeked	<i>Dendroica chrysoparia</i>	E	897.56	379,251.65	86.77%
62	Cui-ui	<i>Chasmistes cujus</i>	E	882.59	380,134.24	86.97%
63	Plover, western snowy	<i>Charadrius alexandrinus nivosus</i>	T	860.71	380,994.95	87.17%
64	Smelt, delta	<i>Hypomesus transpacificus</i>	T	849.00	381,843.95	87.36%
65	Bat, gray	<i>Myotis grisescens</i>	E	834.65	382,678.60	87.55%
66	Butterfly, Karner blue	<i>Lycaeides melissa samuelis</i>	E	807.36	383,485.96	87.74%
67	Ladies'-tresses, Ute	<i>Spiranthes diluvialis</i>	T	801.90	384,287.86	87.92%
68	Howellia, water	<i>Howellia aquatilis</i>	T	742.33	385,030.19	88.09%
69	Warbler, Kirtland's	<i>Dendroica kirtlandii</i>	E	688.50	385,718.69	88.25%
70	Stilt, Hawaiian	<i>Himantopus mexicanus knudseni</i>	E	686.21	386,404.90	88.41%
71	Albatross, short-tailed	<i>Phoebastria albatrus</i>	E	635.60	387,040.50	88.55%
72	Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	T	631.32	387,671.82	88.70%
73	Crow, Mariana	<i>Corvus kubaryi</i>	E	620.50	388,292.32	88.84%
74	Jay, Florida scrub	<i>Aphelocoma coerulescens</i>	T	619.05	388,911.37	88.98%
75	Otter, southern sea	<i>Enhydra lutris nereis</i>	T	614.80	389,526.17	89.12%
76	Springsnail, Bruneau Hot	<i>Pyrgulopsis bruneauensis</i>	E	579.18	390,105.35	89.25%
77	Shiner, Pecos bluntnose	<i>Notropis simus pecosensis</i>	T	551.75	390,657.10	89.38%
78	Fairy shrimp, San Diego	<i>Branchinecta sandiegonensis</i>	E	549.60	391,206.70	89.50%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
79	Rail, Guam	<i>Rallus owstoni</i>	E	545.74	391,752.44	89.63%
80	Rock-creep, McDonald's	<i>Arabis mcdonaldiana</i>	E	545.40	392,297.84	89.75%
81	Deer, Key	<i>Odocoileus virginianus clavium</i>	E	530.28	392,828.11	89.88%
82	Eider, spectacled	<i>Somateria fischeri</i>	T	508.50	393,336.61	89.99%
83	Whale, humpback	<i>Megaptera novaeangliae</i>	E	491.60	393,828.21	90.10%
84	Pygmy-owl, cactus ferruginous	<i>Glaucidium brasilianum cactorum</i>	E	475.40	394,303.61	90.21%
85	Bear, Louisiana black	<i>Ursus americanus luteolus</i>	T	453.22	394,756.84	90.32%
86	Spikedace	<i>Meda fulgida</i>	T	428.14	395,184.98	90.41%
87	Eider, Steller's	<i>Polysticta stelleri</i>	T	418.00	395,602.98	90.51%
88	Trout, greenback cutthroat	<i>Oncorhynchus clarki stomias</i>	T	411.06	396,014.04	90.60%
89	Splittail, Sacramento	<i>Pogonichthys macrolepidotus</i>	T	403.61	396,417.64	90.70%
90	Button-celery, San Diego	<i>Eryngium aristulatum parishii</i>	E	400.40	396,818.04	90.79%
91	Lomatium, Bradshaw's	<i>Lomatium bradshawii</i>	E	396.50	397,214.54	90.88%
92	Topminnow, Gila	<i>Poeciliopsis occidentalis</i>	E	385.60	397,600.14	90.97%
93	Tadpole shrimp, vernal pool	<i>Lepidurus packardii</i>	E	381.50	397,981.65	91.05%
94	Mesa-mint, San Diego	<i>Pogogyne abramsii</i>	E	367.20	398,348.85	91.14%
95	Trout, Gila	<i>Oncorhynchus gilae</i>	E	364.00	398,712.85	91.22%
96	Snake, eastern indigo	<i>Drymarchon corais couperi</i>	T	361.29	399,074.14	91.30%
97	Prairie dog, Utah	<i>Cynomys parvidens</i>	T	357.35	399,431.49	91.39%
98	Minnow, loach	<i>Tiaroga cobitis</i>	T	352.02	399,783.52	91.47%
99	Lily, Western	<i>Lilium occidentale</i>	E	349.00	400,132.52	91.55%
100	Tortoise, gopher	<i>Gopherus polyphemus</i>	T	342.01	400,474.53	91.62%
101	Sturgeon, shortnose	<i>Acipenser brevirostrum</i>	E	338.82	400,813.35	91.70%
102	Checker-mallow, Nelson's	<i>Sidalcea nelsoniana</i>	T	336.50	401,149.85	91.78%
103	Moorhen, Mariana common	<i>Gallinula chloropus guami</i>	E	323.00	401,472.85	91.85%
104	Sparrow, Cape Sable seaside	<i>Ammodramus maritimus mirabilis</i>	E	320.00	401,792.85	91.93%
105	Sheep, bighorn	<i>Ovis canadensis</i>	E	317.80	402,110.65	92.00%
106	Snails, Oahu tree	<i>Achatinella spp.</i>	E	312.83	402,423.48	92.07%
107	Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	T	301.83	402,725.31	92.14%
108	Goby, tidewater	<i>Eucyclogobius newberryi</i>	E	298.77	403,024.09	92.21%
109	Pelican, brown	<i>Pelecanus occidentalis</i>	E	298.05	403,322.14	92.28%
110	Bat, lesser long-nosed	<i>Leptonycteris curasoae yerbabuena</i>	E	287.63	403,609.76	92.34%
111	Rail, California clapper	<i>Rallus longirostris obsoletus</i>	E	284.74	403,894.51	92.41%
112	Goose, Hawaiian	<i>Branta sandvicensis</i>	E	284.07	404,178.58	92.47%
113	Shiner, Topeka	<i>Notropis topeka</i>	E	283.20	404,461.78	92.54%
114	Dragonfly, Hine's emerald	<i>Somatochlora hineana</i>	E	267.82	404,729.60	92.60%
115	Orchid, western prairie fringed	<i>Platanthera praeclara</i>	T	261.50	404,991.10	92.66%
116	Kangaroo rat, Stephens'	<i>Dipodomys stephensi</i>	E	257.17	405,248.27	92.72%
117	Snail, Utah valvata	<i>Valvata utahensis</i>	E	256.21	405,504.48	92.78%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
118	Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	E	251.67	405,756.15	92.83%
119	Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	E	250.60	406,006.75	92.89%
120	Caribou, woodland	<i>Rangifer tarandus caribou</i>	E	248.20	406,254.95	92.95%
121	Kangaroo rat, giant	<i>Dipodomys ingens</i>	E	243.83	406,498.78	93.00%
122	Rail, Yuma clapper	<i>Rallus longirostris yumanensis</i>	E	236.37	406,735.15	93.06%
123	Megapode, Micronesian	<i>Megapodius laperouse</i>	E	231.90	406,967.05	93.11%
124	Swiftlet, Mariana gray	<i>Aerodramus vanikorensis bartschi</i>	E	228.66	407,195.71	93.16%
125	Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	E	224.87	407,420.58	93.21%
126	Sturgeon, Gulf	<i>Acipenser oxyrinchus desotoi</i>	T	222.41	407,642.99	93.26%
127	Salamander, Barton Springs	<i>Eurycea sosorum</i>	E	219.40	407,862.39	93.31%
128	Kangaroo rat, Tipton	<i>Dipodomys nitratoides nitratoides</i>	E	214.92	408,077.31	93.36%
129	Chaffseed, American	<i>Schwalbea americana</i>	E	209.19	408,286.50	93.41%
130	Clubshell	<i>Pleurobema clava</i>	E	208.71	408,495.21	93.46%
131	Bat, Mariana fruit	<i>Pteropus mariannus mariannus</i>	E	203.00	408,698.21	93.51%
132	Sucker, Warner	<i>Catostomus warnerensis</i>	T	200.93	408,899.13	93.55%
133	Higgins eye	<i>Lampsilis higginsii</i>	E	195.40	409,094.54	93.60%
134	Beetle, American burying	<i>Nicrophorus americanus</i>	E	194.91	409,289.45	93.64%
135	Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	T	193.82	409,483.27	93.69%
136	Orchid, eastern prairie fringed	<i>Platanthera leucophaea</i>	T	190.59	409,673.87	93.73%
137	Turtle, bog	<i>Clemmys muhlenbergii</i>	T	183.16	409,857.03	93.77%
138	Crayfish, Shasta	<i>Pacifastacus fortis</i>	E	179.76	410,036.79	93.81%
139	Kangaroo rat, Fresno	<i>Dipodomys nitratoides exilis</i>	E	172.08	410,208.87	93.85%
140	Kangaroo rat, San Bernardino Merriam's	<i>Dipodomys merriami parvus</i>	E	170.07	410,378.94	93.89%
141	Sucker, Modoc	<i>Catostomus microps</i>	E	169.60	410,548.54	93.93%
142	Wallflower, Menzies'	<i>Erysimum menziesii</i>	E	169.50	410,718.04	93.97%
143	Four-o'clock, MacFarlane's	<i>Mirabilis macfarlanei</i>	T	169.00	410,887.04	94.01%
144	Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	E	168.50	411,055.54	94.05%
145	Mouse, Pacific pocket	<i>Perognathus longimembris pacificus</i>	E	167.82	411,223.36	94.08%
146	Seagrass, Johnson's	<i>Halophila johnsonii</i>	T	162.00	411,385.36	94.12%
147	Spinedace, Little Colorado	<i>Lepidomeda vittata</i>	T	160.73	411,546.10	94.16%
148	Squirrel, Carolina northern flying	<i>Glaucomys sabrinus coloratus</i>	E	157.00	411,703.10	94.19%
149	Sparrow, Florida grasshopper	<i>Ammodramus savannarum floridanus</i>	E	156.70	411,859.80	94.23%
150	Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	E	154.74	412,014.54	94.26%
151	Kingfisher, Guam Micronesian	<i>Halcyon cinnamomina cinnamomina</i>	E	153.50	412,168.04	94.30%
152	Loosestrife, rough-leaved	<i>Lysimachia asperulaefolia</i>	E	153.44	412,321.48	94.33%
153	Shiner, Arkansas River	<i>Notropis girardi</i>	T	149.92	412,471.40	94.37%
154	Butterfly, Oregon silverspot	<i>Speyeria zerene hippolyta</i>	T	148.95	412,620.35	94.40%
155	Brodiaea, thread-leaved	<i>Brodiaea filifolia</i>	T	140.14	412,760.49	94.44%
156	Logperch, Roanoke	<i>Percina rex</i>	E	140.10	412,900.59	94.47%

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157	Fairy shrimp, Riverside	<i>Streptocephalus woottoni</i>	E	138.10	413,038.69	94.50%
158	Thistle, Pitcher's	<i>Cirsium pitcheri</i>	T	135.70	413,174.39	94.53%
159	Milk-vetch, Applegate's	<i>Astragalus applegatei</i>	E	134.38	413,308.77	94.56%
160	Pondberry	<i>Lindera melissifolia</i>	E	131.05	413,439.82	94.59%
161	Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	E	130.84	413,570.66	94.62%
162	Prairie-chicken, Attwater's greater	<i>Tympanuchus cupido attwateri</i>	E	128.88	413,699.54	94.65%
163	Chub, Oregon	<i>Oregonichthys crameri</i>	E	128.33	413,827.87	94.68%
164	Coot, Hawaiian	<i>Fulica americana alai</i>	E	128.26	413,956.13	94.71%
165	Whale, blue	<i>Balaenoptera musculus</i>	E	125.40	414,081.53	94.74%
166	Mapleleaf, winged	<i>Quadrula fragosa</i>	E	124.70	414,206.23	94.77%
167	Falcon, northern aplomado	<i>Falco femoralis septentrionalis</i>	E	123.25	414,329.48	94.79%
168	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	E	121.39	414,450.88	94.82%
169	Quillwort, Louisiana	<i>Isoetes louisianensis</i>	E	121.39	414,572.27	94.85%
170	Tern, roseate	<i>Sterna dougallii dougallii</i>	E, T	119.98	414,692.25	94.88%
171	Trout, Paiute cutthroat	<i>Oncorhynchus clarki seleniris</i>	T	118.14	414,810.39	94.90%
172	Salamander, flatwoods	<i>Ambystoma cingulatum</i>	T	117.96	414,928.35	94.93%
173	Duck, Hawaiian	<i>Anas wyvilliana</i>	E	117.70	415,046.05	94.96%
174	Jewelflower, California	<i>Caulanthus californicus</i>	E	116.83	415,162.87	94.99%
175	Layia, beach	<i>Layia carnosa</i>	E	115.00	415,277.87	95.01%
176	Chub, Virgin River	<i>Gila robusta seminuda</i>	E	112.10	415,389.97	95.04%
177	Butterfly, Palos Verdes blue	<i>Glaucopsyche lygdamus palosverdesensis</i>	E	111.50	415,501.47	95.06%
178	Amaranth, seabeach	<i>Amaranthus pumilus</i>	T	110.52	415,611.99	95.09%
179	Wedgemussel, dwarf	<i>Alasmidonta heterodon</i>	E	108.45	415,720.45	95.11%
180	Nukupu`u	<i>Hemignathus lucidus</i>	E	104.78	415,825.23	95.14%
181	Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	E	104.65	415,929.88	95.16%
182	Po`ouli	<i>Melamprosops phaeosoma</i>	E	104.25	416,034.13	95.18%
183	Parrotbill, Maui	<i>Pseudonestor xanthophrys</i>	E	103.87	416,138.00	95.21%
184	Darter, leopard	<i>Percina pantherina</i>	T	103.67	416,241.68	95.23%
185	Woundfin	<i>Plagopterus argentissimus</i>	E	102.40	416,344.08	95.26%
186	Pigeon, Puerto Rican plain	<i>Columba inornata wetmorei</i>	E	101.50	416,445.58	95.28%
187	Ambersnail, Kanab	<i>Oxyloma haydeni kanabensis</i>	E	98.87	416,544.45	95.30%
188	Butterfly, Quino checkerspot	<i>Euphydryas editha quino</i>	E	97.85	416,642.30	95.32%
189	Jacquemontia, beach	<i>Jacquemontia reclinata</i>	E	97.00	416,739.30	95.35%
190	Gerardia, sandplain	<i>Agalinis acuta</i>	E	96.86	416,836.15	95.37%
191	Paintbrush, golden	<i>Castilleja levisecta</i>	T	94.40	416,930.55	95.39%
192	Springfish, White River	<i>Crenichthys baileyi baileyi</i>	E	92.90	417,023.45	95.41%
193	Bat, Ozark big-eared	<i>Corynorhinus townsendii ingens</i>	E	91.90	417,115.35	95.43%
194	Milk-vetch, Peirson's	<i>Astragalus magdalenae peirsonii</i>	T	91.75	417,207.10	95.45%
195	Fly, Delhi Sands flower-loving	<i>Rhaphiomidas terminatus abdominalis</i>	E	91.50	417,298.60	95.47%

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196	Bat, Virginia big-eared	<i>Corynorhinus townsendii virginianus</i>	E	91.00	417,389.61	95.49%
197	Heelsplitter, Carolina	<i>Lasmigona decorata</i>	E	88.80	417,478.41	95.51%
198	Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	E	87.50	417,565.91	95.53%
199	Sunflower, Eggert's	<i>Helianthus eggertii</i>	T	87.20	417,653.11	95.55%
200	Moorhen, Hawaiian common	<i>Gallinula chloropus sandvicensis</i>	E	86.29	417,739.39	95.57%
201	Rattlesnake, New Mexican ridge-nosed	<i>Crotalus willardi obscurus</i>	T	86.05	417,825.44	95.59%
202	Daisy, Parish's	<i>Erigeron parishii</i>	T	86.00	417,911.44	95.61%
203	Ocelot	<i>Leopardus pardalis</i>	E	85.20	417,996.64	95.63%
204	Springsnail, Idaho	<i>Fonticella idahoensis</i>	E	84.05	418,080.69	95.65%
205	Bladderpod, San Bernardino Mountains	<i>Lesquerella kingii bernardina</i>	E	84.00	418,164.69	95.67%
206	Buckwheat, cushenbury	<i>Eriogonum ovalifolium vineum</i>	E	84.00	418,248.69	95.69%
207	Milk-vetch, Cushenbury	<i>Astragalus albens</i>	E	84.00	418,332.69	95.71%
208	Oxytheca, cushenbury	<i>Oxytheca parishii goodmaniana</i>	E	84.00	418,416.69	95.73%
209	Cactus, Pima pineapple	<i>Coryphantha scheeri robustispina</i>	E	83.00	418,499.69	95.75%
210	Rail, light-footed clapper	<i>Rallus longirostris levipes</i>	E	82.44	418,582.13	95.77%
211	Squirrel, Mount Graham red	<i>Tamiasciurus hudsonicus grahamensis</i>	E	80.28	418,662.41	95.79%
212	Palila	<i>Loxioides bailleui</i>	E	79.64	418,742.05	95.80%
213	Bladderpod, Missouri	<i>Lesquerella filiformis</i>	E	79.60	418,821.65	95.82%
214	Tarplant, Otay	<i>Hemizonia conjugens</i>	T	79.50	418,901.15	95.84%
215	Akepa, Maui	<i>Loxops coccineus ochraceus</i>	E	79.48	418,980.63	95.86%
216	Mucket, pink	<i>Lampsilis abrupta</i>	E	78.30	419,058.93	95.88%
217	Warbler, nightingale reed	<i>Acrocephalus luscini</i>	E	78.00	419,136.93	95.89%
218	Boa, Puerto Rican	<i>Epicrates inornatus</i>	E	75.20	419,212.13	95.91%
219	Dace, desert	<i>Eremichthys acros</i>	T	74.10	419,286.23	95.93%
220	Snake, San Francisco garter	<i>Thamnophis sirtalis tetrataenia</i>	E	74.00	419,360.23	95.95%
221	Butterweed, Layne's	<i>Senecio layneae</i>	T	73.99	419,434.22	95.96%
222	Sucker, June	<i>Chasmistes liorus</i>	E	73.90	419,508.12	95.98%
223	Pocketbook, Ouachita rock	<i>Arkansia wheeleri</i>	E	73.60	419,581.72	96.00%
224	Bedstraw, El Dorado	<i>Galium californicum sierrae</i>	E	73.50	419,655.22	96.01%
225	Ceanothus, Pine Hill	<i>Ceanothus roderickii</i>	E	73.50	419,728.72	96.03%
226	Flannelbush, Pine Hill	<i>Fremontodendron californicum decumbens</i>	E	73.50	419,802.22	96.05%
227	Morning-glory, Stebbins'	<i>Calystegia stebbinsi</i>	E	73.50	419,875.72	96.06%
228	Dace, blackside	<i>Phoxinus cumberlandensis</i>	T	73.10	419,948.82	96.08%
229	Pupfish, Devils Hole	<i>Cyprinodon diabolis</i>	E	72.55	420,021.37	96.10%
230	Sheep, bighorn	<i>Ovis canadensis californiana</i>	E	71.88	420,093.25	96.11%
231	Madtom, Neosho	<i>Noturus placidus</i>	T	71.82	420,165.07	96.13%
232	Spineflower, slender-horned	<i>Dodecahema leptoceras</i>	E	71.50	420,236.57	96.15%
233	Thrush, small Kauai	<i>Myadestes palmeri</i>	E	71.30	420,307.88	96.16%
234	Crocodile, American	<i>Crocodylus acutus</i>	E	71.17	420,379.04	96.18%

