THE SECRETARY OF THE INTERIOR
WASHINGTON

SEP 21 1999

Honorable Albert Gore, Jr.
President of the Senate
Washington, D.C. 20510

Dear Mr. President:

Pursuant to the provisions of Public Law 100-478, I am pleased to enclose the 1996 annual report compiled by the United States Fish and Wildlife Service on reasonably identifiable expenditures for the conservation of endangered and threatened species by Federal and State agencies.

Sincerely,

Enclosure

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Honorable J. Dennis Hastert
Speaker of the U.S. House
of Representatives
Washington, D.C. 20515

Dear Mr. Speaker:

Pursuant to the provisions of Public Law 100-478, I am pleased to enclose the 1996 annual report compiled by the United States Fish and Wildlife Service on reasonably identifiable expenditures for the conservation of endangered and threatened species by Federal and State agencies.

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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. This report presents the reported expenditures for Fiscal Year 1996 (October 1995 - September 1996).

What expenditures are reported?

Only those expenditures that are reasonably identifiable for a listed species are to be 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 expenditures from U.S. governmental agencies, we restrict these annual reports to a discussion concerning listed U.S. species.

Expenditures are identified by species and reported separately for the Fish and Wildlife Service (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 1.

What expenditures are not included?

The Federal and State agencies involved 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 required to be for purposes of this report.

What are the expenditures reported for FY 1996?

- Total Expenditures reported: $285,713,690 ($17,791,480 for land acquisition--Table 3, $267,922,210 all other expenditures--Table 1)
- Percent of threatened and endangered species with expenditures reported: 93 percent
- The median and maximum total general (non-land) expenditure for species with at least $100 reported expenditures:
  Median - $15,000
  Maximum species total - $40.78 million
- Total general (non-land) expenditures for most species: $0 to $30,000 for approximately 70 percent of the species with reported expenditures (Table 2).
- Number of species with 50 percent of expenditures: 5 species (0.52 percent of the list) (Table 2).
- Number of species with 90 percent of expenditures: 77 species (8 percent of the list) (Table 2).

How does the 1996 expenditure report compare to other years?

Due to differences in reporting methods, this report cannot be easily compared to the 1989 or subsequent expenditure reports. These year-to-year differences include changes in the number of States reporting, changes in how expenditures are calculated, and changes in the agencies' ability to track expenditures. 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, the 1996 reported expenditures decreased approximately 11.9 million dollars from the FY 1995 report. The 1996 reported expenditures are approximately 41 million dollars larger than those reported in FY 1994. For an additional comparison of the FY 1996 report to previous years see the "Summary of Figures" table on page 7.

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ENDANGERED SPECIES EXPENDITURES
FISCAL YEAR 1996

WHAT IS THE PURPOSE OF THIS REPORT?

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 eighth report by the Service pursuant to the requirements of section 18 of the Act. The report covers Fiscal Year 1996 (October 1995 - September 1996), although some States may be reporting for a different fiscal year (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 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?

The purpose of the above 1988 amendment was to obtain information with which to assess claims that a disproportionate effort is being made to conserve a few, highly visible species at the expense of numerous, less well-known species that may have greater need for protection. At the time of the first report, the Service met with staff of the House Merchant Marine and Fisheries Committee and the Senate Environment and Public Works Committee for clarification of the intent and purpose of the amendment. As a result of these discussions, the Service determined that a good faith effort was expected to develop and obtain data that are "reasonably identifiable" (Appendix 2). 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 towards 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. This report does not present cost accounting in the sense of an accountant's ledger of credits and debits of all Federal and State funds available and their expenditure.

A few species, which were known historically to occur in the United States but are not listed in FY 1996 in the United States, are not included (e.g., short-tailed albatross, northern swift fox, thick-billed parrot) in the tabulation. Expenditures for candidate species or other species not listed at 50 CFR Part 17 as of September 30, 1996, were excluded. For example, even though Congress appropriated money for the prelisting recovery of candidates, these species are not listed at 50 CFR Part 17 and, therefore, are not reported here, 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 agencies reporting.

What is included in the report?

This report does represent a compilation of those reasonably identifiable expenditures reported independently by the various Federal and the State agencies. Expenditures for FY 1996 (Tables 1 and 3) are reported here for 895 threatened and endangered species (93 percent) of the 963 species that were listed under United States jurisdiction at 50 CFR Part 17 on September 30, 1996. 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 the 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.

The Service did not report land acquisition funds in the tables of expenditures 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, 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 ($10.78 million) have been included in this report, when they were identifiable to a species (Table 3). The States' reported land acquisition expenditures ($4,502,180) are also reported in Table 3. In this report for FY 1996, total reported land acquisition expenditures represent 6.6 percent of the total gross expenditures. Two species, scrub blazing star and Florida bonamia, had only land acquisition costs reported in FY 1996 (Tables 1 and 3).

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, environmental contaminant and habitat conservation activities. 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 (e.g., whooping crane, 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 is devoted nearly entirely 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 towards individual species coordinators (e.g., whooping crane, red wolf, grizzly bear, sea turtles, 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 some 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 2). Two agencies responded with letters indicating that they did not have any reasonably identifiable expenditures for individual species. Correspondence from all responding agencies is included in Appendix 1. 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?

The Committees' staffs anticipated that not all States would be willing to voluntarily submit their expenditures for a variety of reasons. As a result, the Secretary was expected to only submit those

expenditure figures that were voluntarily provided. In order 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. IAFWA did not seek Information or provide to the Service information on an individual State's expenditures or which States did or did not report. Total States expenditures are reported in Tables 1 and 3 under the column STATES TOTAL. The States reported $12,433,050 for general (non-land) expenditures (Table 1) and $4,502,180 for land acquisition expenditures (Table 3).

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 $268 million total (general (non-land) expenditures) is also provided to assist the reader. Land acquisition expenditures are included only in Table 3.

What are the expenditures reported for FY 1996?

Total Expenditures reported: $285,713,690 ($17,791,480 for land acquisition--Table 3, $267,922,210 all other expenditures--Table 1).

Percent of threatened and endangered species with reported expenditures: 93%

The median and maximum total general (non-land) expenditure for species with at least $100 reported expenditures:

Median - $15,000
Maximum species total - $40.78 million

Total general (non-land) expenditures for most species:

$0 to $30,000 for approximately 70 percent of the species with reported expenditures (Table 2).

Number of species with general (non-land) expenditures exceeding $1million:

Thirty-seven species (including three with both endangered and threatened vertebrate populations) (Table 2).

Number of species with 50 percent of expenditures: 5 species (0.52 percent of the list) (Table 2). Three are threatened species.

Number of species with 90 percent of expenditures: 77 species (8 percent of the list) (Table 2).

What are the 10 species with the highest reported expenditures in Fiscal Year 1996 (from Table 2)?

1996 RANK	SPECIES (50 CFR Part 17)	STATUS	TOTAL ($000s)	1995 RANK
1	Salmon, chinook, Snake R. spring/summer run	T	40,777.26	1
2	Salmon, chinook, Snake R. fall run	T	34,437.66	3
3	Salmon, sockeye (=red, =blueback), Snake R.	E	29,598.62	2
4	Owl, northern spotted	T	17,350.22	5
5	Woodpecker, red-cockaded	E	12,975.50	7
6	Murrelet, marbled	T	8,805.40	6
7	Sucker, razorback	E	6,808.40	11
8	Squawfish, Colorado	E	6,128.54	14
9	Tortoise, desert	T	5,241.28	8
10	Bald eagle	T	4,610.77	9

How do the expenditures compare between species?

Taking into account the limits of this reporting system, less than 1 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 93 percent of the listed species had reported 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 and presents an incomplete funding picture. 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 towards individual species totals. Also, there exists significant variability among the various Federal and State agency reports that are compiled to produce this report. Further, agencies were asked to report gross totals for those other expenditures

that could not be identified to species; this reporting is also incomplete but does reflect some of the levels of other expenditures being made by these agencies.

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. 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.

The Service has provided previous reports on estimated allocations by species for the current or forthcoming years as requested by the House Appropriations Committee staff. 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 may be biased, since they only include reasonably identifiable expenditures. The following table includes data from the present and previous reports.

SUMMARY OF FIGURES
(Amounts $000)

	1989	1990	1991	1992	1993	1994	1995	1996
Federal Total	$39,638.7	$96,642.5	$112,684.8	$160,060.3	$204,501.8	$234,933.9	$286,445.0	$268,778.5
State Total	$4,086.1	$5,701.2	$64,126.7	$131,450.7	$17,698.5	$9,643.6	$11,231.0	$16,935.2
Grand Total	$43,724.8	$102,343.7	$176,811.5	$291,510.9	$222,200.3	$244,577.5	$297,676.0	$285,713.7
Change from previous year	* * * * * * * *	$58,618.90	$74,467.80	$114,699.40	- $69,310.6	$22,377.21	$53,098.50	- $11,962.30
No. listed species	554	591	639	728	809	914	957	963
No. reporting expenditures	347	477	570	679	749	819	925	895
Max. reported amount	$3,108.6	$9,687.2	$24,651.3	$73,578.6	$18,518.66	$24,280.56	$35,942.47	$40,777.26
Median for species equal to or greater than $100	$11.75	$13.15	$12.20	$16.00	$12.94	$23.00	$30.00	$15.00
No. with 50% of expenditures	12	10	7	5	10	9	6	5
(percentage of no. listed)	2.2%	1.7%	1.1%	0.7%	1.2%	1.1%	0.63%	0.52%
No. with 90% of expenditures	63	58	54	59	79	103	131	77
(percentage of no. listed)	11.4%	9.8%	8.5%	8.1%	9.8%	11.0%	14.0%	8.0%

Figures in shaded blocks do not include land acquisition expenditures.
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.

The Federal and Grand Totals shown here for 1995 differ from those published in the 1995 report by $32,002.50 less than what was reported for the FWS total due to an error.

Table 1.

Reasonably Identifiable Federal and
State Expenditures during FY 1996.

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 Judge Tait's mussel is found under "Mussel, Judge Tait's" within the clams. Groups of animals follow the sequence: Mammals, Birds, Reptiles, Amphibians, Fishes, and Invertebrates, which include Snails, Clams, and Arthropods (which are further divided). Plants are alphabetized by inverted common name except when there is no common name; in such cases, scientific names are provided for plants, and the phrase "=Sci. Name" is provided parenthetically.

If a reader should need 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). The STATUS column indicates whether the species is endangered (E), threatened (T) or with two United States populations under separate classifications (E,T) [for purposes of this report, the latter 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 IAFWA to the Service. None of these reported totals include known costs for habitat acquisition; see Table 3 for those costs 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. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
	MAMMALS						
64	Bat, gray	E	$46.30	$386.11	$432.41	$35.00	$467.41
644	Bat, Hawaiian hoary	E	$6.00	$0.00	$6.00	$0.00	$6.00
75	Bat, Indiana	E	$94.70	$129.29	$223.99	$84.29	$308.28
153	Bat, lesser long-nosed	E	$14.30	$51.30	$65.60	$28.00	$93.60
644	Bat, little Mariana fruit	E	$6.00	$0.00	$6.00	$0.00	$6.00
428	Bat, Mariana fruit	E	$6.00	$10.00	$16.00	$0.00	$16.00
790	Bat, Mexican long-nosed	E	$0.30	$2.90	$3.20	$0.00	$3.20
141	Bat, Ozark big-eared	E	$91.00	$9.85	$100.85	$7.17	$108.02
228	Bat, Virginia big-eared	E	$9.70	$9.60	$19.30	$26.02	$45.32
15	Bear, grizzly	T	$688.30	$1,299.22	$1,987.52	$899.95	$2,887.47
92	Bear, Louisiana black	T	$161.00	$30.44	$191.44	$35.50	$226.94
98	Caribou, woodland	E	$81.00	$45.25	$126.25	$95.00	$221.25
889	Cougar, eastern	E	$0.10	$0.00	$0.10	$0.00	$0.10
106	Deer, Columbian white-tailed	E	$120.00	$57.23	$177.23	$7.00	$184.23
206	Deer, key	E	$40.00	$0.00	$40.00	$17.26	$57.26
21	Ferret, black-footed	E	$482.80	$973.56	$1,456.36	$374.25	$1,830.61
54	Fox, San Joaquin kit	E	$60.00	$538.71	$598.71	$17.00	$615.71
159	Jaguarundi (Felis yagourundi cacomitli)	E	$2.50	$83.05	$85.55	$0.00	$85.55
209	Jaguarundi (Felis yagourundi tolteca)	E	$51.00	$0.45	$51.45	$3.50	$54.95
116	Kangaroo rat, Fresno	E	$60.00	$88.77	$148.77	$2.00	$150.77
113	Kangaroo rat, giant	E	$60.00	$100.77	$160.77	$2.00	$162.77
192	Kangaroo rat, Morro Bay	E	$30.00	$10.00	$40.00	$23.00	$63.00
84	Kangaroo rat, Stephens'	E	$150.00	$98.20	$248.20	$2.00	$250.20
101	Kangaroo rat, Tipton	E	$60.00	$147.84	$207.84	$2.00	$209.84
26	Manatee, West Indian (=Florida)	E	$893.70	$668.21	$1,561.91	$17.20	$1,579.11
505	Mountain beaver, Point Arena	E	$10.00	$0.00	$10.00	$2.00	$12.00
129	Mouse, Alabama beach	E	$92.50	$13.00	$105.50	$13.33	$118.83
472	Mouse, Anastasia Island beach	E	$3.00	$7.00	$10.00	$4.08	$14.08
227	Mouse, Choctawahatchee beach	E	$44.00	$0.00	$44.00	$3.08	$47.08
792	Mouse, Key Largo cotton	E	$0.00	$0.00	$0.00	$3.08	$3.08
70	Mouse, Pacific pocket	E	$80.00	$292.10	$372.10	$15.00	$387.10
245	Mouse, Perdido Key beach	E	$28.00	$6.99	$34.99	$3.08	$38.07
111	Mouse, salt marsh harvest	E	$60.00	$103.69	$163.69	$3.00	$166.69
211	Mouse, southeastern beach	T	$4.50	$47.00	$51.50	$3.08	$54.58
100	Ocelot	E	$122.00	$86.90	$208.90	$6.50	$215.40
234	Otter, southern sea	T	$20.00	$24.10	$44.10	$0.00	$44.10
46	Panther, Florida	E	$193.10	$53.75	$246.85	$530.58	$777.43
87	Prairie dog, Utah	T	$135.00	$94.31	$229.31	$12.00	$241.31
95	Pronghorn, Sonoran	E	$30.00	$163.00	$193.00	$32.00	$225.00
794	Rabbit, Lower Keys	E	$0.00	$3.00	$3.00	$0.00	$3.00
528	Rice rat (=silver rice rat)	E	$3.00	$0.00	$3.00	$7.16	$10.16
25	Sea-lion, Steller	T	$0.00	$1,710.30	$1,710.30	$0.00	$1,710.30
894	Seal, Caribbean monk	E	$0.00	$0.00	$0.00	$0.00	$0.00
95	Seal, guadalupe fur	T	$0.00	$225.00	$225.00	$0.00	$225.00
40	Seal, Hawaiian monk	E	$0.00	$961.00	$961.00	$0.00	$961.00
259	Shrew, Dismal Swamp southeastern	T	$6.50	$23.30	$29.80	$3.00	$32.80
264	Squirrel, Carolina northern flying	E	$0.10	$5.20	$5.30	$26.50	$31.80
733	Squirrel, Delmarva Peninsula fox	E	$0.00	$0.00	$0.00	$5.50	$5.50
147	Squirrel, Mount Graham red	E	$7.00	$0.00	$7.00	$90.00	$97.00
186	Squirrel, Virginia northern flying	E	$0.00	$62.00	$62.00	$3.47	$65.47
256	Vole, Amargosa	E	$15.00	$4.00	$19.00	$14.00	$33.00
587	Vole, Florida salt marsh	E	$0.00	$0.00	$0.00	$7.85	$7.85
269	Vole, Hualapai Mexican	E	$2.00	$13.00	$15.00	$16.00	$31.00
85	Whale, blue	E	$0.00	$250.00	$250.00	$0.00	$250.00
58	Whale, bowhead	E	$0.00	$545.00	$545.00	$0.00	$545.00
86	Whale, finback	E	$0.00	$246.34	$246.34	$0.00	$246.34
78	Whale, gray	E	$0.00	$298.67	$298.67	$0.00	$298.67
53	Whale, humpback	E	$0.00	$617.04	$617.04	$0.00	$617.04
24	Whale, right	E	$0.00	$1,780.67	$1,780.67	$0.00	$1,780.67
88	Whale, Sei	E	$0.00	$236.04	$236.04	$0.00	$236.04
83	Whale, sperm	E	$0.00	$251.04	$251.04	$0.00	$251.04
14	Wolf, gray	E, T	$1,276.60	$1,484.01	$2,760.61	$179.50	$2,940.11