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235	Ziziphus, Florida	<i>Ziziphus celata</i>	E	71.03	420,450.07	96.19%
236	Amphipod, Illinois cave	<i>Gammarus acherondytes</i>	E	70.50	420,520.57	96.21%
237	Navarretia, spreading	<i>Navarretia fossalis</i>	T	69.80	420,590.37	96.23%
238	Thelypody, Howell's spectacular	<i>Thelypodium howellii spectabilis</i>	T	69.00	420,659.37	96.24%
239	No Common Name	<i>Bonamia menziesii</i>	E	68.95	420,728.32	96.26%
240	Snail, Bliss Rapids	<i>Taylorconcha serpenticola</i>	T	68.55	420,796.87	96.27%
241	Limpet, Banbury Springs	<i>Lanx sp.</i>	E	68.33	420,865.20	96.29%
242	Snail, Snake River physa	<i>Physa natricina</i>	E	67.95	420,933.15	96.31%
243	Kangaroo rat, Morro Bay	<i>Dipodomys heermanni morroensis</i>	E	67.72	421,000.87	96.32%
244	Sparrow, San Clemente sage	<i>Amphispiza belli clementeae</i>	T	67.60	421,068.47	96.34%
245	Spinedace, White River	<i>Lepidomeda albivallis</i>	E	67.50	421,135.97	96.35%
246	Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	E	66.60	421,202.57	96.37%
247	Potato-bean, Price's	<i>Apios priceana</i>	T	66.53	421,269.10	96.38%
248	Aster, decurrent false	<i>Boltonia decurrens</i>	T	66.07	421,335.17	96.40%
249	Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i>	E	65.90	421,401.07	96.41%
250	Rabbit, Lower Keys marsh	<i>Sylvilagus palustris hefneri</i>	E	65.50	421,466.57	96.43%
251	Woodrat, Key Largo	<i>Neotoma floridana smalli</i>	E	65.00	421,531.57	96.44%
252	Pocketbook, fat	<i>Potamilus capax</i>	E	63.53	421,595.09	96.46%
253	Kuahiwi laukahi	<i>Plantago princeps</i>	E	62.51	421,657.61	96.47%
254	Lizard, Coachella Valley fringe-toed	<i>Uma inornata</i>	T	61.93	421,719.53	96.49%
255	Jaguar	<i>Panthera onca</i>	E	59.97	421,779.50	96.50%
256	Darter, Etowah	<i>Etheostoma etowahae</i>	E	59.87	421,839.37	96.51%
257	Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	E	59.10	421,898.47	96.53%
258	`Akoko	<i>Euphorbia haeleeleana</i>	E	58.70	421,957.17	96.54%
259	Dace, Moapa	<i>Moapa coriacea</i>	E	58.47	422,015.64	96.55%
260	Clubshell, southern	<i>Pleurobema decisum</i>	E	58.41	422,074.05	96.57%
261	Chub, Pahrnagat roundtail	<i>Gila robusta jordani</i>	E	58.40	422,132.45	96.58%
262	Monkshood, northern wild	<i>Aconitum noveboracense</i>	T	56.20	422,188.65	96.59%
263	Woolly-star, Hoover's	<i>Eriastrum hooveri</i>	T	56.14	422,244.80	96.61%
264	Spineflower, Monterey	<i>Chorizanthe pungens pungens</i>	T	56.00	422,300.80	96.62%
265	No Common Name	<i>Schiedea nuttallii</i>	E	55.28	422,356.08	96.63%
266	Bankclimber, purple	<i>Eliptoideus sloatianus</i>	T	55.00	422,411.08	96.64%
267	Three-ridge, fat	<i>Amblema neislerii</i>	E	55.00	422,466.08	96.66%
268	Snail, Morro shoulderband	<i>Helminthoglypta walkeriana</i>	E	55.00	422,521.08	96.67%
269	Snake, copperbelly water	<i>Nerodia erythrogaster neglecta</i>	T	54.88	422,575.95	96.68%
270	Silversword, Mauna Loa	<i>Argyroxiphium kauense</i>	E	54.50	422,630.45	96.69%
271	Honeycreeper, crested	<i>Palmeria dolei</i>	E	54.22	422,684.68	96.71%
272	Turtle, Alabama red-belly	<i>Pseudemys alabamensis</i>	E	54.10	422,738.78	96.72%
273	Darter, Niangua	<i>Etheostoma nianguae</i>	T	54.00	422,792.78	96.73%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
274	Pupfish, desert	<i>Cyprinodon macularius</i>	E	53.40	422,846.18	96.74%
275	Crow, Hawaiian	<i>Corvus hawaiiensis</i>	E	53.20	422,899.38	96.76%
276	No Common Name	<i>Spermolepis hawaiiensis</i>	E	53.05	422,952.43	96.77%
277	Hypericum, highlands scrub	<i>Hypericum cumulicola</i>	E	53.03	423,005.46	96.78%
278	Toad, Wyoming	<i>Bufo hemiophrys baxteri</i>	E	52.92	423,058.38	96.79%
279	No Common Name	<i>Schiedea hookeri</i>	E	52.70	423,111.08	96.80%
280	Mouse, Perdido Key beach	<i>Peromyscus polionotus trissyllepsis</i>	E	52.05	423,163.13	96.82%
281	Chub, Borax Lake	<i>Gila boraxobius</i>	E	51.50	423,214.63	96.83%
282	Pogonia, small whorled	<i>Isotria medeoloides</i>	T	51.20	423,265.82	96.84%
283	Checker-mallow, pedate	<i>Sidalcea pedata</i>	E	51.00	423,316.82	96.85%
284	Creeper, Hawaii	<i>Oreomystis mana</i>	E	50.44	423,367.26	96.86%
285	Trout, Little Kern golden	<i>Oncorhynchus aguabonita whitei</i>	T	50.26	423,417.52	96.87%
286	Akepa, Hawaii	<i>Loxops coccineus coccineus</i>	E	50.24	423,467.76	96.89%
287	Akiapola`au	<i>Hemignathus munroi</i>	E	50.24	423,518.00	96.90%
288	Lupine, clover	<i>Lupinus tidestromii</i>	E	50.00	423,568.00	96.91%
289	Cavefish, Ozark	<i>Amblyopsis rosae</i>	T	49.73	423,617.73	96.92%
290	Buckwheat, scrub	<i>Eriogonum longifolium gnaphalifolium</i>	T	49.66	423,667.39	96.93%
291	Hawk, Hawaiian	<i>Buteo solitarius</i>	E	49.65	423,717.04	96.94%
292	Beargrass, Britton's	<i>Nolina brittoniana</i>	E	49.50	423,766.54	96.95%
293	Bonamia, Florida	<i>Bonamia grandiflora</i>	T	49.50	423,816.04	96.96%
294	Plum, scrub	<i>Prunus geniculata</i>	E	49.14	423,865.18	96.98%
295	Lupine, scrub	<i>Lupinus aridorum</i>	E	49.03	423,914.21	96.99%
296	Spinedace, Big Spring	<i>Lepidomeda mollispinis pratensis</i>	T	49.00	423,963.21	97.00%
297	Mesa-mint, Otay	<i>Pogogyne nudiuscula</i>	E	49.00	424,012.21	97.01%
298	No Common Name	<i>Sanicula purpurea</i>	E	48.55	424,060.76	97.02%
299	Pimpleback, orangefoot	<i>Plethobasus cooperianus</i>	E	48.07	424,108.83	97.03%
300	Springfish, Hiko White River	<i>Crenichthys baileyi grandis</i>	E	48.00	424,156.84	97.04%
301	Mustard, slender-petaled	<i>Thelypodium stenopetalum</i>	E	48.00	424,204.84	97.05%
302	Sandbur, agrimony or Kamanomano	<i>Cenchrus agrimonioides</i>	E	47.70	424,252.54	97.06%
303	Ma`o hau hele, (=native yellow hibiscus)	<i>Hibiscus brackenridgei</i>	E	47.67	424,300.20	97.08%
304	Chub, Hutton tui	<i>Gila bicolor ssp.</i>	T	47.00	424,347.20	97.09%
305	Butterfly, mission blue	<i>Icaricia icarioides missionensis</i>	E	47.00	424,394.20	97.10%
306	Bluegrass, San Bernardino	<i>Poa atropurpurea</i>	E	47.00	424,441.20	97.11%
307	Potentilla, Hickman's	<i>Potentilla hickmanii</i>	E	47.00	424,488.20	97.12%
308	Skipper, Laguna Mountains	<i>Pyrgus ruralis lagunae</i>	E	46.50	424,534.70	97.13%
309	Mallow, Kern	<i>Eremalche kernensis</i>	E	46.14	424,580.84	97.14%
310	Shiner, Cahaba	<i>Notropis cahabae</i>	E	46.00	424,626.84	97.15%
311	Haha (Cyanea grimesiana grimesiana)	<i>Cyanea grimesiana grimesiana</i>	E	45.70	424,672.54	97.16%
312	No Common Name	<i>Vigna o-wahuensis</i>	E	45.40	424,717.94	97.17%



TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
313	Butterfly, Uncompahgre fritillary	<i>Boloria acrocnemata</i>	E	45.00	424,762.94	97.18%
314	Torreya, Florida	<i>Torreya taxifolia</i>	E	45.00	424,807.94	97.19%
315	Moccasinshell, Alabama	<i>Medionidus acutissimus</i>	T	44.07	424,852.01	97.20%
316	No Common Name	<i>Platanthera holochila</i>	E	43.81	424,895.82	97.21%
317	Fern, pendant kihi	<i>Adenophorus periens</i>	E	43.73	424,939.55	97.22%
318	Ohai	<i>Sesbania tomentosa</i>	E	43.70	424,983.25	97.23%
319	No Common Name	<i>Phyllostegia parviflora</i>	E	43.00	425,026.25	97.24%
320	Spineflower, Robust	<i>Chorizanthe robusta</i>	E	43.00	425,069.25	97.25%
321	Awiji	<i>Centaurium sebaeoides</i>	E	42.80	425,112.05	97.26%
322	Frankenia, Johnston's	<i>Frankenia johnstonii</i>	E	42.70	425,154.75	97.27%
323	Salamander, Sonoran tiger	<i>Ambystoma tigrinum stebbinsi</i>	E	42.45	425,197.20	97.28%
324	Fanshell	<i>Cyprogenia stegaria</i>	E	42.38	425,239.58	97.29%
325	Aupaka	<i>Isodendron laurifolium</i>	E	42.38	425,281.96	97.30%
326	Diellia, asplenium-leaved	<i>Diellia erecta</i>	E	42.15	425,324.11	97.31%
327	Aupaka	<i>Isodendron longifolium</i>	T	42.13	425,366.24	97.32%
328	Grass, Solano	<i>Tuctoria mucronata</i>	E	42.00	425,408.24	97.33%
329	Ladies'-tresses, Navasota	<i>Spiranthes parksii</i>	E	42.00	425,450.24	97.34%
330	Cypress, Santa Cruz	<i>Cupressus abramsiana</i>	E	41.50	425,491.74	97.35%
331	Pu`uka`a	<i>Cyperus trachysanthos</i>	E	41.45	425,533.19	97.36%
332	No Common Name	<i>Mariscus pennatiformis</i>	E	41.35	425,574.54	97.37%
333	Popolo ku mai	<i>Solanum incompletum</i>	E	41.35	425,615.89	97.38%
334	No Common Name	<i>Achyranthes mutica</i>	E	41.25	425,657.14	97.39%
335	Lau `ehu	<i>Panicum niihauense</i>	E	41.15	425,698.29	97.40%
336	Springfish, Railroad Valley	<i>Crenichthys nevadae</i>	T	41.00	425,739.29	97.40%
337	No Common Name	<i>Neraudia sericea</i>	E	41.00	425,780.29	97.41%
338	Paintbrush, soft-leaved	<i>Castilleja mollis</i>	E	41.00	425,821.29	97.42%
339	Koki`o	<i>Kokia drynarioides</i>	E	40.50	425,861.79	97.43%
340	Clubshell, ovate	<i>Pleurobema perovatum</i>	E	40.29	425,902.08	97.44%
341	Trout, Apache	<i>Oncorhynchus apache</i>	T	40.20	425,942.28	97.45%
342	Fiddleneck, large-flowered	<i>Amsinckia grandiflora</i>	E	40.00	425,982.28	97.46%
343	Sandwort, Marsh	<i>Arenaria paludicola</i>	E	39.50	426,021.78	97.47%
344	Butterfly, Smith's blue	<i>Euphilotes enoptes smithi</i>	E	39.00	426,060.78	97.48%
345	Milkweed, Mead's	<i>Asclepias meadii</i>	T	38.72	426,099.50	97.49%
346	Cactus, Kuenzler hedgehog	<i>Echinocereus fendleri kuenzleri</i>	E	38.55	426,138.05	97.50%
347	Uhiuhi	<i>Caesalpinia kavaianse</i>	E	37.50	426,175.55	97.50%
348	Wire-lettuce, Malheur	<i>Stephanomeria malheurenensis</i>	E	37.50	426,213.05	97.51%
349	Milkweed, Welsh's	<i>Asclepias welshii</i>	T	37.24	426,250.29	97.52%
350	Shrimp, California freshwater	<i>Syncaris pacifica</i>	E	37.10	426,287.39	97.53%
351	Turtle, flattened musk	<i>Sternotherus depressus</i>	T	37.00	426,324.39	97.54%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
352	Thistle, Chorro Creek bog	<i>Cirsium fontinale obispoense</i>	E	37.00	426,361.39	97.55%
353	Riffleshell, tan	<i>Epioblasma florentina walkeri</i>	E	36.97	426,398.35	97.56%
354	Iguana, Mona ground	<i>Cyclura stejnegeri</i>	T	36.90	426,435.25	97.56%
355	Mehamehame	<i>Flueggea neowawraea</i>	E	36.80	426,472.05	97.57%
356	Water-umbel, Huachuca	<i>Lilaeopsis schaffneriana recurva</i>	E	36.70	426,508.75	97.58%
357	Chub, Owens tui	<i>Gila bicolor snyderi</i>	E	36.70	426,545.45	97.59%
358	Pocketbook, fine-lined	<i>Lampsilis altilis</i>	T	36.69	426,582.14	97.60%
359	Poolfish, Pahrump	<i>Empetrichthys latos</i>	E	36.10	426,618.24	97.61%
360	Dudleyea, Santa Monica Mountains	<i>Dudleya cymosa ovatifolia</i>	T	36.00	426,654.24	97.61%
361	Goldfields, Contra Costa	<i>Lasthenia conjugens</i>	E	36.00	426,690.24	97.62%
362	Barberry, Truckee	<i>Berberis sonnei</i>	E	35.92	426,726.16	97.63%
363	Mucket, orangenacre	<i>Lampsilis perovalis</i>	T	35.90	426,762.05	97.64%
364	Shiner, blue	<i>Cyprinella caerulea</i>	T	35.63	426,797.68	97.65%
365	Cliff-rose, Arizona	<i>Purshia subintegra</i>	E	35.19	426,832.87	97.65%
366	Coneflower, smooth	<i>Echinacea laevigata</i>	E	34.98	426,867.85	97.66%
367	Spiny mussel, Tar River	<i>Elliptio steinstansana</i>	E	34.97	426,902.83	97.67%
368	Butterfly, Schaus swallowtail	<i>Heraclides aristodemus ponceanus</i>	E	34.44	426,937.26	97.68%
369	Rice rat	<i>Oryzomys palustris natator</i>	E	34.00	426,971.26	97.69%
370	Pentachaeta, Lyon's	<i>Pentachaeta lyonii</i>	E	34.00	427,005.26	97.69%
371	Pigtoe, rough	<i>Pleurobema plenum</i>	E	33.86	427,039.12	97.70%
372	`Aiea	<i>Nothoestrum breviflorum</i>	E	33.10	427,072.22	97.71%
373	Bat, little Mariana fruit	<i>Pteropus tokudae</i>	E	33.00	427,105.22	97.72%
374	Mouse, Key Largo cotton	<i>Peromyscus gossypinus allapaticola</i>	E	33.00	427,138.22	97.72%
375	Centaury, spring-loving	<i>Centaureum namophilum</i>	T	33.00	427,171.22	97.73%
376	Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	E	32.97	427,204.19	97.74%
377	Pupfish, Owens	<i>Cyprinodon radiosus</i>	E	32.70	427,236.89	97.75%
378	Spineflower, Howell's	<i>Chorizanthe howellii</i>	E	32.70	427,269.59	97.75%
379	Gilia, Hoffmann's slender-flowered	<i>Gilia tenuiflora hoffmannii</i>	E	32.60	427,302.19	97.76%
380	Goldfields, Burke's	<i>Lasthenia burkei</i>	E	32.60	427,334.79	97.77%
381	Meadowfoam, Sebastopol	<i>Limnanthes vinculans</i>	E	32.60	427,367.39	97.78%
382	Sunshine, Sonoma	<i>Blennosperma bakeri</i>	E	32.60	427,399.99	97.78%
383	Chub, Sonora	<i>Gila ditaenia</i>	T	32.50	427,432.49	97.79%
384	Pitcher-plant, green	<i>Sarracenia oreophila</i>	E	32.20	427,464.69	97.80%
385	Dace, Clover Valley speckled	<i>Rhinichthys osculus oligoporus</i>	E	32.10	427,496.79	97.81%
386	Dace, Independence Valley speckled	<i>Rhinichthys osculus lethoporus</i>	E	32.10	427,528.89	97.81%
387	Darter, boulder	<i>Etheostoma wapiti</i>	E	32.00	427,560.89	97.82%
388	Malacothrix, Santa Cruz Island	<i>Malacothrix indecora</i>	E	32.00	427,592.89	97.83%
389	Niterwort, Amargosa	<i>Nitrophila mohavensis</i>	E	32.00	427,624.89	97.84%
390	Phacelia, island	<i>Phacelia insularis insularis</i>	E	32.00	427,656.89	97.84%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
391	Pink, ring	<i>Obovaria retusa</i>	E	31.94	427,688.83	97.85%
392	Harperella	<i>Ptilimnium nodosum</i>	E	31.94	427,720.77	97.86%
393	Pearlshell, Louisiana	<i>Margaritifera hembeli</i>	T	31.68	427,752.45	97.87%
394	Riffleshell, northern	<i>Epioblasma torulosa rangiana</i>	E	31.48	427,783.93	97.87%
395	Ivesia, Ash Meadows	<i>Ivesia kingii eremica</i>	T	31.42	427,815.35	97.88%
396	Lizard, Island night	<i>Xantusia riversiana</i>	T	31.25	427,846.59	97.89%
397	Rush-rose, island	<i>Helianthemum greenei</i>	T	31.00	427,877.59	97.89%
398	Pink, swamp	<i>Helonias bullata</i>	T	30.66	427,908.25	97.90%
399	Onion, Munz's	<i>Allium munzii</i>	E	30.54	427,938.79	97.91%
400	Clover, running buffalo	<i>Trifolium stoloniferum</i>	E	30.44	427,969.23	97.91%
401	Heelsplitter, Alabama	<i>Potamilus inflatus</i>	T	30.40	427,999.63	97.92%
402	Darter, fountain	<i>Etheostoma fonticola</i>	E	30.30	428,029.93	97.93%
403	Squirrel, Virginia northern flying	<i>Glaucomys sabrinus fuscus</i>	E	30.20	428,060.13	97.94%
404	Bird's beak, palmate-bracted	<i>Cordylanthus palmatus</i>	E	30.14	428,090.27	97.94%
405	Milk-vetch, Braunton's	<i>Astragalus brauntonii</i>	E	30.04	428,120.31	97.95%
406	Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	E	30.00	428,150.31	97.96%
407	Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	T	30.00	428,180.31	97.96%
408	Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	T	30.00	428,210.31	97.97%
409	Gumplant, Ash Meadows	<i>Grindelia fraxino-pratensis</i>	T	30.00	428,240.31	97.98%
410	Milk-vetch, Ash meadows	<i>Astragalus phoenix</i>	T	30.00	428,270.31	97.98%
411	Gambusia, Pecos	<i>Gambusia nobilis</i>	E	29.92	428,300.23	97.99%
412	Orcutt grass, slender	<i>Orcuttia tenuis</i>	T	29.84	428,330.08	98.00%
413	Sunflower, Schweinitz's	<i>Helianthus schweinitzii</i>	E	29.80	428,359.88	98.00%
414	Pearlymussel, dromedary	<i>Dromus dromas</i>	E	29.70	428,389.58	98.01%
415	Manzanita, Santa Rosa Island	<i>Arctostaphylos confertiflora</i>	E	29.70	428,419.28	98.02%
416	Hala pepe	<i>Pleomele hawaiiensis</i>	E	29.65	428,448.93	98.02%
417	Shrimp, Alabama cave	<i>Palaemonias alabamae</i>	E	29.50	428,478.43	98.03%
418	Larkspur, San Clemente Island	<i>Delphinium variegatum kinkiense</i>	E	29.50	428,507.93	98.04%
419	Kulu`i	<i>Nototrachelium humile</i>	E	29.30	428,537.23	98.04%
420	No Common Name	<i>Silene hawaiiensis</i>	T	29.15	428,566.38	98.05%
421	Bedstraw, island	<i>Galium buxifolium</i>	E	29.00	428,595.38	98.06%
422	Dudleya, Santa Cruz Island	<i>Dudleya nesiotica</i>	T	29.00	428,624.38	98.06%
423	Evening-primrose, San Benito	<i>Camissonia benitensis</i>	T	29.00	428,653.38	98.07%
424	Barberry, island	<i>Berberis pinnata insularis</i>	E	28.50	428,681.88	98.08%
425	Bush-mallow, Santa Cruz Island	<i>Malacothamnus fasciculatus nesioticus</i>	E	28.50	428,710.38	98.08%
426	Fringepod, Santa Cruz Island	<i>Thysanocarpus conchuliferus</i>	E	28.50	428,738.88	98.09%
427	Malacothrix, island	<i>Malacothrix squalida</i>	E	28.50	428,767.38	98.10%
428	No Common Name	<i>Hesperomannia arborescens</i>	E	28.40	428,795.78	98.10%
429	Chub, Mohave tui	<i>Gila bicolor mohavensis</i>	E	28.10	428,823.88	98.11%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
430	Dudleya, Conejo	<i>Dudleya abramsii parva</i>	T	28.00	428,851.88	98.12%
431	Dudleya, marcescent	<i>Dudleya cymosa marcescens</i>	T	28.00	428,879.88	98.12%
432	Dudleya, Verity's	<i>Dudleya verityi</i>	T	28.00	428,907.88	98.13%
433	`Anaunau	<i>Lepidium arbuscula</i>	E	27.30	428,935.18	98.14%
434	Cactus, Winkler	<i>Pediocactus winkleri</i>	T	27.30	428,962.48	98.14%
435	Dace, Foskett speckled	<i>Rhinichthys osculus ssp.</i>	T	27.00	428,989.48	98.15%
436	Rock-cress, Hoffmann's	<i>Arabis hoffmannii</i>	E	27.00	429,016.48	98.15%
437	`Akoko	<i>Chamaesyce rockii</i>	E	26.95	429,043.43	98.16%
438	Haha (Cyanea koolauensis)	<i>Cyanea koolauensis</i>	E	26.95	429,070.38	98.17%
439	No Common Name	<i>Phyllostegia hirsuta</i>	E	26.95	429,097.33	98.17%
440	`Ohe`ohe	<i>Tetraplasandra gymnocarpa</i>	E	26.95	429,124.28	98.18%
441	Mountain beaver, Point Arena	<i>Aplodontia rufa nigra</i>	E	26.65	429,150.93	98.19%
442	Butterfly, El Segundo blue	<i>Euphilotes battoides allyni</i>	E	26.50	429,177.43	98.19%
443	Thormmint, San Diego	<i>Acanthomintha ilicifolia</i>	T	26.50	429,203.93	98.20%
444	No Common Name	<i>Silene lanceolata</i>	E	26.49	429,230.42	98.20%
445	Bat, Mexican long-nosed	<i>Leptonycteris nivalis</i>	E	26.35	429,256.77	98.21%
446	Snail, tulotoma	<i>Tulotoma magnifica</i>	E	26.30	429,283.07	98.22%
447	`Oha wai	<i>Clermontia pyrularia</i>	E	26.25	429,309.32	98.22%
448	Darter, snail	<i>Percina tanasi</i>	T	26.20	429,335.52	98.23%
449	Wooly-threads, San Joaquin	<i>Lembertia congdonii</i>	E	25.64	429,361.16	98.23%
450	Dawn-flower, Texas prairie	<i>Hymenoxys texana</i>	E	25.50	429,386.66	98.24%
451	Diellia falcata (=Sci. Name)	<i>Diellia falcata</i>	E	25.50	429,412.16	98.25%
452	Monarch, Tinian	<i>Monarcha takatsukasae</i>	T	25.30	429,437.46	98.25%
453	Mouse, southeastern beach	<i>Peromyscus polionotus niveiventris</i>	T	25.10	429,462.56	98.26%
454	Cactus, Sneed pincushion	<i>Coryphantha sneedii sneedii</i>	E	25.05	429,487.61	98.26%
455	Pigtoe, Cumberland	<i>Pleurobema gibberum</i>	E	25.00	429,512.61	98.27%
456	Haha (Cyanea superba)	<i>Cyanea superba</i>	E	24.20	429,536.81	98.27%
457	Broadbill, Guam	<i>Myiagra freycineti</i>	E	24.00	429,560.81	98.28%
458	Mallard, Mariana	<i>Anas oustaleti</i>	E	24.00	429,584.81	98.28%
459	Spiraea, Virginia	<i>Spiraea virginiana</i>	T	23.89	429,608.70	98.29%
460	Snail, Iowa Pleistocene	<i>Discus macclintocki</i>	E	23.76	429,632.46	98.30%
461	Alani	<i>Melicope reflexa</i>	E	23.72	429,656.18	98.30%
462	Combshell, southern	<i>Epioblasma penita</i>	E	23.67	429,679.85	98.31%
463	Dropwort, Canby's	<i>Oxypolis canbyi</i>	E	23.64	429,703.49	98.31%
464	Salamander, desert slender	<i>Batrachoseps aridus</i>	E	23.60	429,727.09	98.32%
465	Bear-poppy, dwarf	<i>Arctomecon humilis</i>	E	23.56	429,750.65	98.32%
466	Petrel, Hawaiian dark-rumped	<i>Pterodroma phaeopygia sandwichensis</i>	E	23.50	429,774.15	98.33%
467	Madtom, yellowfin	<i>Noturus flavipinnis</i>	T	23.14	429,797.29	98.33%
468	Skullcap, large-flowered	<i>Scutellaria montana</i>	E	22.97	429,820.25	98.34%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
469	Ha`iwale	<i>Cyrtandra dentata</i>	E	22.95	429,843.20	98.34%
470	Phlox, Texas trailing	<i>Phlox nivalis texensis</i>	E	22.90	429,866.10	98.35%
471	Pauoa	<i>Ctenitis squamigera</i>	E	22.90	429,889.00	98.35%
472	No Common Name	<i>Alsinidendron obovatum</i>	E	22.85	429,911.85	98.36%
473	Kauila	<i>Colubrina oppositifolia</i>	E	22.73	429,934.59	98.36%
474	No Common Name	<i>Hedyotis parvula</i>	E	22.70	429,957.29	98.37%
475	No Common Name	<i>Sanicula mariversa</i>	E	22.70	429,979.99	98.38%
476	No Common Name	<i>Tetramolopium filiforme</i>	E	22.70	430,002.69	98.38%
477	Milk-vetch, Coachella Valley	<i>Astragalus lentiginosus coachellae</i>	E	22.66	430,025.34	98.39%
478	Bean, Cumberland	<i>Villosa trabalis</i>	E	22.54	430,047.88	98.39%
479	Toad, Houston	<i>Bufo houstonensis</i>	E	22.50	430,070.38	98.40%
480	Bird's-beak, salt marsh	<i>Cordylanthus maritimus maritimus</i>	E	22.50	430,092.88	98.40%
481	Cladonia, Florida perforate	<i>Cladonia perforata</i>	E	22.50	430,115.38	98.41%
482	Arrowhead, bunched	<i>Sagittaria fasciculata</i>	E	22.36	430,137.74	98.41%
483	Darter, amber	<i>Percina antesella</i>	E	22.30	430,160.04	98.42%
484	Darter, Cherokee	<i>Etheostoma scotti</i>	T	22.26	430,182.31	98.42%
485	Bladderpod, white	<i>Lesquerella pallida</i>	E	22.20	430,204.51	98.43%
486	Woolly-star, Santa Ana River	<i>Eriastrum densifolium sanctorum</i>	E	22.08	430,226.58	98.43%
487	Milk-vetch, Fish Slough	<i>Astragalus lentiginosus piscinensis</i>	T	22.00	430,248.58	98.44%
488	Spineflower, Sonoma	<i>Chorizanthe valida</i>	E	22.00	430,270.58	98.44%
489	Pitcher-plant, mountain sweet	<i>Sarracenia rubra jonesii</i>	E	21.98	430,292.56	98.45%
490	Whipsnake, Alameda	<i>Masticophis lateralis euryxanthus</i>	T	21.83	430,314.39	98.45%
491	Milk-vetch, triple-ribbed	<i>Astragalus tricarinatus</i>	E	21.81	430,336.20	98.46%
492	Gambusia, Big Bend	<i>Gambusia gaigei</i>	E	21.80	430,358.00	98.46%
493	Pearlymussel, littlewing	<i>Pegias fabula</i>	E	21.77	430,379.77	98.47%
494	Darter, slackwater	<i>Etheostoma boschungii</i>	T	21.64	430,401.41	98.47%
495	Elktoe, Cumberland	<i>Alasmidonta atropurpurea</i>	E	21.64	430,423.05	98.48%
496	Grass, California Orcutt	<i>Orcuttia californica</i>	E	21.50	430,444.55	98.48%
497	Watercress, Gambel's	<i>Rorippa gambellii</i>	E	21.50	430,466.05	98.49%
498	Kauai hau kuahiwi	<i>Hibiscadelphus distans</i>	E	21.30	430,487.35	98.49%
499	Haha (Cyanea shipmannii)	<i>Cyanea shipmannii</i>	E	21.25	430,508.60	98.50%
500	Chub, spotfin	<i>Cyprinella monacha</i>	T	21.20	430,529.80	98.50%
501	Kiponapona	<i>Phyllostegia racemosa</i>	E	21.15	430,550.95	98.51%
502	`Oha wai	<i>Clermontia lindseyana</i>	E	21.15	430,572.10	98.51%
503	Spider, spruce-fir moss	<i>Microhexura montivaga</i>	E	21.10	430,593.20	98.52%
504	Shearwater, Newell's Townsend's	<i>Puffinus auricularis newelli</i>	T	21.00	430,614.20	98.52%
505	Aster, Florida golden	<i>Chrysopsis floridana</i>	E	21.00	430,635.20	98.52%
506	Ground-plum, Pyne's	<i>Astragalus bibullatus</i>	E	21.00	430,656.20	98.53%
507	Bittercress, small-anthered	<i>Cardamine micranthera</i>	E	20.80	430,677.00	98.53%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
508	Vole, Amargosa	<i>Microtus californicus scirpensis</i>	E	20.72	430,697.72	98.54%
509	Pigtoe, flat	<i>Pleurobema marshalli</i>	E	20.70	430,718.41	98.54%
510	Spiny mussel, James	<i>Pleurobema collina</i>	E	20.64	430,739.06	98.55%
511	Barberry, Nevin's	<i>Berberis nevinii</i>	E	20.54	430,759.60	98.55%
512	Salamander, Cheat Mountain	<i>Plethodon nettingi</i>	T	20.53	430,780.13	98.56%
513	Orcutt grass, hairy	<i>Orcuttia pilosa</i>	E	20.35	430,800.48	98.56%
514	Monardella, willow	<i>Monardella linoides viminea</i>	E	20.30	430,820.78	98.57%
515	Butterfly, Behren's silverspot	<i>Speyeria zerene behrensii</i>	E	20.20	430,840.98	98.57%
516	Butterfly, lotis blue	<i>Lycaeides argyrognomon lotis</i>	E	20.20	430,861.18	98.58%
517	Gambusia, San Marcos	<i>Gambusia georgei</i>	E	20.00	430,881.18	98.58%
518	Towhee, Inyo California	<i>Pipilo crissalis eremophilus</i>	T	19.72	430,900.90	98.59%
519	Cactus, Bakersfield	<i>Opuntia treleasei</i>	E	19.64	430,920.54	98.59%
520	Sandwort, Cumberland	<i>Arenaria cumberlandensis</i>	E	19.60	430,940.14	98.59%
521	Mouse, Choctawhatchee beach	<i>Peromyscus polionotus allophrys</i>	E	19.55	430,959.69	98.60%
522	No Common Name	<i>Phyllostegia mannii</i>	E	19.53	430,979.22	98.60%
523	Clarkia, Springville	<i>Clarkia springvillensis</i>	T	19.50	430,998.72	98.61%
524	Manzanita, Del Mar	<i>Arctostaphylos glandulosa crassifolia</i>	E	19.40	431,018.12	98.61%
525	Seablite, California	<i>Suaeda californica</i>	E	19.20	431,037.32	98.62%
526	Warbler, Bachman's	<i>Vermivora bachmanii</i>	E	19.03	431,056.35	98.62%
527	Darter, goldline	<i>Percina aurolineata</i>	T	19.00	431,075.35	98.63%
528	Rush-pea, slender	<i>Hoffmannseggia tenella</i>	E	18.80	431,094.15	98.63%
529	Pigtoe, heavy	<i>Pleurobema taitianum</i>	E	18.76	431,112.91	98.63%
530	Lizard, St. Croix ground	<i>Ameiva polops</i>	E	18.70	431,131.61	98.64%
531	Cactus, San Rafael	<i>Pediocactus despainii</i>	E	18.70	431,150.31	98.64%
532	Haha ( <i>Cyanea acuminata</i> )	<i>Cyanea acuminata</i>	E	18.55	431,168.86	98.65%
533	No Common Name	<i>Viola oahuensis</i>	E	18.55	431,187.41	98.65%
534	Pteris lidgatei (=Sci. Name)	<i>Pteris lidgatei</i>	E	18.55	431,205.96	98.66%
535	Pupfish, Comanche Springs	<i>Cyprinodon elegans</i>	E	18.50	431,224.46	98.66%
536	Baccharis, Encinitas	<i>Baccharis vanessae</i>	T	18.50	431,242.96	98.66%
537	Bluecurls, Hidden Lake	<i>Trichostema austromontanum compactum</i>	T	18.50	431,261.46	98.67%
538	Broom, San Clemente Island	<i>Lotus dendroideus traskiae</i>	E	18.50	431,279.96	98.67%
539	Bush-mallow, San Clemente Island	<i>Malacothamnus clementinus</i>	E	18.50	431,298.46	98.68%
540	Ceanothus, Vail Lake	<i>Ceanothus ophiochilus</i>	T	18.50	431,316.96	98.68%
541	Crownbeard, big-leaved	<i>Verbesina dissita</i>	T	18.50	431,335.46	98.69%
542	Crownscale, San Jacinto Valley	<i>Atriplex coronata notatior</i>	E	18.50	431,353.96	98.69%
543	Flannelbush, Mexican	<i>Fremontodendron mexicanum</i>	E	18.50	431,372.46	98.69%
544	Haha ( <i>Cyanea hamatiflora carlsonii</i> )	<i>Cyanea hamatiflora carlsonii</i>	E	18.50	431,390.96	98.70%
545	Indian paintbrush, San Clemente Island	<i>Castilleja grisea</i>	E	18.50	431,409.46	98.70%
546	Liveforever, Laguna Beach	<i>Dudleya stolonifera</i>	T	18.50	431,427.96	98.71%