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
42	Wolf, red	E	$847.80	$93.10	$940.90	$2.00	$942.90
894	Woodrat, Key Largo	E	$0.00	$0.00	$0.00	$0.00	$0.00
	MAMMALS subtotals **No. Species:**	64	$6,194.80	$14,441.30	$20,636.10	$2,663.93	$23,300.03
	BIRDS						
440	`Akepa, Hawaii (honeycreeper)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	`Akepa, Maui (honeycreeper)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	`Akialoa, Kauai (honeycreeper)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	`Akiapola`au (honeycreeper)	E	$15.00	$0.00	$15.00	$0.00	$15.00
122	Blackbird, yellow-shouldered	E	$15.00	$30.04	$45.04	$85.00	$130.04
422	Bobwhite, masked (quail)	E	$1.00	$0.16	$1.16	$16.00	$17.16
440	Broadbill, Guam	E	$15.00	$0.00	$15.00	$0.00	$15.00
143	Caracara, Audubon's crested	T	$0.00	$90.00	$90.00	$13.71	$103.71
28	Condor, California	E	$1,053.00	$289.00	$1,342.00	$32.00	$1,374.00
221	Coot, Hawaiian (=`alae-ke`oke`o)	E	$15.00	$34.84	$49.84	$0.00	$49.84
119	Crane, Mississippi sandhill	E	$89.80	$50.50	$140.30	$0.10	$140.40
16	Crane, whooping	E	$549.70	$1,591.89	$2,141.59	$95.30	$2,236.89
440	Creeper, Hawaii	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	Creeper, Molokai (=kakawahie)	E	$15.00	$0.00	$15.00	$0.00	$15.00
311	Creeper, Oahu (=alauwahio)	E	$15.00	$8.01	$23.01	$0.00	$23.01
94	Crow, Hawaiian (=`alala)	E	$96.00	$17.80	$113.80	$112.00	$225.80
215	Crow, Mariana	E	$14.00	$39.53	$53.53	$0.00	$53.53
894	Crow, white-necked	E	$0.00	$0.00	$0.00		$0.00
876	Curlew, Eskimo	E	$0.00	$0.38	$0.38	$0.00	$0.38
183	Duck, Hawaiian (=koloa)	E	$15.00	$51.78	$66.78	$0.00	$66.78
425	Duck, Laysan	E	$15.00	$1.90	$16.90	$0.00	$16.90
10	Eagle, bald	T	$299.80	$3,363.08	$3,662.88	$947.90	$4,610.77
56	Eider, spectacled	T	$442.30	$150.00	$592.30	$5.25	$597.55
27	Falcon, American peregrine	E	$87.50	$961.54	$1,049.04	$329.98	$1,379.02
97	Falcon, northern aplomado	E	$83.50	$138.50	$222.00	$1.50	$223.50
247	Finch, Laysan (honeycreeper)	E	$34.50	$3.20	$37.70	$0.00	$37.70
473	Finch, Nihoa (honeycreeper)	E	$14.00	$0.00	$14.00	$0.00	$14.00
13	Flycatcher, southwestern willow	E	$306.00	$2,609.17	$2,915.17	$126.10	$3,041.27
17	Gnatcatcher, coastal California	T	$1,500.00	$625.00	$2,125.00	$2.00	$2,127.00
193	Goose, Aleutian Canada	T	$5.00	$49.53	$54.53	$7.60	$62.13
109	Goose, Hawaiian (=nene)	E	$15.00	$64.40	$79.40	$96.00	$175.40
440	Hawk, Hawaiian (=io)	E	$15.00	$0.00	$15.00	$0.00	$15.00
505	Hawk, Puerto Rican broad-winged	E	$12.00	$0.00	$12.00	$0.00	$12.00
580	Hawk, Puerto Rican sharp-shinned	E	$8.00	$0.00	$8.00	$0.00	$8.00
304	Honeycreeper, crested (=`akohekohe)	E	$15.00	$2.36	$17.36	$6.50	$23.86
47	Jay, Florida scrub	T	$268.80	$447.00	$715.80	$45.75	$761.55
137	Kingfisher, Guam Micronesian	E	$94.00	$16.13	$110.13	$0.00	$110.13
175	Kite, Everglade snail	E	$0.00	$55.00	$55.00	$19.77	$74.77
440	Mallard, Mariana	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	Megapode, Micronesian (=La Perouse's)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	Millerbird, Nihoa (old world warbler)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	Monarch, Tinian (old world flycatcher)	T	$15.00	$0.00	$15.00	$0.00	$15.00
223	Moorhen, Hawaiian common	E	$15.00	$34.33	$49.33	$0.00	$49.33
36	Moorhen, Mariana common	E	$15.00	$13.00	$28.00	$1,000.00	$1,028.00
6	Murrelet, marbled	T	$5,000.00	$2,086.95	$7,086.95	$1,718.45	$8,805.40
765	Nightjar, Puerto Rican	E	$4.00	$0.04	$4.04	$0.00	$4.04
440	Nukupu`u (honeycreeper)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	`O`o, Kauai (=`o`o `a`a) (honeyeater)	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	`O`u (honeycreeper)	E	$15.00	$0.00	$15.00	$0.00	$15.00
23	Owl, Mexican spotted	T	$257.00	$1,464.54	$1,721.54	$68.75	$1,790.29
4	Owl, northern spotted	T	$6,000.00	$10,109.42	$16,109.42	$1,240.80	$17,350.22
139	Palila (honeycreeper)	E	$15.00	$60.20	$75.20	$34.00	$109.20
304	Parrotbill, Maui (honeycreeper)	E	$15.00	$2.36	$17.36	$6.50	$23.86
39	Parrot, Puerto Rican	E	$844.00	$37.90	$881.90	$97.75	$979.65
103	Pelican, brown	E	$77.80	$90.44	$168.24	$26.60	$194.84
505	Petrel, Hawaiian dark-rumped	E	$6.00	$6.00	$12.00	$0.00	$12.00
110	Pigeon, Puerto Rican plain	E	$10.00	$14.00	$24.00	$143.09	$167.09
18	Plover, piping	E, T	$301.00	$1,508.29	$1,809.29	$306.13	$2,115.41

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
52	Plover, western snowy	T	$10.00	$630.23	$640.23	$32.60	$672.83
168	Po`ouli (honeycreeper)	E	$15.00	$0.00	$15.00	$63.00	$78.00
71	Prairie-chicken, Attwater's greater	E	$257.80	$90.70	$348.50	$6.50	$355.00
82	Rail, California clapper	E	$67.00	$169.67	$236.67	$20.00	$256.67
267	Rail, Guam	E	$15.00	$16.13	$31.13	$0.00	$31.13
149	Rail, light-footed clapper	E	$40.00	$44.61	$84.61	$10.00	$94.61
163	Rail, Yuma clapper	E	$13.40	$57.14	$70.54	$12.00	$82.54
516	Shearwater, Newell's Townsend's (formerly Man	T	$6.00	$5.09	$11.09	$0.00	$11.09
55	Shrike, San Clemente loggerhead	E	$9.00	$604.08	$613.08	$1.00	$614.08
74	Sparrow, Cape Sable seaside	E	$74.50	$240.00	$314.50	$0.00	$314.50
79	Sparrow, Florida grasshopper	E	$62.10	$190.19	$252.29	$31.35	$283.63
434	Sparrow, San Clemente sage	T	$10.00	$5.93	$15.93	$0.00	$15.93
44	Stilt, Hawaiian (=ae`o)	E	$6.00	$811.90	$817.90	$0.00	$817.90
89	Stork, wood	E	$109.20	$99.68	$208.88	$25.47	$234.35
174	Swiftlet, Mariana gray (=vanikoro)	E	$15.00	$60.00	$75.00	$0.00	$75.00
34	Tern, California least	E	$37.50	$1,029.29	$1,066.79	$18.00	$1,084.79
33	Tern, least (interior pop.)	E	$109.90	$956.69	$1,066.59	$66.46	$1,133.06
156	Tern, roseate	E, T	$15.00	$61.93	$76.93	$12.53	$89.46
440	Thrush, large Kauai	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	Thrush, Molokai (=oloma`o)	E	$15.00	$0.00	$15.00	$0.00	$15.00
295	Thrush, small Kauai (=puaiohi)	E	$15.00	$0.00	$15.00	$11.00	$26.00
162	Towhee, Inyo California (=brown)	T	$74.00	$8.00	$82.00	$1.00	$83.00
51	Vireo, black-capped	E	$77.70	$644.13	$721.83	$20.40	$742.23
30	Vireo, least Bell's	E	$200.50	$1,022.73	$1,223.23	$18.00	$1,241.23
843	Warbler, Bachman's	E	$0.10	$1.35	$1.45	$0.00	$1.45
41	Warbler, golden-cheeked	E	$299.40	$634.10	$933.50	$16.00	$949.50
59	Warbler, Kirtland's	E	$191.50	$238.10	$429.60	$102.00	$531.60
440	Warbler, nightingale reed	E	$15.00	$0.00	$15.00	$0.00	$15.00
440	White-eye, bridled	E	$15.00	$0.00	$15.00	$0.00	$15.00
894	Woodpecker, ivory-billed	E	$0.00	$0.00	$0.00	$0.00	$0.00
5	Woodpecker, red-cockaded	E	$617.70	$12,188.68	$12,806.38	$169.12	$12,975.50
	BIRDS subtotals **No. species:**	89	$20,257.00	$45,928.56	$66,185.56	$7,220.96	$73,406.52
	REPTILES						
818	Anole, Culebra Island giant	E	$2.00	$0.00	$2.00	$0.00	$2.00
818	Boa, Mona	T	$2.00	$0.00	$2.00	$0.00	$2.00
205	Boa, Puerto Rican	E	$14.00	$44.00	$58.00	$0.00	$58.00
601	Boa, Virgin Islands tree	E	$7.00	$0.00	$7.00	$0.00	$7.00
232	Crocodile, American	E	$25.00	$19.00	$44.00	$0.43	$44.43
567	Gecko, Monito	E	$2.00	$0.00	$2.00	$6.50	$8.50
601	Iguana, Mona ground	T	$7.00	$0.00	$7.00	$0.00	$7.00
99	Lizard, blunt-nosed leopard	E	$60.00	$155.50	$215.50	$0.00	$215.50
107	Lizard, Coachella Valley fringe-toed	T	$30.00	$150.00	$180.00	$0.00	$180.00
226	Lizard, Island night	T	$9.00	$38.40	$47.40	$0.00	$47.40
818	Lizard, St. Croix ground	E	$2.00	$0.00	$2.00	$0.00	$2.00
309	Rattlesnake, New Mexican ridge-nosed	T	$14.00	$6.10	$20.10	$3.20	$23.30
469	Skink, bluetail mole	T	$0.00	$0.00	$0.00	$14.32	$14.32
469	Skink, sand	T	$0.00	$0.00	$0.00	$14.32	$14.32
894	Snake, Atlantic salt marsh	T	$0.00	$0.00	$0.00	$0.00	$0.00
787	Snake, Concho water	T	$0.00	$3.10	$3.10	$0.30	$3.40
145	Snake, eastern indigo	T	$71.00	$26.89	$97.89	$3.20	$101.09
66	Snake, giant garter	T	$200.00	$237.11	$437.11	$0.00	$437.11
173	Snake, San Francisco garter	E	$50.00	$25.70	$75.70	$0.00	$75.70
9	Tortoise, desert	T	$784.00	$4,417.58	$5,201.58	$39.70	$5,241.28
90	Tortoise, gopher	T	$74.00	$154.98	$228.98	$5.00	$233.98
195	Turtle, Alabama redbelly (=red-bellied)	E	$18.00	$38.03	$56.03	$5.00	$61.03
274	Turtle, flattened musk	T	$25.00	$5.14	$30.14	$0.00	$30.14
20	Turtle, green sea	E, T	$221.50	$1,778.90	$2,000.40	$3.75	$2,004.15
45	Turtle, hawksbill sea (=carey)	E	$81.30	$725.31	$806.61	$8.50	$815.11
38	Turtle, Kemp's ridley sea	E	$109.30	$879.10	$988.40	$5.25	$993.65
49	Turtle, leatherback sea	E	$89.30	$657.09	$746.39	$10.55	$756.94
19	Turtle, loggerhead sea	T	$312.30	$1,460.76	$1,773.06	$241.85	$2,014.91
105	Turtle, olive ridley sea	E, T	$17.00	$176.10	$193.10	$0.00	$193.10