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547	Mountain-mahogany, Catalina Island	<i>Cercocarpus traskiae</i>	E	18.50	431,446.46	98.71%
548	Paintbrush, ash-grey	<i>Castilleja cinerea</i>	T	18.50	431,464.96	98.71%
549	Rockcress, Santa Cruz Island	<i>Sibara filifolia</i>	E	18.50	431,483.46	98.72%
550	Sandwort, Bear Valley	<i>Arenaria ursina</i>	T	18.50	431,501.96	98.72%
551	Spineflower, Orcutt's	<i>Chorizanthe orcuttiana</i>	E	18.50	431,520.46	98.73%
552	Taraxacum, California	<i>Taraxacum californicum</i>	E	18.50	431,538.96	98.73%
553	Wild-buckwheat, southern mountain	<i>Eriogonum kennedyi austromontanum</i>	T	18.50	431,557.46	98.74%
554	Woodland-star, San Clemente Island	<i>Lithophragma maximum</i>	E	18.50	431,575.96	98.74%
555	Silversword, Mauna Kea	<i>Argyroxiphium sandwicense sandwicense</i>	E	18.30	431,594.26	98.74%
556	Pamakani	<i>Tetramolopium capillare</i>	E	18.25	431,612.51	98.75%
557	Pamakani	<i>Viola chamissoniana chamissoniana</i>	E	18.25	431,630.76	98.75%
558	Spurge, Hoover's	<i>Chamaesyce hooveri</i>	T	18.25	431,649.01	98.76%
559	Campion, fringed	<i>Silene polypetala</i>	E	18.00	431,667.01	98.76%
560	Liveforever, Santa Barbara Island	<i>Dudleya traskiae</i>	E	18.00	431,685.01	98.77%
561	Milk-vetch, coastal dunes	<i>Astragalus tener titi</i>	E	18.00	431,703.01	98.77%
562	Madtom, smoky	<i>Noturus baileyi</i>	E	17.90	431,720.91	98.77%
563	Darter, duskytail	<i>Etheostoma percnurum</i>	E	17.80	431,738.71	98.78%
564	Rock-cress, Braun's	<i>Arabis perstellata</i>	E	17.70	431,756.41	98.78%
565	Pearlymussel, birdwing	<i>Conradilla caelata</i>	E	17.65	431,774.06	98.79%
566	Bush-clover, prairie	<i>Lespedeza leptostachya</i>	T	17.48	431,791.54	98.79%
567	Vetch, Hawaiian	<i>Vicia menziesii</i>	E	17.25	431,808.79	98.79%
568	Caracara, Audubon's crested	<i>Polyborus plancus audubonii</i>	T	17.05	431,825.83	98.80%
569	Creeper, Oahu	<i>Paroreomyza maculata</i>	E	17.00	431,842.83	98.80%
570	Butterfly, Lange's metalmark	<i>Apodemia mormo langei</i>	E	17.00	431,859.83	98.81%
571	Grasshopper, Zayante band-winged	<i>Trimerotropis infantilis</i>	E	17.00	431,876.83	98.81%
572	Clarkia, Pismo	<i>Clarkia speciosa immaculata</i>	E	17.00	431,893.83	98.81%
573	Manzanita, Morro	<i>Arctostaphylos morroensis</i>	T	17.00	431,910.83	98.82%
574	Mountain balm, Indian Knob	<i>Eriodictyon altissimum</i>	E	17.00	431,927.83	98.82%
575	Bat, Hawaiian hoary	<i>Lasiurus cinereus semotus</i>	E	16.99	431,944.82	98.82%
576	Haha (Cyanea crispa)	<i>Cyanea crispa</i>	E	16.95	431,961.77	98.83%
577	No Common Name	<i>Phyllostegia waimeae</i>	E	16.71	431,978.48	98.83%
578	Cactus, Brady pincushion	<i>Pediocactus bradyi</i>	E	16.60	431,995.08	98.84%
579	Mussel, oyster	<i>Epioblasma capsaeformis</i>	E	16.47	432,011.55	98.84%
580	No Common Name	<i>Phyllostegia mollis</i>	E	16.18	432,027.73	98.84%
581	Po`e	<i>Portulaca sclerocarpa</i>	E	16.15	432,043.88	98.85%
582	No Common Name	<i>Tetramolopium lepidotum lepidotum</i>	E	16.09	432,059.97	98.85%
583	Kite, Everglade snail	<i>Rostrhamus sociabilis plumbeus</i>	E	16.00	432,075.97	98.85%
584	Kuawawaenohu	<i>Alsiniidendron lychnoides</i>	E	16.00	432,091.97	98.86%
585	Beetle, Mount Hermon June	<i>Polyphylla barbata</i>	E	16.00	432,107.97	98.86%

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586	Butterfly, bay checkerspot	<i>Euphydryas editha bayensis</i>	T	16.00	432,123.97	98.87%
587	Clover, Monterey	<i>Trifolium trichocalyx</i>	E	16.00	432,139.97	98.87%
588	Evening-primrose, Eureka Valley	<i>Oenothera avita eurekensis</i>	E	16.00	432,155.97	98.87%
589	Gilia, Monterey	<i>Gilia tenuiflora arenaria</i>	E	16.00	432,171.97	98.88%
590	Grass, Eureka Dune	<i>Swallenia alexandrae</i>	E	16.00	432,187.97	98.88%
591	Milk-vetch, Lane Mountain	<i>Astragalus jaegerianus</i>	E	16.00	432,203.97	98.88%
592	Piperia, Yadon's	<i>Piperia yadonii</i>	E	16.00	432,219.97	98.89%
593	Spineflower, Ben Lomond	<i>Chorizanthe pungens hartwegiana</i>	E	16.00	432,235.97	98.89%
594	Wallflower, Ben Lomond	<i>Erysimum teretifolium</i>	E	16.00	432,251.97	98.89%
595	Cypress, Gowen	<i>Cupressus goveniana goveniana</i>	T	16.00	432,267.97	98.90%
596	Jaguarundi, Gulf Coast	<i>Herpailurus yagouaroundi cacomitli</i>	E	15.90	432,283.87	98.90%
597	Ha`iwale	<i>Cyrtandra viridiflora</i>	E	15.90	432,299.77	98.91%
598	Thrush, large Kauai	<i>Myadestes myadestinus</i>	E	15.89	432,315.66	98.91%
599	Haha (Cyanea st-johnii)	<i>Cyanea st-johnii</i>	E	15.75	432,331.41	98.91%
600	Gardenia, Hawaiian	<i>Gardenia brighamii</i>	E	15.67	432,347.08	98.92%
601	Wawae`iole	<i>Huperzia mannii</i>	E	15.65	432,362.73	98.92%
602	No Common Name	<i>Alsinidendron trinerve</i>	E	15.60	432,378.33	98.92%
603	Kolea	<i>Myrsine linearifolia</i>	T	15.50	432,393.83	98.93%
604	Trout, coastal cutthroat	<i>Onchohynchus clarki clarki</i>	E	15.33	432,409.16	98.93%
605	Monkeyface, Cumberland	<i>Quadrula intermedia</i>	E	15.30	432,424.46	98.93%
606	Grass, Tennessee yellow-eyed	<i>Xyris tennesseensis</i>	E	15.20	432,439.66	98.94%
607	Hau kuahiwi	<i>Hibiscadelphus hualalaiensis</i>	E	15.20	432,454.86	98.94%
608	Heau	<i>Exocarpos luteolus</i>	E	15.20	432,470.06	98.94%
609	No Common Name	<i>Alsinidendron viscosum</i>	E	15.20	432,485.26	98.95%
610	Koki`o, (=Cooke's koki`o)	<i>Kokia cookei</i>	E	15.10	432,500.36	98.95%
611	Geranium, Hawaiian red-flowered	<i>Geranium arboreum</i>	E	15.10	432,515.46	98.96%
612	Hawk, Puerto Rican broad-winged	<i>Buteo platypterus brunnescens</i>	E	15.00	432,530.46	98.96%
613	Chamaesyce halemanui (=Sci. Name)	<i>Chamaesyce halemanui</i>	E	15.00	432,545.46	98.96%
614	Butterwort, Godfrey's	<i>Pinguicula ionantha</i>	T	15.00	432,560.46	98.97%
615	Evening-primrose, Antioch Dunes	<i>Oenothera deltoides howellii</i>	E	15.00	432,575.46	98.97%
616	Pinkroot, gentian	<i>Spigelia gentianoides</i>	E	15.00	432,590.46	98.97%
617	Rhododendron, Chapman	<i>Rhododendron chapmanii</i>	E	15.00	432,605.46	98.98%
618	Rosemary, Apalachicola	<i>Conradina glabra</i>	E	15.00	432,620.46	98.98%
619	Thornmint, San Mateo	<i>Acanthomintha obovata duttonii</i>	E	15.00	432,635.46	98.98%
620	Wallflower, Contra Costa	<i>Erysimum capitatum angustatum</i>	E	15.00	432,650.46	98.99%
621	Kio`ele	<i>Hedyotis coriacea</i>	E	14.89	432,665.35	98.99%
622	Alani	<i>Melicope adscendens</i>	E	14.83	432,680.18	98.99%
623	No Common Name	<i>Stenogyne angustifolia angustifolia</i>	E	14.79	432,694.97	99.00%
624	Combshell, Cumberlandian	<i>Epioblasma brevidens</i>	E	14.77	432,709.73	99.00%