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RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
854	Turtle, Plymouth redbelly (=red-bellied)	E	$0.00	$0.00	$0.00	$1.00	$1.00
596	Turtle, ringed map (=sawback)	T	$0.00	$1.23	$1.23	$6.00	$7.23
197	Turtle, yellow-blotched map (=sawback)	T	$2.50	$56.00	$58.50	$2.00	$60.50
	REPTILES subtotals No. species:	32	$2,229.20	$11,056.02	$13,285.22	$370.87	$13,656.08
	AMPHIBIANS						
766	Coqui, golden	T	$4.00	$0.00	$4.00	$0.00	$4.00
81	Frog, California red-legged	T	$50.00	$220.03	$270.03	$0.00	$270.03
246	Salamander, Cheat Mountain	T	$0.00	$37.70	$37.70	$0.32	$38.02
517	Salamander, desert slender	E	$10.00	$1.00	$11.00	$0.00	$11.00
741	Salamander, Red Hills	T	$5.00	$0.00	$5.00	$0.00	$5.00
184	Salamander, San Marcos	T	$31.00	$35.00	$66.00	$0.30	$66.30
301	Salamander, Santa Cruz long-toed	E	$14.00	$10.50	$24.50	$0.00	$24.50
866	Salamander, Shenandoah	E	$0.00	$0.00	$0.00	$0.50	$0.50
184	Salamander, Texas blind	E	$31.00	$35.00	$66.00	$0.30	$66.30
154	Toad, Arroyo southwestern	E	$50.00	$41.27	$91.27	$0.00	$91.27
502	Toad, Houston	E	$5.00	$4.40	$9.40	$3.00	$12.40
600	Toad, Puerto Rican crested	T	$7.00	$0.04	$7.04	$0.00	$7.04
181	Toad, Wyoming	E	$41.00	$7.50	$48.50	$22.00	$70.50
	AMPHIBIANS subtotals No. species:	13	$248.00	$392.44	$640.44	$26.42	$666.86
	FISHES						
165	Catfish, Yaqui	T	$75.20	$0.00	$75.20	$6.00	$81.20
637	Cavefish, Alabama	E	$0.00	$3.20	$3.20	$3.00	$6.20
136	Cavefish, Ozark	T	$24.50	$69.35	$93.85	$16.50	$110.35
32	Chub, bonytail	E	$302.40	$808.92	$1,111.32	$63.00	$1,174.32
167	Chub, Borax Lake	E	$71.00	$8.00	$79.00	$0.00	$79.00
291	Chub, Chihuahua	T	$25.30	$0.00	$25.30	$1.50	$26.80
22	Chub, humpback	E	$212.50	$1,521.42	$1,733.92	$88.90	$1,822.82
428	Chub, Hutton tui	T	$16.00	$0.00	$16.00	$0.00	$16.00
517	Chub, Mohave tui	E	$10.00	$1.00	$11.00	$0.00	$11.00
286	Chub, Oregon	E	$16.00	$7.00	$23.00	$5.63	$28.63
297	Chub, Owens tui	E	$25.00	$0.80	$25.80	$0.00	$25.80
272	Chub, Pahranagat roundtail (=bonytail)	E	$25.30	$0.00	$25.30	$5.00	$30.30
784	Chub, slender	T	$0.20	$0.30	$0.50	$3.00	$3.50
201	Chub, Sonora	T	$1.00	$3.81	$4.81	$55.00	$59.81
218	Chub, spotfin (=turquoise shiner)	T	$48.90	$1.55	$50.45	$2.00	$52.45
62	Chub, Virgin River	E	$411.80	$78.66	$490.46	$17.70	$508.16
599	Chub, Yaqui	E	$1.00	$0.16	$1.16	$6.00	$7.16
37	Cui-ui	E	$40.00	$974.11	$1,014.11	$0.00	$1,014.11
213	Dace, Ash Meadows speckled	E	$4.00	$46.00	$50.00	$4.00	$54.00
405	Dace, blackside	T	$13.40	$5.50	$18.90	$1.00	$19.90
580	Dace, Clover Valley speckled	E	$5.00	$0.00	$5.00	$3.00	$8.00
225	Dace, desert	T	$10.00	$33.50	$43.50	$5.00	$48.50
428	Dace, Foskett speckled	T	$16.00	$0.00	$16.00	$0.00	$16.00
580	Dace, Independence Valley speckled	E	$5.00	$0.00	$5.00	$3.00	$8.00
731	Dace, Kendall Warm Springs	E	$0.60	$5.00	$5.60	$0.00	$5.60
288	Dace, Moapa	E	$10.00	$15.00	$25.00	$2.50	$27.50
499	Darter, amber	E	$8.80	$0.26	$9.06	$3.80	$12.86
517	Darter, bayou	T	$10.00	$0.00	$10.00	$1.00	$11.00
841	Darter, bluemask (=jewel)	E	$0.20	$0.40	$0.60	$1.00	$1.60
503	Darter, boulder (=Elk River)	E	$0.10	$6.20	$6.30	$6.00	$12.30
408	Darter, Cherokee	T	$19.00	$0.00	$19.00	$0.50	$19.50
623	Darter, duskytail	E	$1.60	$3.00	$4.60	$2.00	$6.60
805	Darter, Etowah	E	$2.00	$0.00	$2.00	$0.50	$2.50
144	Darter, fountain	E	$65.00	$36.20	$101.20	$0.10	$101.30
593	Darter, goldline	T	$7.00	$0.00	$7.00	$0.50	$7.50
191	Darter, leopard	T	$42.00	$16.85	$58.85	$4.19	$63.04
894	Darter, Maryland	E	$0.00	$0.00	$0.00	$0.00	$0.00
249	Darter, Niangua	T	$26.60	$7.17	$33.77	$2.35	$36.12
76	Darter, Okaloosa	E	$26.70	$280.00	$306.70	$0.00	$306.70
863	Darter, relict	E	$0.70	$0.00	$0.70	$0.00	$0.70
497	Darter, slackwater	T	$0.10	$12.00	$12.10	$1.00	$13.10

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740	Darter, snail	T	$2.10	$2.00	$4.10	$1.00	$5.10
320	Darter, watercress	E	$15.00	$0.00	$15.00	$6.00	$21.00
420	Gambusia, Big Bend	E	$15.20	$2.00	$17.20	$0.10	$17.30
894	Gambusia, Clear Creek	E	$0.00	$0.00	$0.00	$0.00	$0.00
289	Gambusia, Pecos	E	$21.50	$5.20	$26.70	$0.60	$27.30
207	Gambusia, San Marcos	E	$21.00	$35.00	$56.00	$0.00	$56.00
112	Goby, tidewater	E	$20.00	$143.60	$163.60	$0.00	$163.60
521	Logperch, Conasauga	E	$8.80	$0.26	$9.06	$1.80	$10.86
314	Logperch, Roanoke	E	$0.00	$0.00	$0.00	$22.00	$22.00
196	Madtom, Neosho	T	$29.00	$11.30	$40.30	$20.61	$60.91
844	Madtom, pygmy	E	$0.10	$0.30	$0.40	$1.00	$1.40
812	Madtom, Scioto	E	$2.20	$0.00	$2.20	$0.00	$2.20
616	Madtom, Smoky	E	$1.60	$3.30	$4.90	$2.00	$6.90
412	Madtom, yellowfin	T	$7.60	$3.30	$10.90	$8.00	$18.90
104	Minnow, loach	T	$50.00	$142.08	$192.08	$1.43	$193.51
91	Minnow, Rio Grande silvery	E	$62.00	$168.70	$230.70	$1.00	$231.70
567	Poolfish, Pahrump	E	$5.00	$1.50	$6.50	$2.00	$8.50
626	Pupfish, Ash Meadows Amargosa	E	$5.00	$0.00	$5.00	$1.50	$6.50
580	Pupfish, Comanche Springs	E	$2.00	$5.00	$7.00	$1.00	$8.00
188	Pupfish, desert	E	$34.20	$18.72	$52.92	$12.00	$64.92
468	Pupfish, Devils Hole	E	$5.00	$4.90	$9.90	$4.50	$14.40
439	Pupfish, Leon Springs	E	$15.20	$0.00	$15.20	$0.10	$15.30
292	Pupfish, Owens	E	$25.00	$1.40	$26.40	$0.00	$26.40
741	Pupfish, Warm Springs	E	$5.00	$0.00	$5.00	$0.00	$5.00
11	Salmon, chinook, Sacramento R. winter run	T	$0.00	$4,459.26	$4,459.26	$0.00	$4,459.26
2	Salmon, chinook, Snake R. fall run	T	$0.00	$34,380.66	$34,380.66	$57.00	$34,437.66
1	Salmon, chinook, Snake R. spring/summer run	T	$0.00	$40,735.26	$40,735.26	$42.00	$40,777.26
3	Salmon, sockeye (=red, =blueback), Snake R.	E	$0.00	$29,592.62	$29,592.62	$6.00	$29,598.62
531	Sculpin, pygmy	T	$10.00	$0.00	$10.00	$0.00	$10.00
318	Shiner, beautiful	T	$15.20	$0.00	$15.20	$6.00	$21.20
557	Shiner, blue	T	$8.60	$0.00	$8.60	$0.70	$9.30
733	Shiner, Cahaba	E	$5.00	$0.50	$5.50	$0.00	$5.50
166	Shiner, Cape Fear	E	$62.00	$2.38	$64.38	$15.00	$79.38
413	Shiner, Palezone	E	$0.10	$14.20	$14.30	$4.40	$18.70
65	Shiner, Pecos bluntnose	T	$11.70	$436.10	$447.80	$1.00	$448.80
306	Silverside, Waccamaw	T	$22.10	$0.51	$22.61	$1.00	$23.61
80	Smelt, delta	T	$230.00	$48.98	$278.98	$0.00	$278.98
108	Spikedace	T	$30.00	$136.32	$166.32	$10.63	$176.95
560	Spinedace, Big Spring	T	$5.00	$1.00	$6.00	$3.00	$9.00
212	Spinedace, Little Colorado	T	$2.00	$2.38	$4.38	$50.00	$54.38
325	Spinedace, White River	E	$5.00	$0.50	$5.50	$15.00	$20.50
531	Springfish, Hiko White River	E	$5.00	$1.50	$6.50	$3.50	$10.00
492	Springfish, Railroad Valley	T	$5.00	$3.10	$8.10	$5.50	$13.60
523	Springfish, White River	E	$5.00	$3.00	$8.00	$2.50	$10.50
8	Squawfish, Colorado	E	$371.70	$5,626.14	$5,997.84	$130.70	$6,128.54
123	Stickleback, unarmored threespine	E	$20.00	$106.30	$126.30	$0.00	$126.30
63	Sturgeon, Gulf	T	$162.10	$300.56	$462.66	$7.58	$470.23
29	Sturgeon, pallid	E	$182.10	$1,125.91	$1,308.01	$14.60	$1,322.61
50	Sturgeon, shortnose	E	$457.20	$290.34	$747.54	$1.00	$748.54
31	Sturgeon, white (Kootenai River pop.)	E	$28.00	$1,153.00	$1,181.00	$2.50	$1,183.50
35	Sucker, June	E	$40.00	$985.00	$1,025.00	$12.00	$1,037.00
48	Sucker, Lost River	E	$120.00	$639.50	$759.50	$0.00	$759.50
531	Sucker, Modoc	E	$10.00	$0.00	$10.00	$0.00	$10.00
7	Sucker, razorback	E	$773.20	$5,939.20	$6,712.40	$96.00	$6,808.40
43	Sucker, shortnose	E	$120.00	$768.50	$888.50	$0.00	$888.50
190	Sucker, Warner	T	$36.30	$28.00	$64.30	$0.00	$64.30
77	Topminnow, Gila (incl. Yaqui)	E	$36.20	$254.84	$291.04	$12.00	$303.04
117	Trout, Apache (=Arizona)	T	$99.30	$10.82	$110.12	$35.00	$145.12
222	Trout, Gila	E	$25.80	$10.00	$35.80	$14.00	$49.80
115	Trout, greenback cutthroat	T	$5.50	$51.70	$57.20	$101.00	$158.20
61	Trout, Lahontan cutthroat	T	$20.00	$460.40	$480.40	$33.83	$514.23
275	Trout, Little Kern golden	T	$10.00	$20.00	$30.00	$0.00	$30.00
531	Trout, Paiute cutthroat	T	$10.00	$0.00	$10.00	$0.00	$10.00