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625	Pigtoe, finerayed	<i>Fusconaia cuneolus</i>	E	14.51	432,724.24	99.00%
626	Shiner, Cape Fear	<i>Notropis mekistocholas</i>	E	14.50	432,738.74	99.01%
627	Goldenrod, Short's	<i>Solidago shortii</i>	E	14.50	432,753.24	99.01%
628	Pigtoe, southern	<i>Pleurobema georgianum</i>	E	14.47	432,767.71	99.01%
629	Elktoe, Appalachian	<i>Alasmidonta raveneliana</i>	E	14.40	432,782.11	99.02%
630	No Common Name	<i>Phyllostegia knudsenii</i>	E	14.35	432,796.46	99.02%
631	`O`u	<i>Psittirostra psittacea</i>	E	14.23	432,810.69	99.02%
632	Orcutt grass, Sacramento	<i>Orcuttia viscida</i>	E	14.10	432,824.79	99.03%
633	Orcutt grass, San Joaquin	<i>Orcuttia inaequalis</i>	T	14.10	432,838.89	99.03%
634	Darter, relict	<i>Etheostoma chienense</i>	E	14.08	432,852.97	99.03%
635	Ha`iwale	<i>Cyrtandra subumbellata</i>	E	14.05	432,867.02	99.04%
636	Warea, wide-leaf	<i>Warea amplexifolia</i>	E	14.03	432,881.06	99.04%
637	Toad, Puerto Rican crested	<i>Peltophryne lemur</i>	T	14.00	432,895.06	99.04%
638	Bird's-beak, soft	<i>Cordylanthus mollis mollis</i>	E	14.00	432,909.06	99.05%
639	Clover, showy Indian	<i>Trifolium amoenum</i>	E	14.00	432,923.06	99.05%
640	Ischaemum, Hilo	<i>Ischaemum byrone</i>	E	14.00	432,937.06	99.05%
641	Thistle, Suisun	<i>Cirsium hydrophilum hydrophilum</i>	E	14.00	432,951.06	99.05%
642	Kamakahala	<i>Labordia triflora</i>	E	13.95	432,965.01	99.06%
643	Pearlymussel, cracking	<i>Hemistena lata</i>	E	13.89	432,978.90	99.06%
644	Alani	<i>Melicope mucronulata</i>	E	13.88	432,992.77	99.06%
645	Mahoe	<i>Alectryon macrococcus</i>	E	13.81	433,006.59	99.07%
646	Opuhe	<i>Urera kaalae</i>	E	13.80	433,020.39	99.07%
647	A`e	<i>Zanthoxylum hawaiiense</i>	E	13.73	433,034.11	99.07%
648	Beetle, delta green ground	<i>Elaphrus viridis</i>	T	13.67	433,047.78	99.08%
649	Monkeyface, Appalachian	<i>Quadrula sparsa</i>	E	13.66	433,061.45	99.08%
650	Logperch, Conasauga	<i>Percina jenkinsi</i>	E	13.60	433,075.05	99.08%
651	Orcutt grass, Greene's	<i>Tuctoria greenei</i>	E	13.60	433,088.65	99.09%
652	Mouse, Anastasia Island beach	<i>Peromyscus polionotus phasma</i>	E	13.55	433,102.20	99.09%
653	Haha (Cyanea procera)	<i>Cyanea procera</i>	E	13.53	433,115.73	99.09%
654	No Common Name	<i>Stenogyne bifida</i>	E	13.53	433,129.26	99.10%
655	No Common Name	<i>Mariscus fauriei</i>	E	13.53	433,142.79	99.10%
656	`Oha wai	<i>Clermontia oblongifolia brevipes</i>	E	13.53	433,156.31	99.10%
657	Alopecurus, Sonoma	<i>Alopecurus aequalis sonomensis</i>	E	13.50	433,169.81	99.10%
658	Alani	<i>Melicope lydgatei</i>	E	13.45	433,183.26	99.11%
659	`Awikiwiki	<i>Canavalia molokaiensis</i>	E	13.38	433,196.64	99.11%
660	Haha (Cyanea mannii)	<i>Cyanea mannii</i>	E	13.38	433,210.02	99.11%
661	Pilo	<i>Hedyotis mannii</i>	E	13.38	433,223.40	99.12%
662	Na`ena`e	<i>Dubautia latifolia</i>	E	13.24	433,236.64	99.12%
663	Manzanita, pallid	<i>Arctostaphylos pallida</i>	T	13.21	433,249.85	99.12%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
664	Pigtoe, shiny	<i>Fusconaia cor</i>	E	13.03	433,262.88	99.13%
665	Butterfly, Myrtle's silverspot	<i>Speyeria zerene myrtleae</i>	E	13.00	433,275.88	99.13%
666	Allocarya, Calistoga	<i>Plagiobothrys strictus</i>	E	13.00	433,288.88	99.13%
667	Nanu	<i>Gardenia mannii</i>	E	13.00	433,301.88	99.14%
668	No Common Name	<i>Lobelia niihauensis</i>	E	13.00	433,314.88	99.14%
669	Oha	<i>Delissea subcordata</i>	E	13.00	433,327.88	99.14%
670	Owl's-clover, fleshy	<i>Castilleja campestris succulenta</i>	T	13.00	433,340.88	99.14%
671	Paintbrush, Tiburon	<i>Castilleja affinis neglecta</i>	E	13.00	433,353.88	99.15%
672	Wawae`iole, (=ha`iwale)	<i>Phlegmariurus nutans</i>	E	13.00	433,366.88	99.15%
673	Chaff-flower, round-leaved	<i>Achyranthes splendens rotundata</i>	E	12.99	433,379.87	99.15%
674	Remya, Maui	<i>Remya mauiensis</i>	E	12.96	433,392.83	99.16%
675	Haha (Cyanea grimesiana obatae)	<i>Cyanea grimesiana obatae</i>	E	12.90	433,405.73	99.16%
676	Townsendia, Last Chance	<i>Townsendia aprica</i>	T	12.90	433,418.63	99.16%
677	Sandalwood, Lanai or `iliahi	<i>Santalum freycinetianum lanaiense</i>	E	12.90	433,431.53	99.16%
678	Whale, finback	<i>Balaenoptera physalus</i>	E	12.82	433,444.34	99.17%
679	`Akoko	<i>Chamaesyce celastroides kaenana</i>	E	12.80	433,457.14	99.17%
680	Ma`oli`oli	<i>Schiedea kealiae</i>	E	12.80	433,469.94	99.17%
681	No Common Name	<i>Hesperomannia arbuscula</i>	E	12.80	433,482.74	99.18%
682	No Common Name	<i>Schiedea kaalae</i>	E	12.80	433,495.54	99.18%
683	Popolo `aiakeakua	<i>Solanum sandwicense</i>	E	12.75	433,508.29	99.18%
684	Crayfish, Nashville	<i>Orconectes shoupi</i>	E	12.70	433,520.99	99.19%
685	Viola lanaiensis	<i>Viola lanaiensis</i>	E	12.70	433,533.69	99.19%
686	No Common Name	<i>Lobelia oahuensis</i>	E	12.70	433,546.39	99.19%
687	Moth, Kern primrose sphinx	<i>Euproserpinus euterpe</i>	T	12.68	433,559.08	99.19%
688	Ko`oko`olau	<i>Bidens micrantha kalealaha</i>	E	12.67	433,571.75	99.20%
689	Pussypaws, Mariposa	<i>Calyptridium pulchellum</i>	T	12.60	433,584.35	99.20%
690	`Akoko, Ewa Plains	<i>Chamaesyce skottsbergii kalaeloana</i>	E	12.55	433,596.90	99.20%
691	Haha (Cyanea truncata)	<i>Cyanea truncata</i>	E	12.55	433,609.45	99.21%
692	Ha`iwale	<i>Cyrtandra polyantha</i>	E	12.55	433,622.00	99.21%
693	No Common Name	<i>Silene perlmanii</i>	E	12.55	433,634.55	99.21%
694	Cactus, Lee pincushion	<i>Coryphantha sneedii leei</i>	T	12.50	433,647.05	99.21%
695	Milk-vetch, Jesup's	<i>Astragalus robbinsii jesupi</i>	E	12.50	433,659.55	99.22%
696	Ha`iwale	<i>Cyrtandra crenata</i>	E	12.45	433,672.00	99.22%
697	Nioi	<i>Eugenia koolauensis</i>	E	12.45	433,684.45	99.22%
698	Panicgrass, Carter's	<i>Panicum fauriei carteri</i>	E	12.45	433,696.90	99.23%
699	Schiedea, Diamond Head	<i>Schiedea adamantis</i>	E	12.45	433,709.35	99.23%
700	Ihi`ihi	<i>Marsilea villosa</i>	E	12.45	433,721.80	99.23%
701	Bluegrass, Mann's	<i>Poa mannii</i>	E	12.44	433,734.24	99.23%
702	`Akoko	<i>Chamaesyce deppeana</i>	E	12.40	433,746.64	99.24%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
703	No Common Name	<i>Lysimachia maxima</i>	E	12.40	433,759.04	99.24%
704	Sunburst, San Joaquin adobe	<i>Pseudobahia peirsonii</i>	T	12.37	433,771.41	99.24%
705	Hau kuahiwi	<i>Hibiscadelphus giffardianus</i>	E	12.25	433,783.66	99.25%
706	Daisy, Maguire	<i>Erigeron maguirei</i>	T	12.20	433,795.86	99.25%
707	Bean, purple	<i>Villosa perpurpurea</i>	E	12.18	433,808.03	99.25%
708	Kuahiwi laukahi	<i>Plantago hawaiiensis</i>	E	12.15	433,820.18	99.25%
709	Lo`ulu	<i>Pritchardia affinis</i>	E	12.15	433,832.33	99.26%
710	Dogweed, ashy	<i>Thymophylla tephroleuca</i>	E	12.10	433,844.43	99.26%
711	Darter, bluemask	<i>Etheostoma sp.</i>	E	12.10	433,856.53	99.26%
712	Aupaka	<i>Isodendron hosakae</i>	E	12.08	433,868.61	99.26%
713	Milk-vetch, Sentry	<i>Astragalus cremnophylax cremnophylax</i>	E	12.04	433,880.65	99.27%
714	Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	E	12.00	433,892.65	99.27%
715	Blossom, tubercled	<i>Epioblasma torulosa torulosa</i>	E	12.00	433,904.65	99.27%
716	Kidneyshell, triangular	<i>Ptychobranthus greeni</i>	E	12.00	433,916.65	99.28%
717	Butterfly, callippe silverspot	<i>Speyeria callippe callippe</i>	E	12.00	433,928.65	99.28%
718	Butterfly, San Bruno elfin	<i>Callophrys mossii bayensis</i>	E	12.00	433,940.65	99.28%
719	Bird's-beak, Pennell's	<i>Cordylanthus tenuis capillaris</i>	E	12.00	433,952.65	99.28%
720	Bladderpod, Dudley Bluffs	<i>Lesquerella congesta</i>	T	12.00	433,964.65	99.29%
721	Bluegrass, Napa	<i>Poa napensis</i>	E	12.00	433,976.65	99.29%
722	Brodiaea, Chinese Camp	<i>Brodiaea pallida</i>	T	12.00	433,988.65	99.29%
723	Buckwheat, lone	<i>Eriogonum apricum</i>	E	12.00	434,000.65	99.29%
724	Cactus, Wright fishhook	<i>Sclerocactus wrightiae</i>	E	12.00	434,012.65	99.30%
725	Ceanothus, coyote	<i>Ceanothus ferrisae</i>	E	12.00	434,024.65	99.30%
726	Checker-mallow, Kenwood Marsh	<i>Sidalcea oregana valida</i>	E	12.00	434,036.65	99.30%
727	Clarkia, Presidio	<i>Clarkia franciscana</i>	E	12.00	434,048.65	99.31%
728	Clarkia, Vine Hill	<i>Clarkia imbricata</i>	E	12.00	434,060.65	99.31%
729	Dudleya, Santa Clara Valley	<i>Dudleya setchellii</i>	E	12.00	434,072.65	99.31%
730	Dwarf-flax, Marin	<i>Hesperolinon congestum</i>	T	12.00	434,084.65	99.31%
731	Grass, Colusa	<i>Neostapfia colusana</i>	T	12.00	434,096.65	99.32%
732	Jewelflower, Metcalf Canyon	<i>Streptanthus albidus albidus</i>	E	12.00	434,108.65	99.32%
733	Jewelflower, Tiburon	<i>Streptanthus niger</i>	E	12.00	434,120.65	99.32%
734	Lessingia, San Francisco	<i>Lessingia germanorum</i>	E	12.00	434,132.65	99.33%
735	Lily, Pitkin Marsh	<i>Lilium pardalinum pitkinense</i>	E	12.00	434,144.65	99.33%
736	Lo`ulu	<i>Pritchardia remota</i>	E	12.00	434,156.65	99.33%
737	Manzanita, lone	<i>Arctostaphylos myrtifolia</i>	T	12.00	434,168.65	99.33%
738	Manzanita, Presidio	<i>Arctostaphylos hookeri ravenii</i>	E	12.00	434,180.65	99.34%
739	Mariposa lily, Tiburon	<i>Calochortus tiburonensis</i>	T	12.00	434,192.65	99.34%
740	Meadowfoam, Butte County	<i>Limnanthes floccosa californica</i>	E	12.00	434,204.65	99.34%
741	Milk-vetch, Clara Hunt's	<i>Astragalus clarianus</i>	E	12.00	434,216.65	99.34%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
742	Navarretia, few-flowered	<i>Navarretia leucocephala pauciflora</i>	E	12.00	434,228.65	99.35%
743	Navarretia, many-flowered	<i>Navarretia leucocephala plieantha</i>	E	12.00	434,240.65	99.35%
744	Sedge, white	<i>Carex albida</i>	E	12.00	434,252.65	99.35%
745	Stonecrop, Lake County	<i>Parvisedum leiocarpum</i>	E	12.00	434,264.65	99.36%
746	Sunburst, Hartweg's golden	<i>Pseudobahia bahiifolia</i>	E	12.00	434,276.65	99.36%
747	Sunflower, San Mateo woolly	<i>Eriophyllum latilobum</i>	E	12.00	434,288.65	99.36%
748	Thistle, fountain	<i>Cirsium fontinale fontinale</i>	E	12.00	434,300.65	99.36%
749	Thistle, Loch Lomond coyote	<i>Eryngium constancei</i>	E	12.00	434,312.65	99.37%
750	Twinpod, Dudley Bluffs	<i>Physaria obcordata</i>	T	12.00	434,324.65	99.37%
751	Vervain, Red Hills	<i>Verbena californica</i>	T	12.00	434,336.65	99.37%
752	Silversword, Haleakala	<i>Argyroxiphium sandwicense macrocephalum</i>	T	11.88	434,348.53	99.37%
753	Iliau, dwarf	<i>Wilkesia hobyi</i>	E	11.70	434,360.23	99.38%
754	Alani	<i>Melicope quadrangularis</i>	E	11.70	434,371.93	99.38%
755	Alani	<i>Melicope haupuensis</i>	E	11.70	434,383.62	99.38%
756	Diplazium molokaiense (=Sci. Name)	<i>Diplazium molokaiense</i>	E	11.68	434,395.31	99.39%
757	Alani	<i>Melicope saint-johnii</i>	E	11.60	434,406.90	99.39%
758	Alani	<i>Melicope balloui</i>	E	11.58	434,418.48	99.39%
759	Pearlymussel, white wartyback	<i>Plethobasus cicatricosus</i>	E	11.58	434,430.06	99.39%
760	Alani	<i>Melicope pallida</i>	E	11.55	434,441.60	99.40%
761	Alani	<i>Melicope knudsenii</i>	E	11.55	434,453.15	99.40%
762	Moccasinshell, Coosa	<i>Medionidus parvulus</i>	E	11.50	434,464.65	99.40%
763	Heather, mountain golden	<i>Hudsonia montana</i>	T	11.50	434,476.15	99.40%
764	Alani	<i>Melicope zahlbruckneri</i>	E	11.50	434,487.64	99.41%
765	Kamakahala	<i>Labordia cyrtandrae</i>	E	11.40	434,499.04	99.41%
766	No Common Name	<i>Lobelia monostachya</i>	E	11.40	434,510.44	99.41%
767	Haha (Cyanea asarifolia)	<i>Cyanea asarifolia</i>	E	11.35	434,521.79	99.41%
768	Haha (Cyanea undulata)	<i>Cyanea undulata</i>	E	11.35	434,533.14	99.42%
769	Hau kuahiwi	<i>Hibiscadelphus woodii</i>	E	11.35	434,544.49	99.42%
770	Hibiscus, Clay's	<i>Hibiscus clayi</i>	E	11.35	434,555.84	99.42%
771	Kamakahala	<i>Labordia tinifolia wahiawaensis</i>	E	11.35	434,567.19	99.42%
772	Kamakahala	<i>Labordia lydgatei</i>	E	11.35	434,578.54	99.43%
773	Lo`ulu	<i>Pritchardia viscosa</i>	E	11.35	434,589.89	99.43%
774	Maua	<i>Xylosma crenatum</i>	E	11.35	434,601.24	99.43%
775	No Common Name	<i>Stenogyne campanulata</i>	E	11.35	434,612.59	99.43%
776	Oha	<i>Delissea rivularis</i>	E	11.35	434,623.94	99.44%
777	Oha	<i>Delissea rhytidosperma</i>	E	11.35	434,635.29	99.44%
778	Alani	<i>Melicope ovalis</i>	E	11.35	434,646.64	99.44%
779	Alani	<i>Melicope munroi</i>	E	11.35	434,657.99	99.45%
780	No Common Name	<i>Abutilon eremitopetalum</i>	E	11.30	434,669.29	99.45%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
781	A`e	<i>Zanthoxylum dipetalum tomentosum</i>	E	11.25	434,680.54	99.45%
782	Haha (Cyanea humboldtiana)	<i>Cyanea humboldtiana</i>	E	11.25	434,691.79	99.45%
783	Haha (Cyanea copelandii copelandii)	<i>Cyanea copelandii copelandii</i>	E	11.25	434,703.04	99.46%
784	Haha (Cyanea longiflora)	<i>Cyanea longiflora</i>	E	11.25	434,714.29	99.46%
785	Haha (Cyanea stictophylla)	<i>Cyanea stictophylla</i>	E	11.25	434,725.54	99.46%
786	Haha (Cyanea platyphylla)	<i>Cyanea platyphylla</i>	E	11.25	434,736.79	99.46%
787	Ha`iwale	<i>Cyrtandra tintinnabula</i>	E	11.25	434,748.04	99.47%
788	Holei	<i>Ochrosia kilauaeaensis</i>	E	11.25	434,759.29	99.47%
789	Kolea	<i>Myrsine juddii</i>	E	11.25	434,770.54	99.47%
790	Lo`ulu	<i>Pritchardia schattaueri</i>	E	11.25	434,781.79	99.47%
791	No Common Name	<i>Lobelia gaudichaudii koolauensis</i>	E	11.25	434,793.04	99.48%
792	No Common Name	<i>Gouania vitifolia</i>	E	11.25	434,804.29	99.48%
793	No Common Name	<i>Phyllostegia kaalaensis</i>	E	11.25	434,815.54	99.48%
794	No Common Name	<i>Trematolobelia singularis</i>	E	11.25	434,826.79	99.48%
795	No Common Name	<i>Phyllostegia warshaueri</i>	E	11.25	434,838.04	99.49%
796	No Common Name	<i>Phyllostegia velutina</i>	E	11.25	434,849.29	99.49%
797	Oha	<i>Delissea undulata</i>	E	11.25	434,860.54	99.49%
798	`Oha wai	<i>Clermontia peleana</i>	E	11.25	434,871.79	99.49%
799	Nohoanu	<i>Geranium multiflorum</i>	E	11.23	434,883.02	99.50%
800	`Aiea	<i>Nothoestrum peltatum</i>	E	11.20	434,894.22	99.50%
801	Bluegrass, Hawaiian	<i>Poa sandvicensis</i>	E	11.20	434,905.42	99.50%
802	Haha (Cyanea remyi)	<i>Cyanea remyi</i>	E	11.20	434,916.62	99.50%
803	Haha (Cyanea recta)	<i>Cyanea recta</i>	T	11.20	434,927.82	99.51%
804	Ha`iwale	<i>Cyrtandra limahuliensis</i>	T	11.20	434,939.02	99.51%
805	Kaulu	<i>Pteralyxia kauaiensis</i>	E	11.20	434,950.22	99.51%
806	Koki`o ke`oke`o	<i>Hibiscus waimeae hanneriae</i>	E	11.20	434,961.42	99.51%
807	Koki`o, (=Kaua`i koki`o)	<i>Kokia kauaiensis</i>	E	11.20	434,972.62	99.52%
808	Laulihilihi, (=Ma`oli`oli)	<i>Schiedea stellarioides</i>	E	11.20	434,983.82	99.52%
809	Liliwai	<i>Acaena exigua</i>	E	11.20	434,995.02	99.52%
810	Mapele	<i>Cyrtandra cyaneoides</i>	E	11.20	435,006.22	99.52%
811	Na`ena`e	<i>Dubautia pauciflora</i>	E	11.20	435,017.42	99.53%
812	Nani wai`ale`ale	<i>Viola kauaiensis wahiawaensis</i>	E	11.20	435,028.62	99.53%
813	Nehe	<i>Lipochaeta fauriei</i>	E	11.20	435,039.82	99.53%
814	Nehe	<i>Lipochaeta waimeaensis</i>	E	11.20	435,051.02	99.54%
815	Nehe	<i>Lipochaeta micrantha</i>	E	11.20	435,062.22	99.54%
816	No Common Name	<i>Schiedea membranacea</i>	E	11.20	435,073.42	99.54%
817	No Common Name	<i>Gouania meyenii</i>	E	11.20	435,084.62	99.54%
818	No Common Name	<i>Phyllostegia wawrana</i>	E	11.20	435,095.82	99.55%
819	No Common Name	<i>Lysimachia lydgatei</i>	E	11.20	435,107.02	99.55%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
820	No Common Name	<i>Remya montgomeryi</i>	E	11.20	435,118.22	99.55%
821	No Common Name	<i>Schiedea helleri</i>	E	11.20	435,129.42	99.55%
822	No Common Name	<i>Poa siphonoglossa</i>	E	11.20	435,140.62	99.56%
823	No Common Name	<i>Viola helenae</i>	E	11.20	435,151.82	99.56%
824	No Common Name	<i>Remya kauaiensis</i>	E	11.20	435,163.02	99.56%
825	No Common Name	<i>Hesperomannia lydgatei</i>	E	11.20	435,174.22	99.56%
826	Diellia pallida (=Sci. Name)	<i>Diellia pallida</i>	E	11.20	435,185.42	99.57%
827	`Anunu	<i>Sicyos alba</i>	E	11.15	435,196.57	99.57%
828	Awiji	<i>Hedyotis cookiana</i>	E	11.15	435,207.72	99.57%
829	Haha (Cyanea pinnatifida)	<i>Cyanea pinnatifida</i>	E	11.15	435,218.87	99.57%
830	Haha (Cyanea dunbarii)	<i>Cyanea dunbarii</i>	E	11.15	435,230.02	99.58%
831	Haha (Cyanea macrostegia gibsonii)	<i>Cyanea macrostegia gibsonii</i>	E	11.15	435,241.17	99.58%
832	Haha (Cyanea copelandii haleakalaensis)	<i>Cyanea copelandii haleakalaensis</i>	E	11.15	435,252.32	99.58%
833	Ha`iwale	<i>Cyrtandra munroi</i>	E	11.15	435,263.47	99.58%
834	Ha`iwale	<i>Cyrtandra giffardii</i>	E	11.15	435,274.62	99.59%
835	Honohono	<i>Haplostachys haplostachya</i>	E	11.15	435,285.77	99.59%
836	Kohe malama malama o kanaloa	<i>Kanaloa kahoolawensis</i>	E	11.15	435,296.92	99.59%
837	Ko`oko`olau	<i>Bidens wiebkei</i>	E	11.15	435,308.07	99.59%
838	Ko`oloa`ula	<i>Abutilon menziesii</i>	E	11.15	435,319.22	99.60%
839	Kopa	<i>Hedyotis schlechtendahliana remyi</i>	E	11.15	435,330.37	99.60%
840	Lo`ulu	<i>Pritchardia munroi</i>	E	11.15	435,341.52	99.60%
841	Lo`ulu, (=wahane)	<i>Pritchardia aylmer-robinsonii</i>	E	11.15	435,352.67	99.60%
842	Love grass, Fosberg's	<i>Eragrostis fosbergii</i>	E	11.15	435,363.82	99.61%
843	No Common Name	<i>Gahnia lanaiensis</i>	E	11.15	435,374.97	99.61%
844	No Common Name	<i>Schiedea kauaiensis</i>	E	11.15	435,386.12	99.61%
845	No Common Name	<i>Tetramolopium remyi</i>	E	11.15	435,397.27	99.61%
846	No Common Name	<i>Tetramolopium arenarium</i>	E	11.15	435,408.42	99.62%
847	No Common Name	<i>Stenogyne kanehoana</i>	E	11.15	435,419.57	99.62%
848	No Common Name	<i>Phyllostegia glabra lanaiensis</i>	E	11.15	435,430.72	99.62%
849	No Common Name	<i>Amaranthus brownii</i>	E	11.15	435,441.87	99.62%
850	`Oha wai	<i>Clermontia oblongifolia mauiensis</i>	E	11.15	435,453.02	99.63%
851	Asplenium fragile insulare (=Sci. Name)	<i>Asplenium fragile insulare</i>	E	11.15	435,464.17	99.63%
852	Water-plantain, Kral's	<i>Sagittaria secundifolia</i>	T	11.10	435,475.27	99.63%
853	Catspaw	<i>Epioblasma obliquata obliquata</i>	E	11.00	435,486.27	99.63%
854	`Akoko	<i>Chamaesyce herbstii</i>	E	11.00	435,497.27	99.64%
855	`Akoko	<i>Chamaesyce kuwaleana</i>	E	11.00	435,508.27	99.64%
856	Beauty, Harper's	<i>Harperocallis flava</i>	E	11.00	435,519.27	99.64%
857	Birds-in-a-nest, white	<i>Macbridea alba</i>	T	11.00	435,530.27	99.64%
858	Haha (Cyanea hamatiflora hamatiflora)	<i>Cyanea hamatiflora hamatiflora</i>	E	11.00	435,541.27	99.65%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
859	Haha (Cyanea glabra)	<i>Cyanea glabra</i>	E	11.00	435,552.27	99.65%
860	Haha (Cyanea lobata)	<i>Cyanea lobata</i>	E	11.00	435,563.27	99.65%
861	Haha (Cyanea mceldowneyi)	<i>Cyanea mceldowneyi</i>	E	11.00	435,574.27	99.65%
862	Hedyotis, Na Pali beach	<i>Hedyotis st.-johnii</i>	E	11.00	435,585.27	99.66%
863	Kamakahala	<i>Labordia tinifolia lanaiensis</i>	E	11.00	435,596.27	99.66%
864	Koki`o ke`oke`o	<i>Hibiscus arnottianus immaculatus</i>	E	11.00	435,607.27	99.66%
865	Kula wahine noho	<i>Isodendron pyrifolium</i>	E	11.00	435,618.27	99.67%
866	Lagu, Hyan	<i>Serianthes nelsonii</i>	E	11.00	435,629.27	99.67%
867	Lo`ulu	<i>Pritchardia napaliensis</i>	E	11.00	435,640.27	99.67%
868	Lo`ulu	<i>Pritchardia kaalae</i>	E	11.00	435,651.27	99.67%
869	Makou	<i>Peucedanum sandwicense</i>	T	11.00	435,662.27	99.68%
870	Ma`oli`oli	<i>Schiedea apokremnos</i>	E	11.00	435,673.27	99.68%
871	Na`ena`e	<i>Dubautia plantaginea humilis</i>	E	11.00	435,684.27	99.68%
872	Na`ena`e	<i>Dubautia herbstobatae</i>	E	11.00	435,695.27	99.68%
873	Naupaka, dwarf	<i>Scaevola coriacea</i>	E	11.00	435,706.27	99.69%
874	Nehe	<i>Lipochaeta tenuifolia</i>	E	11.00	435,717.27	99.69%
875	Nehe	<i>Lipochaeta lobata leptophylla</i>	E	11.00	435,728.27	99.69%
876	Nehe	<i>Lipochaeta kamolensis</i>	E	11.00	435,739.27	99.69%
877	Nehe	<i>Lipochaeta venosa</i>	E	11.00	435,750.27	99.70%
878	No Common Name	<i>Schiedea sarmentosa</i>	E	11.00	435,761.27	99.70%
879	Ma`aloha, Big Island	<i>Neraudia ovata</i>	E	11.00	435,772.27	99.70%
880	No Common Name	<i>Hedyotis degeneri</i>	E	11.00	435,783.27	99.70%
881	No Common Name	<i>Gouania hillebrandii</i>	E	11.00	435,794.27	99.71%
882	No Common Name	<i>Schiedea spergulina spergulina</i>	T	11.00	435,805.27	99.71%
883	No Common Name	<i>Schiedea spergulina leiopoda</i>	E	11.00	435,816.27	99.71%
884	No Common Name	<i>Schiedea lydgatei</i>	E	11.00	435,827.27	99.71%
885	No Common Name	<i>Schiedea haleakalensis</i>	E	11.00	435,838.27	99.72%
886	No Common Name	<i>Lysimachia filifolia</i>	E	11.00	435,849.27	99.72%
887	No Common Name	<i>Tetramolopium rockii</i>	T	11.00	435,860.27	99.72%
888	No Common Name	<i>Silene alexandri</i>	E	11.00	435,871.27	99.72%
889	No Common Name	<i>Neraudia angulata</i>	E	11.00	435,882.27	99.73%
890	No Common Name	<i>Munroidendron racemosum</i>	E	11.00	435,893.27	99.73%
891	No Common Name	<i>Abutilon sandwicense</i>	E	11.00	435,904.27	99.73%
892	No Common Name	<i>Schiedea verticillata</i>	E	11.00	435,915.27	99.73%
893	`Oha wai	<i>Clermontia drepanomorpha</i>	E	11.00	435,926.27	99.74%
894	`Oha wai	<i>Clermontia samuelii</i>	E	11.00	435,937.27	99.74%
895	Olulu	<i>Brighamia insignis</i>	E	11.00	435,948.27	99.74%
896	Pau`ala, (=alulu)	<i>Brighamia rockii</i>	E	11.00	435,959.27	99.74%
897	Pentachaeta, white-rayed	<i>Pentachaeta bellidiflora</i>	E	11.00	435,970.27	99.75%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
898	Diellia unisora (=Sci. Name)	<i>Diellia unisora</i>	E	11.00	435,981.27	99.75%
899	Cactus, star	<i>Astrophytum asterias</i>	E	10.70	435,991.97	99.75%
900	Joint-vetch, sensitive	<i>Aeschynomene virginica</i>	T	10.70	436,002.67	99.75%
901	Rosemary, Cumberland	<i>Conradina verticillata</i>	T	10.60	436,013.27	99.76%
902	Lichen, rock gnome	<i>Gymnoderma lineare</i>	E	10.60	436,023.87	99.76%
903	Whitlow-wort, papery	<i>Paronychia chartacea</i>	T	10.59	436,034.46	99.76%
904	Blossom, yellow	<i>Epioblasma florentina florentina</i>	E	10.50	436,044.96	99.76%
905	Avens, spreading	<i>Geum radiatum</i>	E	10.50	436,055.46	99.77%
906	Tiger beetle, Puritan	<i>Cicindela puritana</i>	T	10.40	436,065.86	99.77%
907	Creeper, Molokai	<i>Paroreomyza flammea</i>	E	10.38	436,076.24	99.77%
908	Thrush, Molokai	<i>Myadestes lanaiensis rutha</i>	E	10.38	436,086.62	99.77%
909	Cactus, Arizona hedgehog	<i>Echinocereus triglochidiatus arizonicus</i>	E	10.25	436,096.87	99.77%
910	Ayenia, Texas	<i>Ayenia limitaris</i>	E	10.20	436,107.07	99.78%
911	Nightjar, Puerto Rican	<i>Caprimulgus noctitherus</i>	E	10.00	436,117.07	99.78%
912	Turtle, Plymouth redbelly	<i>Pseudemys rubriventris bangsi</i>	E	10.00	436,127.07	99.78%
913	Salamander, Red Hills	<i>Phaeognathus hubrichti</i>	T	10.00	436,137.07	99.78%
914	Aster, Ruth's golden	<i>Pityopsis ruthii</i>	E	10.00	436,147.07	99.79%
915	Cactus, Unita Basin hookless	<i>Sclerocactus glaucus</i>	T	9.74	436,156.81	99.79%
916	Finch, Laysan	<i>Telespyza cantans</i>	E	9.67	436,166.48	99.79%
917	Chub, Yaqui	<i>Gila purpurea</i>	E	9.50	436,175.98	99.79%
918	Manioc, Walker's	<i>Manihot walkerae</i>	E	9.50	436,185.48	99.79%
919	Tiger beetle, northeastern beach	<i>Cicindela dorsalis dorsalis</i>	T	9.40	436,194.88	99.80%
920	Blossom, turgid	<i>Epioblasma turgidula</i>	E	9.33	436,204.20	99.80%
921	Ambrosia, south Texas	<i>Ambrosia cheiranthifolia</i>	E	9.30	436,213.50	99.80%
922	Buckwheat, steamboat	<i>Eriogonum ovalifolium williamsiae</i>	E	9.30	436,222.80	99.80%
923	Wild-rice, Texas	<i>Zizania texana</i>	E	9.30	436,232.10	99.81%
924	Coneflower, Tennessee purple	<i>Echinacea tennesseensis</i>	E	9.20	436,241.30	99.81%
925	Lousewort, Furbish	<i>Pedicularis furbishiae</i>	E	9.20	436,250.50	99.81%
926	Mustard, Carter's	<i>Warea carteri</i>	E	9.03	436,259.54	99.81%
927	Wireweed	<i>Polygonella basirama</i>	E	9.03	436,268.57	99.81%
928	Acornshell, southern	<i>Epioblasma othcaloogensis</i>	E	9.00	436,277.57	99.82%
929	Combshell, upland	<i>Epioblasma metastriata</i>	E	9.00	436,286.57	99.82%
930	Milk-vetch, Osterhout	<i>Astragalus osterhoutii</i>	E	9.00	436,295.57	99.82%
931	Phacelia, North Park	<i>Phacelia formosula</i>	E	9.00	436,304.57	99.82%
932	Prairie-clover, leafy	<i>Dalea foliosa</i>	E	8.99	436,313.56	99.82%
933	`O`o, Kauai	<i>Moho braccatus</i>	E	8.80	436,322.36	99.83%
934	Pearlymussel, Curtis	<i>Epioblasma florentina curtisii</i>	E	8.75	436,331.11	99.83%
935	Bobwhite, masked	<i>Colinus virginianus ridgwayi</i>	E	8.50	436,339.61	99.83%
936	Milk-vetch, Mancos	<i>Astragalus humillimus</i>	E	8.04	436,347.65	99.83%