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
12	Trout, Umpqua River cutthroat	E	$0.00	$4,263.30	$4,263.30	$0.00	$4,263.30
57	Woundfin	E	$444.70	$78.50	$523.20	$37.80	$561.00
	FISHES subtotals **No. species:**	106	$5,326.20	$136,424.18	$141,750.38	$1,122.56	$142,872.94
	VERTEBRATES subtotals **No. species:**	304	34255.2	208242.5	242497.7	11404.73	253902.43
	INVERTEBRATES						
576	Acornshell, southern	E	$1.70	$4.80	$6.50	$1.70	$8.20
229	Clubshell	E	$37.30	$4.00	$41.30	$3.66	$44.96
881	Clubshell, black (=Curtus' mussel)	E	$0.00	$0.00	$0.00	$0.20	$0.20
128	Clubshell, ovate	E	$1.70	$115.60	$117.30	$2.40	$119.70
151	Clubshell, southern	E	$18.70	$72.84	$91.54	$2.40	$93.94
881	Combshell, southern (=penitent mussel)	E	$0.00	$0.00	$0.00	$0.20	$0.20
551	Combshell, upland	E	$1.70	$5.90	$7.60	$2.20	$9.80
465	Elktoe, Appalachian	E	$3.00	$3.11	$6.11	$8.50	$14.61
260	Fanshell	E	$11.80	$18.00	$29.80	$2.97	$32.77
634	Fatmucket, Arkansas	T	$1.50	$3.85	$5.35	$1.00	$6.35
172	Heelsplitter, Carolina	E	$36.60	$1.51	$38.11	$39.00	$77.11
500	Heelsplitter, inflated	T	$12.00	$0.54	$12.54	$0.20	$12.74
493	Kidneyshell, triangular	E	$3.50	$7.76	$11.26	$2.20	$13.46
788	Lampmussel, Alabama (=Pearly mussel, Alabam	E	$1.30	$1.00	$2.30	$1.00	$3.30
164	Moccasinshell, Alabama	T	$3.50	$75.86	$79.36	$2.40	$81.76
514	Moccasinshell, Coosa	E	$3.50	$7.00	$10.50	$0.70	$11.20
169	Mucket, orange-nacre	T	$1.80	$75.76	$77.56	$0.20	$77.76
124	Mussel, dwarf wedge	E	$46.60	$52.96	$99.56	$24.20	$123.76
595	Mussel, ring pink (=golf stick pearly)	E	$5.90	$0.00	$5.90	$1.40	$7.30
126	Mussel, winged mapleleaf	E	$0.00	$119.50	$119.50	$2.08	$121.58
423	Pearlshell, Louisiana	T	$0.00	$16.11	$16.11	$0.90	$17.01
847	Pearlymussel, Appalachian monkeyface	E	$0.20	$0.00	$0.20	$1.00	$1.20
555	Pearlymussel, birdwing	E	$0.60	$5.00	$5.60	$4.00	$9.60
791	Pearlymussel, cracking	E	$0.10	$2.00	$2.10	$1.00	$3.10
754	Pearlymussel, Cumberland bean	E	$0.50	$2.00	$2.50	$2.40	$4.90
591	Pearlymussel, Cumberland monkeyface	E	$0.60	$4.00	$4.60	$3.00	$7.60
779	Pearlymussel, Curtis'	E	$0.00	$3.39	$3.39	$0.50	$3.89
810	Pearlymussel, dromedary	E	$0.30	$0.00	$0.30	$2.00	$2.30
808	Pearlymussel, green-blossom	E	$0.40	$0.00	$0.40	$2.00	$2.40
72	Pearlymussel, Higgins' eye	E	$0.50	$345.04	$345.54	$1.98	$347.52
578	Pearlymussel, little-wing	E	$0.60	$2.19	$2.79	$5.40	$8.19
73	Pearlymussel, orange-foot pimpleback	E	$71.40	$251.66	$323.06	$2.08	$325.14
808	Pearlymussel, pale lilliput	E	$1.40	$0.00	$1.40	$1.00	$2.40
251	Pearlymussel, pink mucket	E	$13.00	$14.26	$27.26	$7.08	$34.34
239	Pearlymussel, purple cat's paw	E	$10.20	$0.00	$10.20	$31.40	$41.60
849	Pearlymussel, tubercled-blossom	E	$0.10	$0.00	$0.10	$1.00	$1.10
840	Pearlymussel, turgid-blossom	E	$0.30	$0.35	$0.65	$1.00	$1.65
728	Pearlymussel, white cat's paw	E	$5.80	$0.00	$5.80	$0.00	$5.80
847	Pearlymussel, white wartyback	E	$0.20	$0.00	$0.20	$1.00	$1.20
841	Pearlymussel, yellow-blossom	E	$0.60	$0.00	$0.60	$1.00	$1.60
834	Pigtoe, Cumberland (=Cumberland pigtoe mussel	E	$0.90	$0.00	$0.90	$1.00	$1.90
556	Pigtoe, dark	E	$1.80	$7.76	$9.56	$0.00	$9.56
764	Pigtoe, fine-rayed	E	$0.20	$2.07	$2.27	$2.00	$4.27
881	Pigtoe, flat (=Marshall's mussel)	E	$0.00	$0.00	$0.00	$0.20	$0.20
881	Pigtoe, heavy (=Judge Tait's mussel)	E	$0.00	$0.00	$0.00	$0.20	$0.20
575	Pigtoe, rough	E	$5.60	$0.66	$6.26	$2.00	$8.26
789	Pigtoe, shiny	E	$0.60	$0.66	$1.26	$2.00	$3.26
514	Pigtoe, southern	E	$3.50	$6.00	$9.50	$1.70	$11.20
300	Pocketbook, fat	E	$1.70	$16.32	$18.02	$6.78	$24.80
250	Pocketbook, fine-lined	T	$31.60	$1.76	$33.36	$1.70	$35.06
845	Pocketbook, speckled	E	$0.00	$0.35	$0.35	$1.00	$1.35
202	Riffleshell, northern	E	$13.40	$46.00	$59.40	$0.40	$59.80
551	Riffleshell, tan	E	$0.20	$3.60	$3.80	$6.00	$9.80
216	Rock-pocketbook, Ouachita (=Wheeler's pearly	E	$36.00	$17.00	$53.00	$0.50	$53.50
471	Spinymussel, James River (=Virginia)	E	$0.00	$10.20	$10.20	$4.00	$14.20
217	Spinymussel, Tar River	E	$27.10	$1.63	$28.73	$24.00	$52.73

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RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
495	Stirrupshell	E	$13.00	$0.00	$13.00	$0.20	$13.20
67	Ambersnail, Kanab	E	$29.00	$353.00	$382.00	$34.00	$416.00
290	Limpet, Banbury Springs	E	$27.00	$0.00	$27.00	$0.00	$27.00
854	Marstonia (snail), royal (=obese)	E	$0.00	$0.00	$0.00	$1.00	$1.00
496	Riversnail, Anthony's	E	$4.00	$2.66	$6.66	$6.46	$13.12
877	Shagreen, Magazine Mountain	T	$0.00	$0.35	$0.35	$0.00	$0.35
263	Snails, Oahu tree	E	$15.00	$8.01	$23.01	$9.00	$32.01
236	Snail, Bliss Rapids	T	$28.00	$14.00	$42.00	$0.00	$42.00
794	Snail, Chittenango ovate amber	T	$0.00	$0.00	$0.00	$3.00	$3.00
871	Snail, flat-spired three-toothed	T	$0.00	$0.00	$0.00	$0.44	$0.44
619	Snail, Iowa Pleistocene	E	$0.00	$3.77	$3.77	$3.00	$6.77
473	Snail, Morro shoulderband (=Banded dune)	E	$14.00	$0.00	$14.00	$0.00	$14.00
888	Snail, noonday	T	$0.00	$0.12	$0.12	$0.00	$0.12
894	Snail, painted snake coiled forest	T	$0.00	$0.00	$0.00	$0.00	$0.00
189	Snail, Snake River physa	E	$28.00	$34.50	$62.50	$2.00	$64.50
818	Snail, Stock Island tree	T	$2.00	$0.00	$2.00	$0.00	$2.00
428	Snail, tulotoma (=Alabama live-bearing)	E	$15.00	$1.00	$16.00	$0.00	$16.00
102	Snail, Utah valvata	E	$28.00	$175.30	$203.30	$0.00	$203.30
818	Snail, Virginia fringed mountain	E	$0.00	$0.00	$0.00	$2.00	$2.00
570	Springsnail, Alamosa	E	$5.00	$2.00	$7.00	$1.37	$8.37
118	Springsnail, Bruneau Hot	E	$24.00	$117.50	$141.50	$0.00	$141.50
236	Springsnail, Idaho	E	$28.00	$14.00	$42.00	$0.00	$42.00
570	Springsnail, Socorro	E	$5.00	$2.00	$7.00	$1.37	$8.37
133	Beetle, American burying (=giant carrion)	E	$61.30	$40.95	$102.25	$11.55	$113.80
728	Beetle, Coffin Cave mold	E	$4.00	$0.00	$4.00	$1.80	$5.80
332	Beetle, delta green ground	T	$20.00	$0.00	$20.00	$0.00	$20.00
866	Beetle, Hungerford's crawling water	E	$0.50	$0.00	$0.50	$0.00	$0.50
637	Beetle, Kretschmarr Cave mold	E	$4.00	$0.40	$4.40	$1.80	$6.20
257	Beetle, northeastern beach tiger	T	$10.00	$19.90	$29.90	$3.00	$32.90
522	Beetle, Puritan tiger	T	$7.00	$0.00	$7.00	$3.77	$10.77
637	Beetle, Tooth Cave ground	E	$4.00	$0.40	$4.40	$1.80	$6.20
170	Beetle, valley elderberry longhorn	T	$30.00	$47.50	$77.50	$0.00	$77.50
523	Butterfly, bay checkerspot	T	$10.00	$0.50	$10.50	$0.00	$10.50
275	Butterfly, El Segundo blue	E	$30.00	$0.00	$30.00	$0.00	$30.00
60	Butterfly, Karner blue	E	$188.00	$172.44	$360.44	$159.18	$519.62
531	Butterfly, Lange's metalmark	E	$10.00	$0.00	$10.00	$0.00	$10.00
531	Butterfly, lotis blue	E	$10.00	$0.00	$10.00	$0.00	$10.00
231	Butterfly, mission blue	E	$10.00	$34.70	$44.70	$0.00	$44.70
135	Butterfly, Mitchell's satyr	E	$34.70	$72.30	$107.00	$5.00	$112.00
498	Butterfly, Myrtle's silverspot	E	$10.00	$3.00	$13.00	$0.00	$13.00
241	Butterfly, Oregon silverspot	T	$16.00	$14.60	$30.60	$10.00	$40.60
203	Butterfly, Palos Verdes blue	E	$9.00	$50.00	$59.00	$0.00	$59.00
240	Butterfly, Saint Francis' satyr	E	$1.00	$39.90	$40.90	$0.00	$40.90
419	Butterfly, San Bruno elfin	E	$10.00	$7.40	$17.40	$0.00	$17.40
140	Butterfly, Schaus swallowtail	E	$107.20	$0.00	$107.20	$1.00	$108.20
182	Butterfly, Smith's blue	E	$10.00	$57.00	$67.00	$0.00	$67.00
299	Butterfly, Uncompahgre fritillary	E	$7.00	$18.30	$25.30	$0.00	$25.30
114	Dragonfly, Hine's (=Ohio) emerald	E	$3.60	$0.00	$3.60	$159.04	$162.64
93	Fly, Delhi Sands flower-loving	E	$221.00	$5.70	$226.70	$0.00	$226.70
529	Moth, Kern primrose sphinx	T	$10.00	$0.07	$10.07	$0.00	$10.07
213	Naucorid, Ash Meadows	T	$5.00	$49.00	$54.00	$0.00	$54.00
854	Skipper, Pawnee montane	T	$0.00	$1.00	$1.00	$0.00	$1.00
637	Harvestman, Bee Creek Cave	E	$4.00	$0.40	$4.40	$1.80	$6.20
632	Harvestman, Bone Cave	E	$4.00	$0.40	$4.40	$2.00	$6.40
637	Pseudoscorpion, Tooth Cave	E	$4.00	$0.40	$4.40	$1.80	$6.20
889	Spider, spruce-fir moss	E	$0.10	$0.00	$0.10	$0.00	$0.10
637	Spider, Tooth Cave	E	$4.00	$0.40	$4.40	$1.80	$6.20
894	Amphipod, Hay's Spring	E	$0.00	$0.00	$0.00	$0.00	$0.00
836	Crayfish, cave [no common name; Cambarus acu	E	$0.00	$0.35	$0.35	$1.50	$1.85
738	Crayfish, cave [no common name; Cambarus zop	E	$3.50	$0.35	$3.85	$1.50	$5.35
805	Crayfish, Nashville	E	$1.50	$0.00	$1.50	$1.00	$2.50
530	Crayfish, Shasta (=placid)	E	$10.00	$0.03	$10.03	$0.00	$10.03
230	Fairy shrimp, Conservancy	E	$30.00	$14.80	$44.80	$0.00	$44.80

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269	Fairy shrimp, longhorn	E	$30.00	$1.00	$31.00	$0.00	$31.00
161	Fairy shrimp, riverside	E	$80.00	$3.70	$83.70	$0.00	$83.70
138	Fairy shrimp, vernal pool	T	$30.00	$79.60	$109.60	$0.00	$109.60
866	Isopod, Lee County cave	E	$0.00	$0.00	$0.00	$0.50	$0.50
866	Isopod, Madison Cave	T	$0.00	$0.00	$0.00	$0.50	$0.50
570	Isopod, Socorro	E	$5.00	$2.00	$7.00	$1.37	$8.37
242	Shrimp, Alabama cave	E	$0.00	$40.00	$40.00	$0.00	$40.00
69	Shrimp, California freshwater	E	$10.00	$385.30	$395.30	$0.00	$395.30
894	Shrimp, Kentucky cave	E	$0.00	$0.00	$0.00	$0.00	$0.00
565	Shrimp, Squirrel Chimney Cave (=Florida cave)	T	$0.00	$0.00	$0.00	$8.61	$8.61
194	Tadpole shrimp, vernal pool	E	$30.00	$31.10	$61.10	$0.00	$61.10
	INVERTEBRATES subtotals No. species:	130	$1,775.90	$3,253.11	$5,029.01	$665.99	$5,694.99
	PLANTS						
332	Abutilon eremitopetalum (=Sci name)	E	$6.00	$0.00	$6.00	$14.00	$20.00
560	Abutilon sandwicense (=Sci name)	E	$6.00	$3.00	$9.00	$0.00	$9.00
332	A`e	E	$20.00	$0.00	$20.00	$0.00	$20.00
786	Agave, Arizona	E	$0.00	$1.41	$1.41	$2.00	$3.41
626	`Aiakeakua, popolo	E	$6.00	$0.50	$6.50	$0.00	$6.50
332	`Aiea (Nothocestrum breviflorum = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	`Aiea (Nothocestrum peltatum = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	`Akoko (Chamaesyce celastroides kaenana = Sci	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	`Akoko (Chamaesyce deppeana = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	`Akoko (Chamaesyce kuwaleana = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	`Akoko, Ewa Plains	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Alani (Melicope adscendans = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Alani (Melicope balloui = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Alani (Melicope haupuensis = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Alani (Melicope knudsenii = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
580	Alani (Melicope lydgatei = Sci name)	E	$6.00	$2.00	$8.00	$0.00	$8.00
332	Alani (Melicope mucronulata = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Alani (Melicope ovalis = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Alani (Melicope pallida =Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Alani (Melicope quadrangularis = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Alani (Melicope reflexa = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
626	Alsinidendron obovatum (=Sci name)	E	$6.00	$0.50	$6.50	$0.00	$6.50
644	Alsinidendron trinerve (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Amaranthus brownii (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
127	Amaranth, seabeach	T	$12.50	$106.80	$119.30	$2.25	$121.55
505	Ambrosia, south Texas	E	$8.80	$3.20	$12.00	$0.00	$12.00
597	Amphianthus, little	T	$4.00	$0.03	$4.03	$3.20	$7.23
766	Aristida chaseae (=Sci name)	E	$4.00	$0.00	$4.00	$0.00	$4.00
794	Arrowhead, bunched	E	$2.00	$0.00	$2.00	$1.00	$3.00
814	Aster, decurrent false	T	$0.00	$0.50	$0.50	$1.69	$2.19
894	Aster, Florida golden	E	$0.00	$0.00	$0.00	$0.00	$0.00
573	Aster, Ruth's golden	E	$0.30	$8.00	$8.30	$0.00	$8.30
601	Auerodendron pauciflorum (=Sci name)	E	$7.00	$0.00	$7.00	$0.00	$7.00
644	Aupaka	E	$6.00	$0.00	$6.00	$0.00	$6.00
783	Avens, spreading	E	$0.20	$3.33	$3.53	$0.00	$3.53
332	`Awikiwiki	E	$20.00	$0.00	$20.00	$0.00	$20.00
428	`Awiwi (Centaurium sebaeoides = Sci name)	E	$10.00	$6.00	$16.00	$0.00	$16.00
644	`Awiwi (Hedyotis cookiana = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
494	Ayenia, Texas	E	$13.20	$0.20	$13.40	$0.00	$13.40
531	Barberry, Truckee	E	$10.00	$0.00	$10.00	$0.00	$10.00
894	Bariaco	E	$0.00	$0.00	$0.00	$0.00	$0.00
849	Beaked-rush, Knieskern's	T	$0.00	$0.00	$0.00	$1.10	$1.10
894	Beardtongue, Penland	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Beargrass, Britton's	E	$0.00	$0.00	$0.00	$0.00	$0.00
406	Bear-poppy, dwarf	E	$2.50	$13.00	$15.50	$4.16	$19.66
580	Beauty, Harper's	E	$8.00	$0.00	$8.00	$0.00	$8.00
894	Bellflower, Brooksville	E	$0.00	$0.00	$0.00	$0.00	$0.00
644	Bidens, cuneate	E	$6.00	$0.00	$6.00	$0.00	$6.00
580	Birch, Virginia round-leaf	T	$0.00	$5.00	$5.00	$3.00	$8.00

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
273	Bird's beak, palmate-bracted	E	$15.00	$15.24	$30.24	$0.00	$30.24
473	Bird's-beak, Pennell's	E	$14.00	$0.00	$14.00	$0.00	$14.00
132	Bird's-beak, salt marsh	E	$30.00	$86.00	$116.00	$0.00	$116.00
601	Birds-in-a-nest, white	T	$7.00	$0.00	$7.00	$0.00	$7.00
894	Bittercress, small-anthered	E	$0.00	$0.00	$0.00	$0.00	$0.00
766	Bladderpod, Dudley Bluffs	T	$0.00	$4.00	$4.00	$0.00	$4.00
558	Bladderpod, kodachrome	E	$2.00	$3.00	$5.00	$4.16	$9.16
466	Bladderpod, lyrate	T	$14.50	$0.00	$14.50	$0.00	$14.50
588	Bladderpod, Missouri	E	$0.00	$4.80	$4.80	$3.00	$7.80
331	Bladderpod, San Bernardino Mountains	E	$20.00	$0.03	$20.03	$0.00	$20.03
307	Bladderpod, white	E	$20.00	$3.50	$23.50	$0.00	$23.50
741	Blazingstar, Ash Meadows	T	$5.00	$0.00	$5.00	$0.00	$5.00
818	Blazingstar, Heller's	T	$0.00	$2.00	$2.00	$0.00	$2.00
894	Blazingstar, scrub	E	$0.00	$0.00	$0.00	$0.00	$0.00
644	Bluegrass, Hawaiian	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Bluegrass, Mann's	E	$6.00	$0.00	$6.00	$0.00	$6.00
794	Blue-star, Kearney's	E	$1.00	$0.00	$1.00	$2.00	$3.00
889	Bluet, Roan Mountain	E	$0.10	$0.00	$0.10	$0.00	$0.10
320	Bonamia menziesii (=Sci name)	E	$20.00	$1.00	$21.00	$0.00	$21.00
894	Bonamia, Florida	T	$0.00	$0.00	$0.00	$0.00	$0.00
766	Boxwood, Vahl's	E	$4.00	$0.00	$4.00	$0.00	$4.00
176	Broom, San Clemente Island	E	$10.00	$61.00	$71.00	$0.00	$71.00
440	Buckwheat, cushenbury	E	$15.00	$0.00	$15.00	$0.00	$15.00
894	Buckwheat, scrub	T	$0.00	$0.00	$0.00	$0.00	$0.00
741	Buckwheat, steamboat	E	$5.00	$0.00	$5.00	$0.00	$5.00
313	Bulrush, Northeastern (=barbed bristle)	E	$0.00	$22.00	$22.00	$0.50	$22.50
504	Bush-clover, prairie	T	$4.00	$3.77	$7.77	$4.28	$12.05
176	Bush-mallow, San Clemente Island	E	$10.00	$61.00	$71.00	$0.00	$71.00
756	Buttercup, autumn	E	$0.60	$0.00	$0.60	$4.16	$4.76
766	Butterwort, Godfrey's	T	$4.00	$0.00	$4.00	$0.00	$4.00
68	Button-celery, San Diego	E	$30.00	$383.00	$413.00	$0.00	$413.00
835	Button, Mohr's Barbara	T	$1.50	$0.17	$1.67	$0.20	$1.87
283	Cactus, Arizona hedgehog	E	$12.00	$15.31	$27.31	$2.00	$29.31
200	Cactus, Bakersfield	E	$30.00	$29.88	$59.88	$0.00	$59.88
766	Cactus, black lace	E	$4.00	$0.00	$4.00	$0.00	$4.00
463	Cactus, Brady pincushion	E	$0.00	$12.96	$12.96	$2.00	$14.96
563	Cactus, bunched cory	T	$8.50	$0.20	$8.70	$0.00	$8.70
872	Cactus, Chisos Mtn. hedgehog	T	$0.00	$0.40	$0.40	$0.00	$0.40
739	Cactus, Cochise pincushion	T	$2.00	$1.16	$3.16	$2.00	$5.16
894	Cactus, Key tree	E	$0.00	$0.00	$0.00	$0.00	$0.00
298	Cactus, Knowlton	E	$11.00	$14.50	$25.50	$0.00	$25.50
781	Cactus, Kuenzler hedgehog	E	$1.60	$2.00	$3.60	$0.00	$3.60
262	Cactus, Lee pincushion	T	$1.60	$30.50	$32.10	$0.00	$32.10
866	Cactus, Lloyd's hedgehog	E	$0.50	$0.00	$0.50	$0.00	$0.50
881	Cactus, Lloyd's Mariposa	T	$0.00	$0.20	$0.20	$0.00	$0.20
257	Cactus, Mesa Verde	T	$6.60	$26.30	$32.90	$0.00	$32.90
894	Cactus, Nellie cory	E	$0.00	$0.00	$0.00	$0.00	$0.00
210	Cactus, Nichol's Turk's head	E	$2.00	$50.71	$52.71	$2.00	$54.71
319	Cactus, Peebles Navajo	E	$15.00	$4.16	$19.16	$2.00	$21.16
148	Cactus, Pima pineapple	E	$30.00	$64.20	$94.20	$2.00	$96.20
558	Cactus, San Rafael	E	$2.00	$3.00	$5.00	$4.16	$9.16
315	Cactus, Siler pincushion	T	$1.40	$14.31	$15.71	$6.16	$21.87
235	Cactus, Sneed pincushion	E	$0.50	$42.50	$43.00	$0.00	$43.00
762	Cactus, star	E	$4.50	$0.00	$4.50	$0.00	$4.50
248	Cactus, Tobusch fishhook	E	$5.00	$0.50	$5.50	$31.00	$36.50
404	Cactus, Unita Basin hookless	T	$2.50	$13.31	$15.81	$4.16	$19.97
294	Cactus, Wright fishhook	E	$2.00	$20.00	$22.00	$4.16	$26.16
601	Calyptranthes thomasiana (=Sci name)	E	$7.00	$0.00	$7.00	$0.00	$7.00
802	Campion, fringed	E	$2.50	$0.00	$2.50	$0.20	$2.70
781	Capa rosa	E	$2.50	$1.10	$3.60	$0.00	$3.60
894	Cat's-eye, Terlingua Creek	E	$0.00	$0.00	$0.00	$0.00	$0.00
275	Ceanothus, coyote (=California-lilac, Coyote	E	$30.00	$0.00	$30.00	$0.00	$30.00
473	Centaury, spring-loving	T	$14.00	$0.00	$14.00	$0.00	$14.00