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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
937	Akialoa, Kauai	<i>Hemignathus procerus</i>	E	8.00	436,355.65	99.83%
938	Duck, Laysan	<i>Anas laysanensis</i>	E	8.00	436,363.65	99.84%
939	Finch, Nihoa	<i>Telespyza ultima</i>	E	8.00	436,371.65	99.84%
940	Millerbird, Nihoa	<i>Acrocephalus familiaris kingi</i>	E	8.00	436,379.65	99.84%
941	White-eye, bridled	<i>Zosterops conspicillatus conspicillatus</i>	E	8.00	436,387.65	99.84%
942	Dace, Kendall Warm Springs	<i>Rhinichthys osculus thermalis</i>	E	8.00	436,395.65	99.84%
943	Catspaw, white	<i>Epioblasma obliquata perobliqua</i>	E	8.00	436,403.65	99.84%
944	Rabbitsfoot, rough	<i>Quadrula cylindrica strigillata</i>	E	8.00	436,411.65	99.85%
945	Bladderpod, Spring Creek	<i>Lesquerella perforata</i>	E	7.50	436,419.15	99.85%
946	Phacelia, clay	<i>Phacelia argillacea</i>	E	7.50	436,426.65	99.85%
947	Reed-mustard, Barneby	<i>Schoenocrambe barnebyi</i>	E	7.40	436,434.05	99.85%
948	Snail, Stock Island tree	<i>Orthalicus reses</i>	T	7.30	436,441.35	99.85%
949	Turtle, yellow-blotched map	<i>Graptemys flavimaculata</i>	T	7.21	436,448.56	99.85%
950	Bladderpod, kodachrome	<i>Lesquerella tumulosa</i>	E	7.20	436,455.76	99.86%
951	Rock-cress, shale barren	<i>Arabis serotina</i>	E	7.12	436,462.88	99.86%
952	Fleabane, Zuni	<i>Erigeron rhizomatus</i>	T	7.00	436,469.88	99.86%
953	Mallow, Peter's Mountain	<i>Iliamna corei</i>	E	7.00	436,476.88	99.86%
954	Goldenrod, Blue Ridge	<i>Solidago spithamaea</i>	T	6.90	436,483.78	99.86%
955	Blossom, green	<i>Epioblasma torulosa gubernaculum</i>	E	6.80	436,490.58	99.86%
956	Cycladenia, Jones	<i>Cycladenia humilis jonesii</i>	T	6.74	436,497.32	99.87%
957	Daisy, lakeside	<i>Hymenoxys herbacea</i>	T	6.73	436,504.05	99.87%
958	Madtom, pygmy	<i>Noturus stanauli</i>	E	6.70	436,510.75	99.87%
959	Whale, sperm	<i>Physeter catodon</i>	E	6.60	436,517.35	99.87%
960	Chub, slender	<i>Erimystax cahni</i>	T	6.50	436,523.85	99.87%
961	Silverside, Waccamaw	<i>Menidia extensa</i>	T	6.50	436,530.35	99.87%
962	Iris, dwarf lake	<i>Iris lacustris</i>	T	6.50	436,536.85	99.88%
963	Penstemon, blowout	<i>Penstemon haydenii</i>	E	6.50	436,543.35	99.88%
964	Agave, Arizona	<i>Agave arizonica</i>	E	6.30	436,549.65	99.88%
965	Heartleaf, dwarf-flowered	<i>Hexastylis naniflora</i>	T	6.21	436,555.86	99.88%
966	Salamander, Shenandoah	<i>Plethodon shenandoah</i>	E	6.10	436,561.96	99.88%
967	Cactus, Peebles Navajo	<i>Pediocactus peeblesianus peeblesianus</i>	E	6.04	436,568.00	99.88%
968	Boa, Virgin Islands tree	<i>Epicrates monensis granti</i>	E	6.00	436,574.00	99.88%
969	Goetzea, beautiful	<i>Goetzea elegans</i>	E	6.00	436,580.00	99.89%
970	Locoweed, Fassett's	<i>Oxytropis campestris chartacea</i>	T	6.00	436,586.00	99.89%
971	No Common Name	<i>Catesbaea melanocarpa</i>	E	6.00	436,592.00	99.89%
972	Fern, Aleutian shield	<i>Polystichum aleuticum</i>	E	6.00	436,598.00	99.89%
973	Pigtoe, dark	<i>Pleurobema furvum</i>	E	5.97	436,603.97	99.89%
974	Lily, Minnesota dwarf trout	<i>Erythronium propullans</i>	E	5.90	436,609.87	99.89%
975	Fern, American hart's-tongue	<i>Asplenium scolopendrium americanum</i>	T	5.86	436,615.73	99.89%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
976	Jaguarundi, Sinaloa	<i>Herpailurus yagouaroundi tolteca</i>	E	5.80	436,621.53	99.89%
977	Cactus, Knowlton	<i>Pediocactus knowltonii</i>	E	5.56	436,627.10	99.90%
978	Sumac, Michaux's	<i>Rhus michauxii</i>	E	5.56	436,632.66	99.90%
979	Mouse, St. Andrew beach	<i>Peromyscus polionotus peninsularis</i>	E	5.53	436,638.19	99.90%
980	Boa, Mona	<i>Epicrates monensis monensis</i>	T	5.50	436,643.69	99.90%
981	Shrimp, Kentucky cave	<i>Palaemonias ganteri</i>	E	5.50	436,649.19	99.90%
982	Beetle, Hungerford's crawling water	<i>Brychius hungerfordi</i>	E	5.37	436,654.56	99.90%
983	Cactus, Mesa Verde	<i>Sclerocactus mesae-verdae</i>	T	5.37	436,659.93	99.90%
984	Curlew, Eskimo	<i>Numenius borealis</i>	E	5.33	436,665.26	99.90%
985	Cactus, Siler pincushion	<i>Pediocactus sileri</i>	T	5.28	436,670.53	99.91%
986	Sand-verbena, large-fruited	<i>Abronia macrocarpa</i>	E	5.10	436,675.63	99.91%
987	Hawk, Puerto Rican sharp-shinned	<i>Accipiter striatus venator</i>	E	5.00	436,680.63	99.91%
988	Spider, Tooth Cave	<i>Neoleptoneta myopica</i>	E	5.00	436,685.63	99.91%
989	Crayfish, cave	<i>Cambarus zophonastes</i>	E	5.00	436,690.63	99.91%
990	Crayfish, cave	<i>Cambarus aculabrum</i>	E	5.00	436,695.63	99.91%
991	Bariaco	<i>Trichilia triacantha</i>	E	5.00	436,700.63	99.91%
992	Higo, chumbo	<i>Harrisia portoricensis</i>	T	5.00	436,705.63	99.91%
993	Mustard, Penland alpine fen	<i>Eutrema penlandii</i>	T	5.00	436,710.63	99.91%
994	Palo de rosa	<i>Ottoschulzia rhodoxylon</i>	E	5.00	436,715.63	99.92%
995	Pitcher-plant, Alabama canebrake	<i>Sarracenia rubra alabamensis</i>	E	5.00	436,720.63	99.92%
996	Wild-buckwheat, clay-loving	<i>Eriogonum pelinophilum</i>	E	5.00	436,725.63	99.92%
997	Skink, bluetail mole	<i>Eumeces egregius lividus</i>	T	4.90	436,730.54	99.92%
998	Coqui, golden	<i>Eleutherodactylus jasperi</i>	T	4.75	436,735.28	99.92%
999	Cactus, Tobusch fishhook	<i>Ancistrocactus tobuschii</i>	E	4.70	436,739.98	99.92%
1000	Puma, eastern (Cougar, eastern)	<i>Puma concolor cougar</i>	E	4.68	436,744.66	99.92%
1001	Snail, Chittenango ovate amber	<i>Succinea chittenangoensis</i>	T	4.65	436,749.32	99.92%
1002	Shiner, palezone	<i>Notropis albizonatus</i>	E	4.50	436,753.82	99.92%
1003	Leather flower, Alabama	<i>Clematis socialis</i>	E	4.50	436,758.32	99.93%
1004	Trillium, relict	<i>Trillium reliquum</i>	E	4.50	436,762.82	99.93%
1005	Riversnail, Anthony's	<i>Athearnia anthonyi</i>	E	4.42	436,767.23	99.93%
1006	Cinquefoil, Robbins'	<i>Potentilla robbinsiana</i>	E	4.40	436,771.63	99.93%
1007	Darter, Maryland	<i>Etheostoma sellare</i>	E	4.37	436,776.01	99.93%
1008	Bulrush, Northeastern	<i>Scirpus ancistrochaetus</i>	E	4.23	436,780.23	99.93%
1009	Polygala, Lewton's	<i>Polygala lewtonii</i>	E	4.03	436,784.27	99.93%
1010	Guajon	<i>Eleutherodactylus cooki</i>	T	4.00	436,788.27	99.93%
1011	Catfish, Yaqui	<i>Ictalurus pricei</i>	T	4.00	436,792.27	99.93%
1012	Shiner, beautiful	<i>Cyprinella formosa</i>	T	4.00	436,796.27	99.93%
1013	Isopod, Socorro	<i>Thermosphaeroma thermophilus</i>	E	4.00	436,800.27	99.94%
1014	Bluet, Roan Mountain	<i>Hedyotis purpurea montana</i>	E	4.00	436,804.27	99.94%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1999 REPORTED EXPENDITURES (\$000)

RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
1015	Boxwood, Vahl's	<i>Buxus vahlii</i>	E	4.00	436,808.27	99.94%
1016	Cactus, black lace	<i>Echinocereus reichenbachii albertii</i>	E	4.00	436,812.27	99.94%
1017	Cobana negra	<i>Stahlia monosperma</i>	T	4.00	436,816.27	99.94%
1018	Ladies'-tresses, Canelo Hills	<i>Spiranthes delitescens</i>	E	4.00	436,820.27	99.94%
1019	Manaca, palma de	<i>Calyptronoma rivalis</i>	T	4.00	436,824.27	99.94%
1020	No Common Name	<i>Eugenia woodburyana</i>	E	4.00	436,828.27	99.94%
1021	No Common Name	<i>Daphnopsis hellerana</i>	E	4.00	436,832.27	99.94%
1022	Skink, sand	<i>Neoseps reynoldsi</i>	T	3.90	436,836.17	99.94%
1023	Isopod, Madison Cave	<i>Antrolana lira</i>	T	3.83	436,840.00	99.94%
1024	Cactus, Chisos Mtn. hedgehog	<i>Echinocereus chisoensis chisoensis</i>	T	3.80	436,843.80	99.95%
1025	Goldenrod, Houghton's	<i>Solidago houghtonii</i>	T	3.80	436,847.60	99.95%
1026	Roseroot, Leedy's	<i>Sedum integrifolium leedyi</i>	T	3.71	436,851.31	99.95%
1027	Blazingstar, Heller's	<i>Liatris helleri</i>	T	3.70	436,855.01	99.95%
1028	Goldenrod, white-haired	<i>Solidago albopilosa</i>	T	3.70	436,858.71	99.95%
1029	Whale, Sei	<i>Balaenoptera borealis</i>	E	3.60	436,862.31	99.95%
1030	Shagreen, Magazine Mountain	<i>Mesodon magazinensis</i>	T	3.50	436,865.81	99.95%
1031	Chupacallos	<i>Pleodendron macranthum</i>	E	3.50	436,869.31	99.95%
1032	No Common Name	<i>Gesneria pauciflora</i>	T	3.50	436,872.81	99.95%
1033	Uvillo	<i>Eugenia haematocarpa</i>	E	3.50	436,876.31	99.95%
1034	Amphipod, Hay's Spring	<i>Stygobromus hayi</i>	E	3.33	436,879.64	99.95%
1035	Amphianthus, little	<i>Amphianthus pusillus</i>	T	3.20	436,882.84	99.95%
1036	Snail, flat-spined three-toothed	<i>Triodopsis platysayoides</i>	T	3.08	436,885.92	99.96%
1037	Marstonia, royal	<i>Pyrgulopsis ogmorhapse</i>	E	3.00	436,888.92	99.96%
1038	Capa rosa	<i>Callicarpa ampla</i>	E	3.00	436,891.92	99.96%
1039	Erubia	<i>Solanum drymophilum</i>	E	3.00	436,894.92	99.96%
1040	Higuero de sierra	<i>Crescentia portoricensis</i>	E	3.00	436,897.92	99.96%
1041	Leather flower, Morefield's	<i>Clematis morefieldii</i>	E	3.00	436,900.92	99.96%
1042	No Common Name	<i>Leptocereus grantianus</i>	E	3.00	436,903.92	99.96%
1043	No Common Name	<i>Aristida chaseae</i>	E	3.00	436,906.92	99.96%
1044	No Common Name	<i>Schoepfia arenaria</i>	T	3.00	436,909.92	99.96%
1045	No Common Name	<i>Mitracarpus polycladus</i>	E	3.00	436,912.92	99.96%
1046	No Common Name	<i>Mitracarpus maxwelliae</i>	E	3.00	436,915.92	99.96%
1047	No Common Name	<i>Cordia bellonis</i>	E	3.00	436,918.92	99.96%
1048	No Common Name	<i>Chamaecrista glandulosa mirabilis</i>	E	3.00	436,921.92	99.96%
1049	No Common Name	<i>Calyptranthes thomasiana</i>	E	3.00	436,924.92	99.96%
1050	Palo de nigua	<i>Cornutia obovata</i>	E	3.00	436,927.92	99.96%
1051	Palo de ramon	<i>Banara vanderbiltii</i>	E	3.00	436,930.92	99.97%
1052	Pelos del diablo	<i>Aristida portoricensis</i>	E	3.00	436,933.92	99.97%
1053	Prickly-ash, St. Thomas	<i>Zanthoxylum thomasianum</i>	E	3.00	436,936.92	99.97%

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RANK	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	SPECIES TOTAL (\$000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
1054	Spurge, Garber's	<i>Chamaesyce garberi</i>	T	3.00	436,939.92	99.97%
1055	Tectaria estremerana (=Sci. Name)	<i>Tectaria estremerana</i>	E	3.00	436,942.92	99.97%
1056	Polystichum calderonense (=Sci. Name)	<i>Polystichum calderonense</i>	E	3.00	436,945.92	99.97%
1057	Elaphoglossum serpens (=Sci. Name)	<i>Elaphoglossum serpens</i>	E	2.86	436,948.78	99.97%
1058	Snake, Atlantic salt marsh	<i>Nerodia clarkii taeniata</i>	T	2.86	436,951.64	99.97%
1059	Snake, Concho water	<i>Nerodia paucimaculata</i>	T	2.53	436,954.17	99.97%
1060	Whale, bowhead	<i>Balaena mysticetus</i>	E	2.50	436,956.67	99.97%
1061	Gecko, Monito	<i>Sphaerodactylus micropithecus</i>	E	2.50	436,959.17	99.97%
1062	Snail, painted snake coiled forest	<i>Anguispira picta</i>	T	2.50	436,961.67	99.97%
1063	Springsnail, Alamosa	<i>Tryonia alamosae</i>	E	2.50	436,964.17	99.97%
1064	Springsnail, Socorro	<i>Pyrgulopsis neomexicana</i>	E	2.50	436,966.67	99.97%
1065	No Common Name	<i>Geocarpon minimum</i>	T	2.50	436,969.17	99.97%
1066	No Common Name	<i>Ilex sintenisii</i>	E	2.50	436,971.67	99.97%
1067	No Common Name	<i>Vernonia proctorii</i>	E	2.50	436,974.17	99.98%
1068	No Common Name	<i>Lyonia truncata proctorii</i>	E	2.50	436,976.67	99.98%
1069	No Common Name	<i>Auerodendron pauciflorum</i>	E	2.50	436,979.17	99.98%
1070	No Common Name	<i>Myrcia paganii</i>	E	2.50	436,981.67	99.98%
1071	No Common Name	<i>Ternstroemia subsessilis</i>	E	2.50	436,984.17	99.98%
1072	No Common Name	<i>Lepanthes eltoroensis</i>	E	2.50	436,986.67	99.98%
1073	Palo colorado	<i>Ternstroemia luquillensis</i>	E	2.50	436,989.17	99.98%
1074	Palo de jazmin	<i>Styrax portoricensis</i>	E	2.50	436,991.67	99.98%
1075	Harvestman, Bone Cave	<i>Texella reyesi</i>	E	2.40	436,994.07	99.98%
1076	Reed-mustard, clay	<i>Schoenocrambe argillacea</i>	T	2.30	436,996.37	99.98%
1077	Seal, Guadalupe fur	<i>Arctocephalus townsendi</i>	T	2.10	436,998.47	99.98%
1078	Salamander, Texas blind	<i>Typhlomolge rathbuni</i>	E	2.01	437,000.47	99.98%
1079	Cahow	<i>Pterodroma cahow</i>	E	2.00	437,002.47	99.98%
1080	Pawpaw, four-petal	<i>Asimina tetramera</i>	E	2.00	437,004.47	99.98%
1081	Peperomia, Wheeler's	<i>Peperomia wheeleri</i>	E	2.00	437,006.47	99.98%
1082	Fern, Elfin tree	<i>Cyathea dryopteroides</i>	E	2.00	437,008.47	99.98%
1083	Thelypteris yaucoensis (=Sci. Name)	<i>Thelypteris yaucoensis</i>	E	2.00	437,010.47	99.98%
1084	Thelypteris verecunda (=Sci. Name)	<i>Thelypteris verecunda</i>	E	2.00	437,012.47	99.98%
1085	Thelypteris inabonensis (=Sci. Name)	<i>Thelypteris inabonensis</i>	E	2.00	437,014.47	99.98%
1086	Adiantum vivesii (=Sci. Name)	<i>Adiantum vivesii</i>	E	2.00	437,016.47	99.98%
1087	Pigtoe, oval	<i>Pleurobema pyriforme</i>	E	1.81	437,018.28	99.99%
1088	Cory cactus, bunched	<i>Coryphantha ramillosa</i>	T	1.80	437,020.08	99.99%
1089	Chub, Chihuahua	<i>Gila nigrescens</i>	T	1.75	437,021.83	99.99%
1090	Moccasinshell, Ochlockonee	<i>Medionidus simpsonianus</i>	E	1.75	437,023.58	99.99%
1091	Salamander, San Marcos	<i>Eurycea nana</i>	T	1.73	437,025.31	99.99%
1092	Pocketbook, shinyrayed	<i>Lampsilis subangulata</i>	E	1.62	437,026.92	99.99%

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1093	Moccasinshell, Gulf	<i>Medionidus penicillatus</i>	E	1.52	437,028.45	99.99%
1094	Lampmussel, Alabama	<i>Lampsilis virescens</i>	E	1.50	437,029.95	99.99%
1095	Holly, Cook's	<i>Ilex cookii</i>	E	1.50	437,031.45	99.99%
1096	No Common Name	<i>Cranichis ricartii</i>	E	1.50	437,032.95	99.99%
1097	Slabshell, Chipola	<i>Elliptio chipolaensis</i>	T	1.47	437,034.42	99.99%
1098	Sedge, Navajo	<i>Carex specuicola</i>	T	1.45	437,035.87	99.99%
1099	Snake, Lake Erie water	<i>Nerodia sipedon insularum</i>	T	1.43	437,037.30	99.99%
1100	Cactus, Lloyd's Mariposa	<i>Echinomastus mariposensis</i>	T	1.40	437,038.70	99.99%
1101	Sunray, Ash Meadows	<i>Enceliopsis nudicaulis corrugata</i>	T	1.38	437,040.08	99.99%
1102	Blazingstar, scrub	<i>Liatris ohlingerae</i>	E	1.24	437,041.32	99.99%
1103	Lilliput, pale	<i>Toxolasma cylindrellus</i>	E	1.20	437,042.52	99.99%
1104	Milk-vetch, heliotrope	<i>Astragalus montii</i>	T	1.20	437,043.72	99.99%
1105	Fatmucket, Arkansas	<i>Lampsilis powelli</i>	T	1.15	437,044.87	99.99%
1106	Sandlace	<i>Polygonella myriophylla</i>	E	1.14	437,046.01	99.99%
1107	Pigeon wings	<i>Clitoria fragrans</i>	T	1.13	437,047.14	99.99%
1108	Clubshell, black	<i>Pleurobema curtum</i>	E	1.05	437,048.19	99.99%
1109	Fringe-tree, pygmy	<i>Chionanthus pygmaeus</i>	E	1.03	437,049.23	99.99%
1110	Harebells, Avon Park	<i>Crotalaria avonensis</i>	E	1.03	437,050.26	99.99%
1111	Pawpaw, beautiful	<i>Deeringothamnus pulchellus</i>	E	1.03	437,051.29	99.99%
1112	Rosemary, short-leaved	<i>Conradina brevifolia</i>	E	1.03	437,052.33	99.99%
1113	Anole, Culebra Island giant	<i>Anolis roosevelti</i>	E	1.00	437,053.33	99.99%
1114	Pocketbook, speckled	<i>Lampsilis streckeri</i>	E	1.00	437,054.33	99.99%
1115	Snail, noonday	<i>Mesodon clarki nantahala</i>	T	1.00	437,055.33	99.99%
1116	Butterfly, Saint Francis' satyr	<i>Neonympha mitchellii francisci</i>	E	1.00	437,056.33	99.99%
1117	Button, Mohr's Barbara	<i>Marshallia mohrii</i>	T	1.00	437,057.33	99.99%
1118	Cactus, Key tree	<i>Pilosocereus robinii</i>	E	1.00	437,058.33	99.99%
1119	Gourd, Okeechobee	<i>Cucurbita okeechobeensis okeechobeensis</i>	E	1.00	437,059.33	99.99%
1120	Lead-plant, Crenulate	<i>Amorpha crenulata</i>	E	1.00	437,060.33	99.99%
1121	Meadowrue, Cooley's	<i>Thalictrum cooleyi</i>	E	1.00	437,061.33	100.00%
1122	Milkpea, Small's	<i>Galactia smallii</i>	E	1.00	437,062.33	100.00%
1123	Mint, Garrett's	<i>Dicerandra christmanii</i>	E	1.00	437,063.33	100.00%
1124	Mint, Lakela's	<i>Dicerandra immaculata</i>	E	1.00	437,064.33	100.00%
1125	Mint, scrub	<i>Dicerandra frutescens</i>	E	1.00	437,065.33	100.00%
1126	Pennyroyal, Todsen's	<i>Hedeoma todsenii</i>	E	1.00	437,066.33	100.00%
1127	Polygala, tiny	<i>Polygala smallii</i>	E	1.00	437,067.33	100.00%
1128	Poppy, Sacramento prickly	<i>Argemone pleiacantha pinnatisecta</i>	E	1.00	437,068.33	100.00%
1129	Prickly-apple, fragrant	<i>Cereus eriophorus fragrans</i>	E	1.00	437,069.33	100.00%
1130	Spurge, deltoid	<i>Chamaesyce deltoidea deltoidea</i>	E	1.00	437,070.33	100.00%
1131	Fern, Alabama streak-sorus	<i>Thelypteris pilosa alabamensis</i>	T	1.00	437,071.33	100.00%

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1132	Stirrupshell	<i>Quadrula stapes</i>	E	0.70	437,072.02	100.00%
1133	Shrew, Dismal Swamp southeastern	<i>Sorex longirostris fisheri</i>	T	0.50	437,072.52	100.00%
1134	Crow, white-necked	<i>Corvus leucognaphalus</i>	E	0.50	437,073.02	100.00%
1135	Cactus, Lloyd's hedgehog	<i>Echinocereus lloydii</i>	E	0.50	437,073.52	100.00%
1136	Ipomopsis, Holy Ghost	<i>Ipomopsis sancti-spiritus</i>	E	0.50	437,074.02	100.00%
1137	Rattleweed, hairy	<i>Baptisia arachnifera</i>	E	0.50	437,074.52	100.00%
1138	Thistle, Sacramento Mountains	<i>Cirsium vinaceum</i>	T	0.50	437,075.02	100.00%
1139	Trillium, persistent	<i>Trillium persistens</i>	E	0.50	437,075.52	100.00%
1140	Elimia, lacy	<i>Elimia crenatella</i>	T	0.47	437,075.99	100.00%
1141	Lioplax, cylindrical	<i>Lioplax cyclostomaformis</i>	E	0.47	437,076.47	100.00%
1142	Beetle, Comal Springs dryopid	<i>Stygoparnus comalensis</i>	E	0.40	437,076.87	100.00%
1143	Beetle, Comal Springs riffle	<i>Heterelmis comalensis</i>	E	0.40	437,077.27	100.00%
1144	Beetle, Kretschmarr Cave mold	<i>Texamaurops reddelli</i>	E	0.40	437,077.67	100.00%
1145	Beetle, Tooth Cave ground	<i>Rhadine persephone</i>	E	0.40	437,078.07	100.00%
1146	Harvestman, Bee Creek Cave	<i>Texella reddelli</i>	E	0.40	437,078.47	100.00%
1147	Pseudoscorpion, Tooth Cave	<i>Tartarocreagris texana</i>	E	0.40	437,078.87	100.00%
1148	Amphipod, Peck's cave	<i>Stygobromus pecki</i>	E	0.40	437,079.27	100.00%
1149	Poppy-mallow, Texas	<i>Callirhoe scabriuscula</i>	E	0.40	437,079.67	100.00%
1150	Turtle, ringed map	<i>Graptemys oculifera</i>	T	0.31	437,079.98	100.00%
1151	Beetle, Coffin Cave mold	<i>Batrisodes texanus</i>	E	0.30	437,080.28	100.00%
1152	Gooseberry, Miccosukee	<i>Ribes echinellum</i>	T	0.30	437,080.58	100.00%
1153	Sneezeweed, Virginia	<i>Helenium virginicum</i>	T	0.25	437,080.83	100.00%
1154	Darter, bayou	<i>Etheostoma rubrum</i>	T	0.25	437,081.08	100.00%
1155	Beaked-rush, Knieskern's	<i>Rhynchospora knieskernii</i>	T	0.20	437,081.28	100.00%
1156	Buttercup, autumn	<i>Ranunculus acriformis aestivalis</i>	E	0.20	437,081.48	100.00%
1157	Cress, toad-flax	<i>Schoenocrambe suffrutescens</i>	E	0.20	437,081.68	100.00%
1158	Primrose, Maguire	<i>Primula maguirei</i>	T	0.20	437,081.88	100.00%
1159	Ridge-cress, Barneby	<i>Lepidium barnebyanum</i>	E	0.20	437,082.08	100.00%
1160	Cactus, Cochise pincushion	<i>Coryphantha robbinsorum</i>	T	0.14	437,082.22	100.00%
1161	Isopod, Lee County cave	<i>Lirceus usdagalun</i>	E	0.10	437,082.32	100.00%
1162	Groundsel, San Francisco Peaks	<i>Senecio franciscanus</i>	T	0.10	437,082.42	100.00%
1163	Woodpecker, ivory-billed	<i>Campephilus principalis</i>	E	0.03	437,082.46	100.00%
1164	Seal, Caribbean monk	<i>Monachus tropicalis</i>	E	0.00	437,082.46	100.00%
1165	Vole, Florida salt marsh	<i>Microtus pennsylvanicus dukecampbelli</i>	E	0.00	437,082.46	100.00%
1166	Cavefish, Alabama	<i>Speoplatyrhinus poulsoni</i>	E	0.00	437,082.46	100.00%
1167	Darter, watercress	<i>Etheostoma nuchale</i>	E	0.00	437,082.46	100.00%
1168	Gambusia, Clear Creek	<i>Gambusia heterochir</i>	E	0.00	437,082.46	100.00%
1169	Madtom, Scioto	<i>Noturus trautmani</i>	E	0.00	437,082.46	100.00%
1170	Pupfish, Leon Springs	<i>Cyprinodon bovinus</i>	E	0.00	437,082.46	100.00%

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1171	Pebblesnail, flat	<i>Lepyrium showalteri</i>	E	0.00	437,082.46	100.00%
1172	Rocksnailed, painted	<i>Leptoxis taeniata</i>	T	0.00	437,082.46	100.00%
1173	Rocksnailed, plicate	<i>Leptoxis plicata</i>	E	0.00	437,082.46	100.00%
1174	Rocksnailed, round	<i>Leptoxis ampla</i>	T	0.00	437,082.46	100.00%
1175	Snail, Virginia fringed mountain	<i>Polygyriscus virginianus</i>	E	0.00	437,082.46	100.00%
1176	Skipper, Pawnee montane	<i>Hesperia leonardus montana</i>	T	0.00	437,082.46	100.00%
1177	Shrimp, Squirrel Chimney Cave	<i>Palaemonetes cummingi</i>	T	0.00	437,082.46	100.00%
1178	Beardtongue, Penland	<i>Penstemon penlandii</i>	E	0.00	437,082.46	100.00%
1179	Bellflower, Brooksville	<i>Campanula robinsiae</i>	E	0.00	437,082.46	100.00%
1180	Birch, Virginia round-leaf	<i>Betula uber</i>	T	0.00	437,082.46	100.00%
1181	Bladderpod, lyrate	<i>Lesquerella lyrata</i>	T	0.00	437,082.46	100.00%
1182	Blue-star, Kearney's	<i>Amsonia kearneyana</i>	E	0.00	437,082.46	100.00%
1183	Cactus, Nellie cory	<i>Coryphantha minima</i>	E	0.00	437,082.46	100.00%
1184	Cactus, Nichol's Turk's head	<i>Echinocactus horzonthalonius nicholii</i>	E	0.00	437,082.46	100.00%
1185	Cat's-eye, Terlingua Creek	<i>Cryptantha crassipes</i>	E	0.00	437,082.46	100.00%
1186	Irissette, white	<i>Sisyrinchium dichotomum</i>	E	0.00	437,082.46	100.00%
1187	Mint, longspurred	<i>Dicerandra cornutissima</i>	E	0.00	437,082.46	100.00%
1188	Monkey-flower, Michigan	<i>Mimulus glabratus michiganensis</i>	E	0.00	437,082.46	100.00%
1189	Oak, Hinckley	<i>Quercus hinckleyi</i>	T	0.00	437,082.46	100.00%
1190	Pawpaw, Rugel's	<i>Deeringothamnus rugelii</i>	E	0.00	437,082.46	100.00%
1191	Pitaya, Davis' green	<i>Echinocereus viridiflorus davisii</i>	E	0.00	437,082.46	100.00%
1192	Pondweed, Little Aguja Creek	<i>Potamogeton clystocarpus</i>	E	0.00	437,082.46	100.00%
1193	Rosemary, Etonia	<i>Conradina etonia</i>	E	0.00	437,082.46	100.00%
1194	Skullcap, Florida	<i>Scutellaria floridana</i>	T	0.00	437,082.46	100.00%
1195	Snakeroot	<i>Eryngium cuneifolium</i>	E	0.00	437,082.46	100.00%
1196	Snowbells, Texas	<i>Styrax texanus</i>	E	0.00	437,082.46	100.00%
1197	Spurge, telephus	<i>Euphorbia telephioides</i>	T	0.00	437,082.46	100.00%
1198	Walnut, West Indian or nogal	<i>Juglans jamaicensis</i>	E	0.00	437,082.46	100.00%
1199	Water-willow, Cooley's	<i>Justicia cooleyi</i>	E	0.00	437,082.46	100.00%
1200	Wild-buckwheat, gypsum	<i>Eriogonum gypsophilum</i>	T	0.00	437,082.46	100.00%
1201	Quillwort, black spored	<i>Isoetes melanospora</i>	E	0.00	437,082.46	100.00%
1202	Quillwort, mat-forming	<i>Isoetes tegetiformans</i>	E	0.00	437,082.46	100.00%

Table 3.

FY 1999 REPORTED LAND ACQUISITION EXPENDITURES (\$000)  
FOR ENDANGERED AND THREATENED SPECIES

Species are arranged in the same sequence as Table 1. These costs are not included in the general expenditures of Tables 1 and 2. Only those species that had land acquisition costs reported for FY 1999 are included here. Land rank was included here to show the relative order of the species that had land expenditures. For example, the bald eagle was ranked as #1 because it had the highest land expenditures of all the species and the birdwing pearlymussel had the least (#106).



TABLE 3. FY 1999 REPORTED LAND ACQUISITION EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	LAND RANK
	MAMMALS								
20	Bear, grizzly	<i>Ursus arctos horribilis</i>	T	0.00	0.00	0.00	153.00	153.00	57
85	Bear, Louisiana black	<i>Ursus americanus luteolus</i>	T	2,859.00	300.00	3,159.00	217.40	3,376.40	6
168	Deer, Columbian white-tailed	<i>Odocoileus virginianus leucurus</i>	E	11.00	0.00	11.00	0.00	11.00	96
58	Fox, San Joaquin kit	<i>Vulpes macrotis mutica</i>	E	0.00	320.20	320.20	0.00	320.20	46
128	Kangaroo rat, Tipton	<i>Dipodomys nitratooides nitratooides</i>	E	0.00	70.20	70.20	0.00	70.20	69
23	Manatee, West Indian	<i>Trichechus manatus</i>	E	2,234.00	0.00	2,234.00	0.00	2,234.00	9
118	Mouse, Alabama beach	<i>Peromyscus polionotus ammobates</i>	E	472.00	0.00	472.00	0.00	472.00	33
150	Mouse, salt marsh harvest	<i>Reithrodontomys raviventris</i>	E	1,083.30	0.00	1,083.30	0.00	1,083.30	18
144	Squirrel, Delmarva Peninsula fox	<i>Sciurus niger cinereus</i>	E	0.00	5.00	5.00	0.00	5.00	103
714	Vole, Hualapai Mexican	<i>Microtus mexicanus hualpaiensis</i>	E	0.00	25.00	25.00	0.00	25.00	89
	BIRDS								
161	Blackbird, yellow-shouldered	<i>Agelaius xanthomus</i>	E	3,000.00	8.66	3,008.66	0.00	3,008.66	8
181	Crane, Mississippi sandhill	<i>Grus canadensis pulla</i>	E	82.00	0.00	82.00	0.00	82.00	61
12	Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	11,683.20	19.80	11,703.00	1,583.00	13,286.00	1
35	Falcon, American peregrine	<i>Falco peregrinus anatum</i>	E	0.00	8.66	8.66	0.00	8.66	99
19	Flycatcher, southwestern willow	<i>Empidonax traillii extimus</i>	E	1,182.60	25.00	1,207.60	0.00	1,207.60	16
32	Gnatcatcher, coastal California	<i>Polioptila californica californica</i>	T	396.80	0.00	396.80	3,506.58	3,903.38	5
135	Goose, Aleutian Canada	<i>Branta canadensis leucopareia</i>	T	0.00	0.00	0.00	850.00	850.00	23
11	Murrelet, marbled	<i>Brachyramphus marmoratus marmoratus</i>	T	31.40	0.00	31.40	0.00	31.40	86
43	Owl, Mexican spotted	<i>Strix occidentalis lucida</i>	T	0.00	1.00	1.00	0.00	1.00	105
109	Pelican, brown	<i>Pelecanus occidentalis</i>	E	1,125.50	0.00	1,125.50	0.00	1,125.50	17
33	Plover, piping	<i>Charadrius melodus</i>	E, T	0.00	387.50	387.50	0.00	387.50	45
63	Plover, western snowy	<i>Charadrius alexandrinus nivosus</i>	T	1,083.30	0.00	1,083.30	0.00	1,083.30	19
111	Rail, California clapper	<i>Rallus longirostris obsoletus</i>	E	1,083.30	0.00	1,083.30	0.00	1,083.30	20
37	Stork, wood	<i>Mycteria americana</i>	E	642.00	3,500.00	4,142.00	448.35	4,590.35	2
55	Tern, California least	<i>Sterna antillarum browni</i>	E	1,083.30	0.00	1,083.30	0.00	1,083.30	21
40	Tern, least	<i>Sterna antillarum</i>	E	0.00	21.16	21.16	0.00	21.16	90
57	Vireo, least Bell's	<i>Vireo bellii pusillus</i>	E	396.80	0.00	396.80	0.00	396.80	36
6	Woodpecker, red-cockaded	<i>Picoides borealis</i>	E	485.00	0.00	485.00	0.00	485.00	31
	REPTILES								
234	Crocodile, American	<i>Crocodylus acutus</i>	E	234.00	0.00	234.00	0.00	234.00	52
125	Lizard, blunt-nosed leopard	<i>Gambelia silus</i>	E	0.00	70.20	70.20	0.00	70.20	70
21	Sea turtle, green	<i>Chelonia mydas</i>	E, T	1,058.40	0.00	1,058.40	0.00	1,058.40	22
25	Sea turtle, Kemp's ridley	<i>Lepidochelys kempii</i>	E	472.00	35.00	507.00	0.00	507.00	29
26	Sea turtle, leatherback	<i>Dermochelys coriacea</i>	E	31.40	0.00	31.40	0.00	31.40	87
17	Sea turtle, loggerhead	<i>Caretta caretta</i>	T	1,292.40	60.00	1,352.40	0.00	1,352.40	14
27	Sea turtle, olive ridley	<i>Lepidochelys olivacea</i>	E, T	31.40	0.00	31.40	0.00	31.40	88
997	Skink, bluetail mole	<i>Eumeces egregius lividus</i>	T	309.00	0.00	309.00	0.00	309.00	47
1022	Skink, sand	<i>Neoseps reynoldsi</i>	T	309.00	0.00	309.00	0.00	309.00	48
269	Snake, copperbelly water	<i>Nerodia erythrogaster neglecta</i>	T	0.00	3.00	3.00	0.00	3.00	104
96	Snake, eastern indigo	<i>Drymarchon corais couperi</i>	T	234.00	0.00	234.00	0.00	234.00	53
60	Snake, giant garter	<i>Thamnophis gigas</i>	T	1,376.80	0.00	1,376.80	0.00	1,376.80	13

TABLE 3. FY 1999 REPORTED LAND ACQUISITION EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	LAND RANK
18	Tortoise, desert	<i>Gopherus agassizii</i>	T	0.00	4,471.00	4,471.00	0.00	4,471.00	3
100	Tortoise, gopher	<i>Gopherus polyphemus</i>	T	485.00	0.00	485.00	0.00	485.00	32
137	Turtle, bog	<i>Clemmys muhlenbergii</i>	T	0.00	21.00	21.00	0.00	21.00	91
AMPHIBIANS									
53	Frog, California red-legged	<i>Rana aurora draytonii</i>	T	396.80	250.00	646.80	0.00	646.80	27
257	Salamander, Santa Cruz long-toed	<i>Ambystoma macrodactylum croceum</i>	E	240.00	0.00	240.00	0.00	240.00	51
41	Toad, arroyo	<i>Bufo microscaphus californicus</i>	E	396.80	0.00	396.80	0.00	396.80	37
FISHES									
42	Chub, bonytail	<i>Gila elegans</i>	E	0.00	0.00	0.00	80.00	80.00	65
39	Chub, humpback	<i>Gila cypha</i>	E	0.00	0.00	0.00	80.00	80.00	66
176	Chub, Virgin River	<i>Gila robusta seminuda</i>	E	0.00	0.00	0.00	80.00	80.00	67
376	Dace, Ash Meadows speckled	<i>Rhinichthys osculus nevadensis</i>	E	54.50	0.00	54.50	0.00	54.50	74
483	Darter, amber	<i>Percina antesella</i>	E	0.00	0.00	0.00	80.22	80.22	62
108	Goby, tidewater	<i>Eucyclogobius newberryi</i>	E	17.00	0.00	17.00	0.00	17.00	93
249	Pupfish, Ash Meadows Amargosa	<i>Cyprinodon nevadensis mionectes</i>	E	54.50	0.00	54.50	0.00	54.50	75
229	Pupfish, Devils Hole	<i>Cyprinodon diabolis</i>	E	54.50	0.00	54.50	0.00	54.50	76
406	Pupfish, Warm Springs	<i>Cyprinodon nevadensis pectoralis</i>	E	54.50	0.00	54.50	0.00	54.50	77
1	Salmon, chinook	<i>Oncorhynchus tshawytscha</i>	E, T	0.00	3,564.00	3,564.00	829.00	4,393.00	4
4	Salmon, chum	<i>Oncorhynchus keta</i>	T	0.00	132.50	132.50	596.00	728.50	26
3	Salmon, coho	<i>Oncorhynchus kisutch</i>	T	0.00	12.00	12.00	157.03	169.03	55
5	Salmon, sockeye	<i>Oncorhynchus nerka</i>	E, T	0.00	132.50	132.50	0.00	132.50	58
364	Shiner, blue	<i>Cyprinella caerulea</i>	T	0.00	0.00	0.00	80.22	80.22	63
89	Splittail, Sacramento	<i>Pogonichthys macrolepidotus</i>	T	1,622.50	0.00	1,622.50	0.00	1,622.50	12
2	Steelhead	<i>Oncorhynchus mykiss</i>	E, T	0.00	2,927.00	2,927.00	233.00	3,160.00	7
15	Stickleback, unarmored threespine	<i>Gasterosteus aculeatus williamsoni</i>	E	17.00	0.00	17.00	0.00	17.00	94
101	Sturgeon, shortnose	<i>Acipenser brevirostrum</i>	E	0.00	192.90	192.90	0.00	192.90	54
13	Sucker, razorback	<i>Xyrauchen texanus</i>	E	0.00	600.00	600.00	0.00	600.00	28
7	Trout, bull	<i>Salvelinus confluentus</i>	T	31.40	132.50	163.90	233.00	396.90	35
CLAMS									
197	Heelsplitter, Carolina	<i>Lasmigona decorata</i>	E	0.00	0.00	0.00	168.72	168.72	56
716	Kidneyshell, triangular	<i>Ptychobranchus greeni</i>	E	0.00	0.00	0.00	80.22	80.22	64
565	Pearlymussel, birdwing	<i>Conradilla caelata</i>	E	0.00	0.00	0.00	0.50	0.50	106
252	Pocketbook, fat	<i>Potamilus capax</i>	E	277.00	0.00	277.00	0.00	277.00	50
358	Pocketbook, finelined	<i>Lampsilis altilis</i>	T	0.00	0.00	0.00	75.69	75.69	68
510	Spinymussel, James	<i>Pleurobema collina</i>	E	0.00	9.80	9.80	0.00	9.80	97
INSECTS									
107	Beetle, valley elderberry longhorn	<i>Desmocerus californicus dimorphus</i>	T	2,162.50	0.00	2,162.50	0.00	2,162.50	11
198	Butterfly, Mitchell's satyr	<i>Neonympha mitchellii mitchellii</i>	E	0.00	108.00	108.00	0.00	108.00	59
188	Butterfly, Quino checkerspot	<i>Euphydryas editha quino</i>	E	396.80	0.00	396.80	0.00	396.80	38
407	Naucorid, Ash Meadows	<i>Ambrysus amargosus</i>	T	54.50	0.00	54.50	0.00	54.50	78
919	Tiger beetle, northeastern beach	<i>Cicindela dorsalis dorsalis</i>	T	0.00	20.80	20.80	0.00	20.80	92

TABLE 3. FY 1999 REPORTED LAND ACQUISITION EXPENDITURES (\$000) FOR ENDANGERED AND THREATENED SPECIES

RANK (from Tab. 2)	SPECIES NAME (50 CFR PART 17)	SCIENTIFIC NAME	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL (\$000)	LAND RANK
	CRUSTACEANS								
246	Fairy shrimp, Conservancy	<i>Branchinecta conservatio</i>	E	785.80	0.00	785.80	0.00	785.80	24
119	Fairy shrimp, longhorn	<i>Branchinecta longiantenna</i>	E	785.80	0.00	785.80	0.00	785.80	25
157	Fairy shrimp, Riverside	<i>Streptocephalus woottoni</i>	E	396.80	0.00	396.80	0.00	396.80	39
78	Fairy shrimp, San Diego	<i>Branchinecta sandiegonensis</i>	E	396.80	0.00	396.80	0.00	396.80	40
72	Fairy shrimp, vernal pool	<i>Branchinecta lynchi</i>	T	876.80	444.00	1,320.80	0.00	1,320.80	15
93	Tadpole shrimp, vernal pool	<i>Lepidurus packardii</i>	E	1,960.00	240.00	2,200.00	0.00	2,200.00	10
	FLOWERING PLANTS								
178	Amaranth, seabeach	<i>Amaranthus pumilus</i>	T	0.00	56.00	56.00	0.00	56.00	72
1043	No common name	<i>Aristida chaseae</i>	E	0.00	8.66	8.66	0.00	8.66	100
410	Milk-vetch, Ash meadows	<i>Astragalus phoenix</i>	T	54.50	0.00	54.50	0.00	54.50	79
375	Centauray, spring-loving	<i>Centaurium namophilum</i>	T	54.50	0.00	54.50	0.00	54.50	80
404	Bird's beak, palmate-bracted	<i>Cordylanthus palmatus</i>	E	500.00	0.00	500.00	0.00	500.00	30
1101	Sunray, Ash Meadows	<i>Enceliopsis nudicaulis corrugata</i>	T	54.50	0.00	54.50	0.00	54.50	81
90	Button-celery, San Diego	<i>Eryngium aristulatum parishii</i>	E	396.80	0.00	396.80	0.00	396.80	41
1020	No common name	<i>Eugenia woodburyana</i>	E	0.00	8.66	8.66	0.00	8.66	101
409	Gumplant, Ash Meadows	<i>Grindelia fraxino-pratensis</i>	T	54.50	0.00	54.50	0.00	54.50	82
413	Sunflower, Schweinitz's	<i>Helianthus schweinitzii</i>	E	0.00	0.00	0.00	61.74	61.74	71
282	Pogonia, small whorled	<i>Isotria medeoloides</i>	T	0.00	9.80	9.80	0.00	9.80	98
395	Ivesia, Ash Meadows	<i>Ivesia kingii eremica</i>	T	54.50	0.00	54.50	0.00	54.50	83
175	Layia, beach	<i>Layia carnosa</i>	E	17.00	0.00	17.00	0.00	17.00	95
1042	No common name	<i>Leptocereus grantianus</i>	E	0.00	8.66	8.66	0.00	8.66	102
91	Lomatium, Bradshaw's	<i>Lomatium bradshawii</i>	E	0.00	56.00	56.00	0.00	56.00	73
408	Blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>	T	54.50	0.00	54.50	0.00	54.50	84
389	Niterwort, Amargosa	<i>Nitrophila mohavensis</i>	E	54.50	0.00	54.50	0.00	54.50	85
496	Grass, California Orcutt	<i>Orcuttia californica</i>	E	396.80	0.00	396.80	0.00	396.80	42
463	Dropwort, Canby's	<i>Oxypolis canbyi</i>	E	0.00	0.00	0.00	448.35	448.35	34
94	Mesa-mint, San Diego	<i>Pogogyne abramsii</i>	E	396.80	0.00	396.80	0.00	396.80	43
297	Mesa-mint, Otay	<i>Pogogyne nudiuscula</i>	E	396.80	0.00	396.80	0.00	396.80	44
482	Arrowhead, bunched	<i>Sagittaria fasciculata</i>	E	0.00	0.00	0.00	282.69	282.69	49
489	Pitcher-plant, mountain sweet	<i>Sarracenia rubra jonesii</i>	E	0.00	0.00	0.00	102.24	102.24	60
	TOTAL			48,285.90	18,266.17	66,552.07	10,426.93	76,979.00	

**Species on Cover (clockwise from top right corner):**

*Plymouth Redbelly Turtle (Pseudemys rubrivtrix bangsi)*, photo by T.E. Graham

*Jaguar (Panthera onca)*, photo by Corel Corp.

*Chapman Rhododendron (Rhododendron chapmanii)*, photo by USFWS/E. LaVerne Smith

*Spectacled Eider (Somateria fischeri)*, photo by USFWS/Glen Smart

*Borax Lake Chub (Gila boraxobius)*, photo by Jack Williams

*Lange's Metalmark Butterfly (Apodemia mormo langei)*, photo by Jerry Powell

**U.S. Fish & Wildlife Service  
Endangered Species Program  
1849 C Street, NW (MS-420 ARLSQ)  
Washington, DC 20240  
<http://www.fws.gov/endangered>**

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