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RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
644	Chaff-flower, round-leaved	E	$6.00	$0.00	$6.00	$0.00	$6.00
152	Chaffseed, American	E	$2.50	$86.50	$89.00	$4.70	$93.70
766	Chamaecrista glandulosa var. mirabilis (=Sci	E	$4.00	$0.00	$4.00	$0.00	$4.00
644	Chamaesyce halemanui (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
428	Checker-mallow, Nelson's	T	$16.00	$0.00	$16.00	$0.00	$16.00
440	Checker-mallow, pedate	E	$15.00	$0.00	$15.00	$0.00	$15.00
644	Chumbo, higo	T	$6.00	$0.00	$6.00	$0.00	$6.00
894	Chupacallos (=Chupagallo)	E	$0.00	$0.00	$0.00	$0.00	$0.00
854	Cinquefoil, Robbins'	E	$1.00	$0.00	$1.00	$0.00	$1.00
473	Clarkia, Pismo	E	$14.00	$0.00	$14.00	$0.00	$14.00
208	Clarkia, Presidio	E	$10.00	$45.50	$55.50	$0.00	$55.50
125	Cliff-rose, Arizona	E	$15.00	$106.07	$121.07	$2.00	$123.07
316	Clover, running buffalo	E	$5.10	$12.80	$17.90	$3.50	$21.40
268	Coneflower, smooth	E	$8.50	$18.53	$27.03	$4.00	$31.03
872	Coneflower, Tennessee purple	E	$0.40	$0.00	$0.40	$0.00	$0.40
766	Cranichis ricartii (=Sci name)	E	$4.00	$0.00	$4.00	$0.00	$4.00
758	Cress, toad-flax	E	$0.40	$0.00	$0.40	$4.16	$4.56
644	Cyanea macrostegia ssp. gibsonii (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
601	Cyanea superba (=Sci name)	E	$6.00	$1.00	$7.00	$0.00	$7.00
644	Cyanea undulata (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
417	Cycladenia, Jones	T	$0.60	$11.70	$12.30	$6.16	$18.46
427	Daisy, lakeside	T	$16.60	$0.00	$16.60	$0.00	$16.60
625	Daisy, Maguire	E	$0.40	$2.00	$2.40	$4.16	$6.56
440	Daisy, Parish's	T	$15.00	$0.00	$15.00	$0.00	$15.00
601	Daphnopsis hellerana (=Sci name)	E	$7.00	$0.00	$7.00	$0.00	$7.00
301	Dawn-flower, Texas prairie	E	$10.00	$14.50	$24.50	$0.00	$24.50
623	Delissea rhytidosperma (=Sci name)	E	$6.00	$0.60	$6.60	$0.00	$6.60
421	Dogweed, ashy	E	$13.20	$0.00	$13.20	$4.00	$17.20
426	Dropwort, Canby's	E	$6.00	$8.84	$14.84	$1.80	$16.64
644	Dubautia latifolia (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Dubautia pauciflorula (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
531	Dudleya, Santa Clara Valley	E	$10.00	$0.00	$10.00	$0.00	$10.00
418	Dwarf-flax, Marin	T	$10.00	$7.90	$17.90	$0.00	$17.90
894	Erubia	E	$0.00	$0.00	$0.00	$0.00	$0.00
741	Eugenia woodburyana (=Sci name)	E	$5.00	$0.00	$5.00	$0.00	$5.00
531	Evening-primrose, Antioch Dunes	E	$10.00	$0.00	$10.00	$0.00	$10.00
466	Evening-primrose, Eureka Valley	E	$14.00	$0.50	$14.50	$0.00	$14.50
236	Evening-primrose, San Benito	T	$14.00	$28.00	$42.00	$0.00	$42.00
531	Fiddleneck, Large-flowered	E	$10.00	$0.00	$10.00	$0.00	$10.00
818	Fleabane, Rhizome	T	$0.00	$2.00	$2.00	$0.00	$2.00
269	Four-o'clock, MacFarlane's	E	$24.00	$6.00	$30.00	$1.00	$31.00
254	Frankenia, Johnston's	E	$23.34	$0.00	$23.34	$10.00	$33.34
644	Gahnia lanaiensis (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
637	Gardenia, Hawaiian (na`u)	E	$6.00	$0.00	$6.00	$0.20	$6.20
634	Geocarpon minimum (=Sci name)	T	$5.00	$0.35	$5.35	$1.00	$6.35
332	Geranium, Hawaiian red-flowered	E	$20.00	$0.00	$20.00	$0.00	$20.00
265	Gerardia, sandplain	E	$20.00	$2.50	$22.50	$8.91	$31.41
741	Gesneria pauciflora (=Sci name)	T	$5.00	$0.00	$5.00	$0.00	$5.00
275	Gilia, Monterey	E	$14.00	$16.00	$30.00	$0.00	$30.00
766	Goetzea, beautiful (matabuey)	E	$4.00	$0.00	$4.00	$0.00	$4.00
880	Goldenrod, Blue Ridge	T	$0.00	$0.26	$0.26	$0.00	$0.26
293	Goldenrod, Houghton's	T	$15.50	$3.80	$19.30	$7.00	$26.30
872	Goldenrod, Short's	E	$0.40	$0.00	$0.40	$0.00	$0.40
803	Goldenrod, white-haired	T	$0.40	$2.20	$2.60	$0.00	$2.60
242	Goldfields, Burke's	E	$10.00	$30.00	$40.00	$0.00	$40.00
818	Gooseberry, Miccosukee (Florida)	T	$1.00	$0.00	$1.00	$1.00	$2.00
644	Gouania hillebrandii (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Gouania meyenii (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Gouania vitifolia (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
511	Gourd, Okeechobee	E	$11.50	$0.00	$11.50	$0.00	$11.50
187	Grass, California Orcutt	E	$50.00	$15.00	$65.00	$0.00	$65.00
408	Grass, Eureka Dune	E	$14.00	$5.50	$19.50	$0.00	$19.50
275	Grass, Solano	E	$30.00	$0.00	$30.00	$0.00	$30.00

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295	Grass, Tennessee yellow-eyed	E	$25.00	$1.00	$26.00	$0.00	$26.00
803	Ground-plum, Guthrie's	E	$2.60	$0.00	$2.60	$0.00	$2.60
794	Groundsel, San Francisco Peaks	T	$1.00	$0.00	$1.00	$2.00	$3.00
741	Gumplant, Ash Meadows	T	$5.00	$0.00	$5.00	$0.00	$5.00
332	Haha (Cyanea asarifolia = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Haha (Cyanea copelandii ssp. copelandii = Sci n	E	$20.00	$0.00	$20.00	$0.00	$20.00
626	Haha (Cyanea grimesiana spp. obatae = Sci nam	E	$6.00	$0.50	$6.50	$0.00	$6.50
332	Haha (Cyanea hamatiflora ssp. carlosonii = Sci n	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Haha (Cyanea lobata = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Haha (Cyanea mannii = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Haha (Cyanea mceldowneyi = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Haha (Cyanea pinnatifida = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Haha (Cyanea procera = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
621	Haha (Cyanea shipmannii= Sci name)	E	$6.00	$0.00	$6.00	$0.70	$6.70
332	Haha (Cyanea strictophylla = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Haha (Cyanea truncata = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Ha`iwale (Cyrtandra crenata = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Ha`iwale (Cyrtandra giffardii = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Ha`iwale (Cyrtandra limahuliensis = Sci name)	T	$20.00	$0.00	$20.00	$0.00	$20.00
644	Ha`iwale (Cyrtandra munroi = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Ha`iwale (Cyrtandra polyantha = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Ha`iwale (Cyrtandra tintinnabula = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
416	Haplostachys haplostachya (=Sci name)	E	$6.00	$12.50	$18.50	$0.00	$18.50
894	Harebells, Avon Park	E	$0.00	$0.00	$0.00	$0.00	$0.00
592	Harperella	E	$0.10	$2.35	$2.45	$5.10	$7.55
762	Heartleaf, dwarf-flowered	T	$4.00	$0.00	$4.00	$0.50	$4.50
894	Heather, mountain golden	T	$0.00	$0.00	$0.00	$0.00	$0.00
644	Heau	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Hedyotis degeneri (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
588	Hedyotis parvula (=Sci name)	E	$6.00	$1.80	$7.80	$0.00	$7.80
644	Hedyotis, Na Pali beach	E	$6.00	$0.00	$6.00	$0.00	$6.00
323	Hesperomannia arborescens (=Sci name)	E	$20.00	$0.00	$20.00	$0.80	$20.80
644	Hesperomannia arbuscula (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Hesperomannia lydgatei (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Hibiscus, Clay's	E	$6.00	$0.00	$6.00	$0.00	$6.00
766	Higuero de Sierra	E	$4.00	$0.00	$4.00	$0.00	$4.00
332	Holei	E	$20.00	$0.00	$20.00	$0.00	$20.00
818	Holly, Cook's	E	$2.00	$0.00	$2.00	$0.00	$2.00
157	Howellia, water	T	$20.00	$64.00	$84.00	$5.40	$89.40
894	Hypericum, highlands scrub	E	$0.00	$0.00	$0.00	$0.00	$0.00
818	Ilex sintenisii (=Sci name)	E	$2.00	$0.00	$2.00	$0.00	$2.00
644	Iliau, dwarf	E	$6.00	$0.00	$6.00	$0.00	$6.00
176	Indian paintbrush, San Clemente Island	E	$10.00	$61.00	$71.00	$0.00	$71.00
440	Ipomopsis, Holy Ghost	E	$15.00	$0.00	$15.00	$0.00	$15.00
889	Irisette, white	E	$0.10	$0.00	$0.10	$0.00	$0.10
308	Iris, dwarf lake	T	$10.00	$5.48	$15.48	$8.00	$23.48
320	Ischaemum, Hilo	E	$20.00	$1.00	$21.00	$0.00	$21.00
894	Ivesia, Ash Meadows	T	$0.00	$0.00	$0.00	$0.00	$0.00
894	Jacquemontia, beach	E	$0.00	$0.00	$0.00	$0.00	$0.00
160	Jewelflower, California	E	$30.00	$54.91	$84.91	$0.00	$84.91
531	Jewelflower, Metcalf Canyon	E	$10.00	$0.00	$10.00	$0.00	$10.00
531	Jewelflower, Tiburon	E	$10.00	$0.00	$10.00	$0.00	$10.00
815	Joint-vetch, sensitive	T	$0.00	$0.00	$0.00	$2.17	$2.17
593	Kamakahala	E	$6.00	$1.50	$7.50	$0.00	$7.50
328	Kauai hau kuahiwi	E	$20.00	$0.00	$20.00	$0.20	$20.20
327	Kauila	E	$20.00	$0.00	$20.00	$0.40	$20.40
644	Kaulu	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Kio`ele	E	$20.00	$0.00	$20.00	$0.00	$20.00
636	Kokio, Cooke's	E	$6.00	$0.00	$6.00	$0.30	$6.30
332	Koki`o ke`oke`o	E	$20.00	$0.00	$20.00	$0.00	$20.00
617	Koki`o (=hau-hele`ula or Hawaii tree cotton)	E	$6.00	$0.00	$6.00	$0.80	$6.80
332	ko`oko`olau (Bidens micrantha ssp. kalealaha =	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Ko`oko`olau (Bidens wiebkei = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
644	Ko`oloa`ula	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Kuahiwi, laukahi (Plantago hawaiensis = Sci nam	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Kuahiwi, laukahi (Plantago princeps = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Kula, wahine noho	E	$20.00	$0.00	$20.00	$0.00	$20.00
588	Kulu`i	E	$6.00	$1.80	$7.80	$0.00	$7.80
501	Ladies'-tresses, Navasota	E	$2.00	$10.00	$12.00	$0.70	$12.70
146	Ladies'-tresses, Ute	T	$13.00	$80.30	$93.30	$5.76	$99.05
644	Lagu, Hyan	E	$6.00	$0.00	$6.00	$0.00	$6.00
176	Larkspur, San Clemente Island	E	$10.00	$61.00	$71.00	$0.00	$71.00
511	Layia, beach	E	$10.00	$1.50	$11.50	$0.00	$11.50
894	Lead-plant, Crenulate	E	$0.00	$0.00	$0.00	$0.00	$0.00
889	Leather flower, Alabama	E	$0.10	$0.00	$0.10	$0.00	$0.10
887	Leather flower, Morefield's	E	$0.00	$0.17	$0.17	$0.00	$0.17
849	Lepanthes eltoroensis (=Sci name)	E	$0.00	$1.10	$1.10	$0.00	$1.10
894	Leptocereus grantianus (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
332	Liliwai	E	$20.00	$0.00	$20.00	$0.00	$20.00
833	Lily, Minnesota trout	E	$0.00	$0.00	$0.00	$1.96	$1.96
252	Lily, Western	E	$20.00	$14.00	$34.00	$0.00	$34.00
644	Lipochaeta venosa (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
473	Liveforever, Santa Barbara Island	E	$14.00	$0.00	$14.00	$0.00	$14.00
644	Lobelia niihauensis (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Lobelia oahuensis (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
784	Locoweed, Fassett's	T	$0.00	$2.50	$2.50	$1.00	$3.50
150	Lomatium, Bradshaw's	E	$71.00	$22.00	$93.00	$1.20	$94.20
120	Loosestrife, rough-leaved	E	$7.00	$117.43	$124.43	$8.00	$132.43
332	Loulu (Pritchardia affinis = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
330	Loulu (Pritchardia munroi = Sci name)	E	$20.00	$0.00	$20.00	$0.10	$20.10
894	Lousewort, Furbish	E	$0.00	$0.00	$0.00	$0.00	$0.00
435	Lupine, clover	E	$14.00	$1.50	$15.50	$0.00	$15.50
894	Lupine, scrub	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Lyonia truncata var. proctorii (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
644	Lysimachia filifolia (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Lysimachia lydgatei (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Mahoe	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Makou	T	$6.00	$0.00	$6.00	$0.00	$6.00
204	Mallow, Kern	E	$20.00	$38.91	$58.91	$0.00	$58.91
865	Mallow, Peter's Mountain	E	$0.00	$0.00	$0.00	$0.67	$0.67
766	Manaca, palma de	T	$4.00	$0.00	$4.00	$0.00	$4.00
473	Manioc, Walker's	E	$14.00	$0.00	$14.00	$0.00	$14.00
473	Manzanita, Morro	T	$14.00	$0.00	$14.00	$0.00	$14.00
224	Manzanita, Presido (=Raven's)	E	$10.00	$39.10	$49.10	$0.00	$49.10
531	Mariposa lily, Tiburon	T	$10.00	$0.00	$10.00	$0.00	$10.00
332	Mariscus fauriei (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Mariscus pennatiformis (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
287	Ma`o hau hele (=biscus, native yellow)	E	$20.00	$0.00	$20.00	$7.80	$27.80
644	Ma`oli`oli	E	$6.00	$0.00	$6.00	$0.00	$6.00
275	Meadowfoam, Butte County	E	$30.00	$0.00	$30.00	$0.00	$30.00
198	Meadowfoam, Sebastopol	E	$30.00	$30.00	$60.00	$0.00	$60.00
531	Meadowrue, Cooley's	E	$4.00	$0.00	$4.00	$6.00	$10.00
325	Mehamehame	E	$20.00	$0.50	$20.50	$0.00	$20.50
220	Mesa-mint, Otay	E	$50.00	$0.00	$50.00	$0.00	$50.00
130	Mesa-mint, San Diego	E	$50.00	$68.00	$118.00	$0.00	$118.00
644	Milkpea, Small's	E	$6.00	$0.00	$6.00	$0.00	$6.00
176	Milk-vetch, Applegate's	E	$71.00	$0.00	$71.00	$0.00	$71.00
741	Milk-vetch, Ash meadows	T	$5.00	$0.00	$5.00	$0.00	$5.00
310	Milk-vetch, Cushenbury	E	$20.00	$3.03	$23.03	$0.00	$23.03
579	Milk-vetch, heliotrope	T	$4.00	$0.00	$4.00	$4.16	$8.16
881	Milk-vetch, Jesup's	E	$0.00	$0.00	$0.00	$0.20	$0.20
282	Milk-vetch, Mancos	E	$7.00	$22.80	$29.80	$0.00	$29.80
741	Milk-vetch, Osterhout	E	$0.00	$5.00	$5.00	$0.00	$5.00
617	Milk-vetch, Sentry	E	$1.00	$3.80	$4.80	$2.00	$6.80
171	Milkweed, Mead's	T	$3.00	$71.89	$74.89	$2.40	$77.29
244	Milkweed, Welsh's	T	$1.40	$31.30	$32.70	$6.16	$38.86

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RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
894	Mint, Garrett's (=scrub, in part)	E	$0.00	$0.00	$0.00	$0.00	$0.00
854	Mint, Lakela's	E	$1.00	$0.00	$1.00	$0.00	$1.00
894	Mint, longspurred	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Mint, scrub	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Mitracarpus maxwelliae (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Mitracarpus polycladus (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
730	Monkey-flower, Michigan	E	$5.50	$0.00	$5.50	$0.20	$5.70
527	Monkshood, northern wild	T	$7.60	$0.00	$7.60	$2.75	$10.35
473	Mountain balm, Indian Knob	E	$14.00	$0.00	$14.00	$0.00	$14.00
644	Munroidendron racemosum (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
894	Mustard, Carter's	E	$0.00	$0.00	$0.00	$0.00	$0.00
741	Mustard, Penland alpine fen	T	$0.00	$5.00	$5.00	$0.00	$5.00
332	Mustard, slender-petaled	E	$20.00	$0.00	$20.00	$0.00	$20.00
894	Myrcia paganii (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
573	Na`ena`e		$6.00	$2.30	$8.30	$0.00	$8.30
332	Naupaka, dwarf	E	$20.00	$0.00	$20.00	$0.00	$20.00
894	Negra, cobana	T	$0.00	$0.00	$0.00	$0.00	$0.00
644	Nehe (Lipochaeta fauriei = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Nehe (Lipochaeta kamolensis = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Nehe (Lipochaeta lobata var. leptophylla = Sci na	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Nehe (Lipochaeta micrantha = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Nehe (Lipochaeta tenuifolia = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Nehe (Lipochaeta waimaeansis = Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
551	Neraudia angulata (=Sci name)	E	$6.00	$3.80	$9.80	$0.00	$9.80
332	Neraudia sericea (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
323	Nioi	E	$20.00	$0.80	$20.80	$0.00	$20.80
741	Niterwort, Amargosa	E	$5.00	$0.00	$5.00	$0.00	$5.00
332	Nohoanu	E	$20.00	$0.00	$20.00	$0.00	$20.00
872	Oak, Hinckley	T	$0.00	$0.00	$0.00	$0.40	$0.40
332	`Ohai	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	`Oha wai (Clermontia oblongifolia ssp. brevipes =	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	`Oha wai (Clermontia oblongifolia ssp. mauiensis	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	`Oha wai (Clermontia peleana = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	`Oha wai (Clermontia pyrularia = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	`Oha wai (Clermontia lindseyana = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	`Ohe`ohe	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	`Olulu	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Opuhe	E	$6.00	$0.00	$6.00	$0.00	$6.00
407	Orchid, eastern prairie fringed	T	$14.90	$2.80	$17.70	$1.90	$19.60
121	Orchid, western prairie fringed	T	$30.70	$96.15	$126.85	$4.31	$131.16
312	Oxytheca, cushenbury	E	$20.00	$3.00	$23.00	$0.00	$23.00
511	Paintbrush, Tiburon	E	$10.00	$1.50	$11.50	$0.00	$11.50
849	Palo colorado	E	$0.00	$1.10	$1.10	$0.00	$1.10
849	Palo de jazmin	E	$0.00	$1.10	$1.10	$0.00	$1.10
601	Palo de Nigua	E	$7.00	$0.00	$7.00	$0.00	$7.00
818	Palo de Ramon	E	$2.00	$0.00	$2.00	$0.00	$2.00
332	Pamakani (Tetramolopium capillare = Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
601	Pamakani (Viola chamissoniana ssp. chamissoni	E	$6.00	$1.00	$7.00	$0.00	$7.00
601	Panicgrass, Carter's	E	$6.00	$1.00	$7.00	$0.00	$7.00
332	Pau`ala	E	$20.00	$0.00	$20.00	$0.00	$20.00
894	Pawpaw, beautiful	E	$0.00	$0.00	$0.00	$0.00	$0.00
741	Pawpaw, four-petal	E	$0.00	$5.00	$5.00	$0.00	$5.00
894	Pawpaw, Rugel's	E	$0.00	$0.00	$0.00	$0.00	$0.00
766	Pelos del diablo	E	$4.00	$0.00	$4.00	$0.00	$4.00
733	Pennyroyal, Todsen's	E	$0.50	$5.00	$5.50	$0.00	$5.50
517	Penstemon, blowout	E	$0.00	$9.50	$9.50	$1.50	$11.00
531	Pentachaeta, white-rayed	E	$10.00	$0.00	$10.00	$0.00	$10.00
894	Peperomia, Wheeler's	E	$0.00	$0.00	$0.00	$0.00	$0.00
756	Phacelia, clay	E	$0.60	$0.00	$0.60	$4.16	$4.76
644	Phacelia, North Park	E	$0.00	$6.00	$6.00	$0.00	$6.00
526	Phlox, Texas trailing	E	$10.00	$0.40	$10.40	$0.00	$10.40
644	Phyllostegia glabra var. lanaiensis (=Sci nam	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Phyllostegia mannii (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00

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644	Phyllostegia mollis (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Phyllostegia waimeae (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Pilo	E	$20.00	$0.00	$20.00	$0.00	$20.00
854	Pinkroot, gentian	E	$1.00	$0.00	$1.00	$0.00	$1.00
266	Pink, swamp	T	$7.50	$17.44	$24.94	$6.20	$31.14
894	Pitaya, Davis' green	E	$0.00	$0.00	$0.00	$0.00	$0.00
424	Pitcher-plant, Alabama canebrake	E	$17.00	$0.00	$17.00	$0.00	$17.00
755	Pitcher-plant, green	E	$3.60	$1.00	$4.60	$0.20	$4.80
793	Pitcher-plant, mountain sweet	E	$2.00	$0.07	$2.07	$1.00	$3.07
894	Plum, scrub	E	$0.00	$0.00	$0.00	$0.00	$0.00
644	Poa siphonoglossa (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Po`e	E	$20.00	$0.00	$20.00	$0.00	$20.00
233	Pogonia, small whorled	T	$3.80	$39.09	$42.89	$1.37	$44.26
894	Polygala, Lewton's	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Polygala, tiny	E	$0.00	$0.00	$0.00	$0.00	$0.00
285	Pondberry	E	$6.00	$21.92	$27.92	$0.80	$28.72
894	Pondweed, Little Aguja Creek	E	$0.00	$0.00	$0.00	$0.00	$0.00
328	Popolo, ku mai (=Popolo, thorny)	E	$20.00	$0.20	$20.20	$0.00	$20.20
731	Poppy-mallow, Texas	E	$4.00	$1.10	$5.10	$0.50	$5.60
411	Poppy, Sacramento prickly	E	$2.50	$16.50	$19.00	$0.00	$19.00
438	Potato-bean, Price's	T	$12.70	$2.67	$15.37	$0.10	$15.47
620	Prairie-clover, leafy	E	$0.60	$6.17	$6.77	$0.00	$6.77
894	Prickly-apple, fragrant	E	$0.00	$0.00	$0.00	$0.00	$0.00
473	Prickly-ash, St. Thomas	E	$0.00	$14.00	$14.00	$0.00	$14.00
758	Primrose, Maguire	T	$0.40	$0.00	$0.40	$4.16	$4.56
644	Pritchardia remota (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
811	Rattleweed, hairy	E	$1.50	$0.51	$2.01	$0.20	$2.21
737	Reed-mustard, Barneby	E	$0.20	$1.00	$1.20	$4.16	$5.36
758	Reed-mustard, clay	T	$0.40	$0.00	$0.40	$4.16	$4.56
644	Remya kauaiensis (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Remya montgomeryi (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Remya, Maui	E	$20.00	$0.00	$20.00	$0.00	$20.00
818	Rhododendron, Chapman	E	$2.00	$0.00	$2.00	$0.00	$2.00
758	Ridge-cress (=pepper-cress), Barneby	E	$0.40	$0.00	$0.40	$4.16	$4.56
878	Rock-cress	E	$0.30	$0.00	$0.30	$0.00	$0.30
531	Rock-cress, McDonald's	E	$10.00	$0.00	$10.00	$0.00	$10.00
863	Rock-cress, shale barren	E	$0.00	$0.00	$0.00	$0.70	$0.70
332	Rollandia crispa (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
894	Rosa, palo de	E	$0.00	$0.00	$0.00	$0.00	$0.00
854	Rosemary, Apalachicola	E	$1.00	$0.00	$1.00	$0.00	$1.00
846	Rosemary, Cumberland	T	$0.80	$0.50	$1.30	$0.00	$1.30
894	Rosemary, Etonia	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Rosemary, short-leaved	E	$0.00	$0.00	$0.00	$0.00	$0.00
837	Roseroot, Leedy's	T	$0.00	$0.00	$0.00	$1.77	$1.77
415	Rush-pea, slender	E	$17.60	$1.00	$18.60	$0.00	$18.60
644	Sandalwood, Lanai or `iliahi	E	$6.00	$0.00	$6.00	$0.00	$6.00
894	Sandlace	E	$0.00	$0.00	$0.00	$0.00	$0.00
621	Sand-verbena, large-fruited	E	$3.70	$0.00	$3.70	$3.00	$6.70
805	Sandwort, Cumberland	E	$1.00	$1.50	$2.50	$0.00	$2.50
473	Sandwort, Marsh	E	$14.00	$0.00	$14.00	$0.00	$14.00
563	Sanicula mariversa (=Sci name)	E	$6.00	$2.70	$8.70	$0.00	$8.70
332	Schiedea haleakalensis (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Schiedea kaalae (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Schiedea lydgatei (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Schiedea spergulina var. leiopoda (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Schiedea spergulina var. spergulina (=Sci nam	T	$6.00	$0.00	$6.00	$0.00	$6.00
644	Schiedea verticillata (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Schiedea, Diamond Head	E	$6.00	$0.00	$6.00	$0.00	$6.00
894	Schoepfia arenaria (=Sci name)	T	$0.00	$0.00	$0.00	$0.00	$0.00
473	Seablite, California	E	$14.00	$0.00	$14.00	$0.00	$14.00
525	Sedge, Navajo	T	$0.00	$4.32	$4.32	$6.16	$10.48
332	Silene alexandri (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
332	Silene hawaiiensis (=Sci name)	T	$20.00	$0.00	$20.00	$0.00	$20.00

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
261	Silene lanceolata (=Sci name)	E	$20.00	$12.50	$32.50	$0.00	$32.50
644	Silene perlmanii (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Silversword, Haleakala (`ahinahina)	E	$20.00	$0.00	$20.00	$0.00	$20.00
566	Silversword, Ka`u	E	$6.00	$1.00	$7.00	$1.60	$8.60
531	Silversword, `Ahinahina Mauna Kea	E	$6.00	$0.00	$6.00	$4.00	$10.00
601	Skullcap, Florida	T	$7.00	$0.00	$7.00	$0.00	$7.00
413	Skullcap, large-flowered	E	$2.20	$16.30	$18.50	$0.20	$18.70
894	Snakeroot	E	$0.00	$0.00	$0.00	$0.00	$0.00
818	Snowbells, Texas	E	$0.00	$0.00	$0.00	$2.00	$2.00
332	Spermolepis hawaiiensis (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
473	Spineflower, Ben Lomond	E	$14.00	$0.00	$14.00	$0.00	$14.00
473	Spineflower, Howell's	E	$14.00	$0.00	$14.00	$0.00	$14.00
275	Spineflower, Monterey	T	$14.00	$16.00	$30.00	$0.00	$30.00
473	Spineflower, Robust (incl. Scotts Valley)	E	$14.00	$0.00	$14.00	$0.00	$14.00
131	Spineflower, slender-horned	E	$40.00	$69.60	$109.60	$8.00	$117.60
435	Spineflower, Sonoma	E	$14.00	$1.50	$15.50	$0.00	$15.50
632	Spiraea, Virginia	T	$4.80	$1.30	$6.10	$0.30	$6.40
644	Spurge, deltoid	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Spurge, Garber's	T	$6.00	$0.00	$6.00	$0.00	$6.00
741	Spurge, telephus	T	$5.00	$0.00	$5.00	$0.00	$5.00
644	Stenogyne angustifolia (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Stenogyne bifida (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Stenogyne campanulata (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
626	Stenogyne kanehoana (=Sci name)	E	$6.00	$0.50	$6.50	$0.00	$6.50
134	Sumac, Michaux's	E	$5.60	$97.80	$103.40	$9.30	$112.70
531	Sunflower, San Mateo woolly	E	$10.00	$0.00	$10.00	$0.00	$10.00
435	Sunflower, Schweinitz's	E	$12.50	$0.00	$12.50	$3.00	$15.50
894	Sunray, Ash Meadows	T	$0.00	$0.00	$0.00	$0.00	$0.00
198	Sunshine, Sonoma (=Stickyseed, Baker's)	E	$30.00	$30.00	$60.00	$0.00	$60.00
794	Ternstroemia subsessilis (=Sci name)	E	$0.00	$3.00	$3.00	$0.00	$3.00
303	Tetramolopium rockii (=Sci name)	T	$20.00	$4.00	$24.00	$0.00	$24.00
332	Tetramolopium arenarium (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
576	Tetramolopium filiforme (=Sci name)	E	$6.00	$2.20	$8.20	$0.00	$8.20
644	Tetramolopium lepidotum ssp. lepidotum (=Sci	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Tetramolopium remyi (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
284	Thistle, Chorro Creek	E	$14.00	$15.00	$29.00	$0.00	$29.00
473	Thistle, fountain	E	$14.00	$0.00	$14.00	$0.00	$14.00
531	Thistle, Loch Lomond coyote	E	$10.00	$0.00	$10.00	$0.00	$10.00
255	Thistle, Pitcher's	T	$10.00	$13.60	$23.60	$9.60	$33.20
794	Thistle, Sacramento Mountains	T	$3.00	$0.00	$3.00	$0.00	$3.00
531	Thornmint, San Mateo	E	$10.00	$0.00	$10.00	$0.00	$10.00
464	Townsendia, Last Chance	T	$0.60	$10.00	$10.60	$4.16	$14.76
894	Tree, pygmy fringe	E	$0.00	$0.00	$0.00	$0.00	$0.00
598	Trillium, persistent	E	$5.50	$0.50	$6.00	$1.20	$7.20
554	Trillium, relict	E	$7.50	$0.94	$8.44	$1.20	$9.64
766	Twinpod, Dudley Bluffs	T	$0.00	$4.00	$4.00	$0.00	$4.00
567	Uhiuhi	E	$6.00	$0.00	$6.00	$2.50	$8.50
818	Uvillo	E	$2.00	$0.00	$2.00	$0.00	$2.00
894	Vernonia proctorii (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
601	Vetch, Hawaiian	E	$6.00	$0.00	$6.00	$1.00	$7.00
332	Vigna o-wahuensis (=Sci name)	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Viola helenae (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Viola lanaiensis (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Wahane (=Hawane or loulu)	E	$6.00	$0.00	$6.00	$0.00	$6.00
473	Wallflower, Ben Lomond	E	$14.00	$0.00	$14.00	$0.00	$14.00
505	Wallflower, Contra Costa	E	$10.00	$2.00	$12.00	$0.00	$12.00
505	Wallflower, Menzies'	E	$10.00	$2.00	$12.00	$0.00	$12.00
894	Warea, wide-leaf	E	$0.00	$0.00	$0.00	$0.00	$0.00
473	Watercress, Gambel's	E	$14.00	$0.00	$14.00	$0.00	$14.00
838	Water-plantain, Kral's	T	$1.50	$0.00	$1.50	$0.20	$1.70
861	Water-willow, Cooley's	E	$0.00	$0.80	$0.80	$0.00	$0.80
818	Whitlow-wort, papery	T	$2.00	$0.00	$2.00	$0.00	$2.00
562	Wild-buckwheat, clay-loving	E	$0.00	$8.74	$8.74	$0.00	$8.74

TABLE 1. REPORTED EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES, NOT INCLUDING LAND ACQUISITION COSTS

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
780	Wild-buckwheat, gypsum	T	$0.30	$3.50	$3.80	$0.00	$3.80
155	Wild-rice, Texas	E	$47.00	$36.00	$83.00	$8.00	$91.00
894	Wings, Pigeon	T	$0.00	$0.00	$0.00	$0.00	$0.00
252	Wire-lettuce, Malheur	E	$28.00	$6.00	$34.00	$0.00	$34.00
894	Wireweed	E	$0.00	$0.00	$0.00	$0.00	$0.00
158	Woolly-star, Hoover's	T	$30.00	$56.91	$86.91	$0.00	$86.91
142	Woolly-star, Santa Ana River	E	$30.00	$76.70	$106.70	$0.00	$106.70
219	Wooly-threads, San Joaquin	E	$10.00	$42.41	$52.41	$0.00	$52.41
644	Xylosma crenatum (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
816	Ziziphus, florida	E	$2.10	$0.00	$2.10	$0.00	$2.10
473	Cypress, Santa Cruz	E	$14.00	$0.00	$14.00	$0.00	$14.00
626	Torreya, Florida	E	$6.50	$0.00	$6.50	$0.00	$6.50
894	Adiantum vivesii (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
644	Asplenium fragile var. insulare (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Diellia falcata (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Diellia pallida (=laciniata) (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
644	Diellia unisora (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
332	Diellia , asplenium-leaved	E	$20.00	$0.00	$20.00	$0.00	$20.00
644	Diplazium molokaiense (=Sci name)	E	$6.00	$0.00	$6.00	$0.00	$6.00
894	Elaphoglossum serpens (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
878	Fern, Alabama streak-sorus	T	$0.00	$0.30	$0.30	$0.00	$0.30
794	Fern, Aleutian shield	E	$3.00	$0.00	$3.00	$0.00	$3.00
817	Fern, American hart's-tongue	T	$0.80	$0.00	$0.80	$1.25	$2.05
894	Fern, Elfin tree	E	$0.00	$0.00	$0.00	$0.00	$0.00
332	Fern, pendant kihi	E	$20.00	$0.00	$20.00	$0.00	$20.00
601	Ihi`ihi	E	$6.00	$1.00	$7.00	$0.00	$7.00
601	Pauoa	E	$6.00	$1.00	$7.00	$0.00	$7.00
894	Polystichum calderonense (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
601	Pteris lidgatei (=Sci name)	E	$6.00	$1.00	$7.00	$0.00	$7.00
812	Quillwort, black spored	E	$2.00	$0.00	$2.00	$0.20	$2.20
733	Quillwort, Louisiana	E	$5.50	$0.00	$5.50	$0.00	$5.50
838	Quillwort, mat-forming	E	$1.50	$0.00	$1.50	$0.20	$1.70
894	Tectaria estremerana (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Thelypteris inabonensis (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Thelypteris verecunda (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
894	Thelypteris yaucoensis (=Sci name)	E	$0.00	$0.00	$0.00	$0.00	$0.00
332	Wawae`iole	E	$20.00	$0.00	$20.00	$0.00	$20.00
316	Wawa`iole	E	$20.00	$1.40	$21.40	$0.00	$21.40
410	Cladonia, Florida perforate	E	$19.40	$0.00	$19.40	$0.00	$19.40
861	Lichen, rock gnome	E	$0.00	$0.80	$0.80	$0.00	$0.80
	PLANTS subtotals **No. species:**	529	$4,732.14	$3,230.32	$7,962.46	$362.33	$8,324.79
	TOTALS ALL SPECIES **No. species:**	963	$40,763.24	$214,725.92	$255,489.16	$12,433.05	$267,922.21

Table 2.

Species Ranked in Descending Order
of Total Expenditures Reported.

Species are arranged in descending rank order by total identifiable expenditures (Table 1). Cumulative totals and percentages of the grand total ($267,922.21) are provided to assist the reader. None of these reported totals include known costs for habitat acquisition; see Table 3 for those costs reported to the Service.

For purposes of rank, the five vertebrate species that have both an endangered and a threatened population on the list are ranked as one species. The five 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 $267,922.21. (Example: $166,733.65 or 62.23% 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 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
1	Salmon, chinook, Snake R. spring/summer run	T	$40,777.26	$40,777.26	15.22%
2	Salmon, chinook, Snake R. fall run	T	$34,437.66	$75,214.91	28.07%
3	Salmon, sockeye (=red, =blueback), Snake R.	E	$29,598.62	$104,813.53	39.12%
4	Owl, northern spotted	T	$17,350.22	$122,163.76	45.60%
5	Woodpecker, red-cockaded	E	$12,975.50	$135,139.26	50.44%
6	Murrelet, marbled	T	$8,805.40	$143,944.66	53.73%
7	Sucker, razorback	E	$6,808.40	$150,753.05	56.27%
8	Squawfish, Colorado	E	$6,128.54	$156,881.59	58.55%
9	Tortoise, desert	T	$5,241.28	$162,122.88	60.51%
10	Eagle, bald	T	$4,610.77	$166,733.65	62.23%
11	Salmon, chinook, Sacramento R. winter run	T	$4,459.26	$171,192.91	63.90%
12	Trout, Umpqua River cutthroat	E	$4,263.30	$175,456.21	65.49%
13	Flycatcher, southwestern willow	E	$3,041.27	$178,497.48	66.62%
14	Wolf, gray	E, T	$2,940.11	$181,437.60	67.72%
15	Bear, grizzly	T	$2,887.47	$184,325.07	68.80%
16	Crane, whooping	E	$2,236.89	$186,561.95	69.63%
17	Gnatcatcher, coastal California	T	$2,127.00	$188,688.95	70.43%
18	Plover, piping	E, T	$2,115.41	$190,804.37	71.22%
19	Turtle, loggerhead sea	T	$2,014.91	$192,819.28	71.97%
20	Turtle, green sea	E, T	$2,004.15	$194,823.43	72.72%
21	Ferret, black-footed	E	$1,830.61	$196,654.04	73.40%
22	Chub, humpback	E	$1,822.82	$198,476.87	74.08%
23	Owl, Mexican spotted	T	$1,790.29	$200,267.16	74.75%
24	Whale, right	E	$1,780.67	$202,047.82	75.41%
25	Sea-lion, Steller	T	$1,710.30	$203,758.12	76.05%
26	Manatee, West Indian (=Florida)	E	$1,579.11	$205,337.23	76.64%
27	Falcon, American peregrine	E	$1,379.02	$206,716.25	77.16%
28	Condor, California	E	$1,374.00	$208,090.25	77.67%
29	Sturgeon, pallid	E	$1,322.61	$209,412.87	78.16%
30	Vireo, least Bell's	E	$1,241.23	$210,654.10	78.63%
31	Sturgeon, white (Kootenai River pop.)	E	$1,183.50	$211,837.60	79.07%
32	Chub, bonytail	E	$1,174.32	$213,011.92	79.51%
33	Tern, least (interior pop.)	E	$1,133.06	$214,144.98	79.93%
34	Tern, California least	E	$1,084.79	$215,229.77	80.33%
35	Sucker, June	E	$1,037.00	$216,266.77	80.72%
36	Moorhen, Mariana common	E	$1,028.00	$217,294.77	81.10%
37	Cui-ui	E	$1,014.11	$218,308.88	81.48%
38	Turtle, Kemp's ridley sea	E	$993.65	$219,302.53	81.85%
39	Parrot, Puerto Rican	E	$979.65	$220,282.18	82.22%
40	Seal, Hawaiian monk	E	$961.00	$221,243.18	82.58%
41	Warbler, golden-cheeked	E	$949.50	$222,192.68	82.93%
42	Wolf, red	E	$942.90	$223,135.58	83.28%
43	Sucker, shortnose	E	$888.50	$224,024.08	83.62%
44	Stilt, Hawaiian (=ae`o)	E	$817.90	$224,841.97	83.92%
45	Turtle, hawksbill sea (=carey)	E	$815.11	$225,657.08	84.22%
46	Panther, Florida	E	$777.43	$226,434.51	84.52%
47	Jay, Florida scrub	T	$761.55	$227,196.06	84.80%
48	Sucker, Lost River	E	$759.50	$227,955.56	85.08%
49	Turtle, leatherback sea	E	$756.94	$228,712.50	85.37%
50	Sturgeon, shortnose	E	$748.54	$229,461.03	85.64%
51	Vireo, black-capped	E	$742.23	$230,203.26	85.92%
52	Plover, western snowy	T	$672.83	$230,876.08	86.17%
53	Whale, humpback	E	$617.04	$231,493.13	86.40%
54	Fox, San Joaquin kit	E	$615.71	$232,108.84	86.63%
55	Shrike, San Clemente loggerhead	E	$614.08	$232,722.92	86.86%
56	Eider, spectacled	T	$597.55	$233,320.47	87.09%
57	Woundfin	E	$561.00	$233,881.47	87.29%
58	Whale, bowhead	E	$545.00	$234,426.47	87.50%
59	Warbler, Kirtland's	E	$531.60	$234,958.07	87.70%
60	Butterfly, Karner blue	E	$519.62	$235,477.70	87.89%
61	Trout, Lahontan cutthroat	T	$514.23	$235,991.93	88.08%
62	Chub, Virgin River	E	$508.16	$236,500.09	88.27%
63	Sturgeon, Gulf	T	$470.23	$236,970.32	88.45%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
64	Bat, gray	E	$467.41	$237,437.73	88.62%
65	Shiner, Pecos bluntnose	T	$448.80	$237,886.53	88.79%
66	Snake, giant garter	T	$437.11	$238,323.64	88.95%
67	Ambersnail, Kanab	E	$416.00	$238,739.64	89.11%
68	Button-celery, San Diego	E	$413.00	$239,152.64	89.26%
69	Shrimp, California freshwater	E	$395.30	$239,547.94	89.41%
70	Mouse, Pacific pocket	E	$387.10	$239,935.04	89.55%
71	Prairie-chicken, Attwater's greater	E	$355.00	$240,290.04	89.69%
72	Pearlymussel, Higgins' eye	E	$347.52	$240,637.56	89.82%
73	Pearlymussel, orange-foot pimpleback	E	$325.14	$240,962.70	89.94%
74	Sparrow, Cape Sable seaside	E	$314.50	$241,277.20	90.05%
75	Bat, Indiana	E	$308.28	$241,585.48	90.17%
76	Darter, Okaloosa	E	$306.70	$241,892.18	90.28%
77	Topminnow, Gila (incl. Yaqui)	E	$303.04	$242,195.23	90.40%
78	Whale, gray	E	$298.67	$242,493.89	90.51%
79	Sparrow, Florida grasshopper	E	$283.63	$242,777.53	90.61%
80	Smelt, delta	T	$278.98	$243,056.51	90.72%
81	Frog, California red-legged	T	$270.03	$243,326.54	90.82%
82	Rail, California clapper	E	$256.67	$243,583.21	90.92%
83	Whale, sperm	E	$251.04	$243,834.25	91.01%
84	Kangaroo rat, Stephens'	E	$250.20	$244,084.45	91.10%
85	Whale, blue	E	$250.00	$244,334.45	91.20%
86	Whale, finback	E	$246.34	$244,580.80	91.29%
87	Prairie dog, Utah	T	$241.31	$244,822.10	91.38%
88	Whale, Sei	E	$236.04	$245,058.15	91.47%
89	Stork, wood	E	$234.35	$245,292.50	91.55%
90	Tortoise, gopher	T	$233.98	$245,526.48	91.64%
91	Minnow, Rio Grande silvery	E	$231.70	$245,758.18	91.73%
92	Bear, Louisiana black	T	$226.94	$245,985.12	91.81%
93	Fly, Delhi Sands flower-loving	E	$226.70	$246,211.82	91.90%
94	Crow, Hawaiian (=`alala)	E	$225.80	$246,437.62	91.98%
95	Pronghorn, Sonoran	E	$225.00	$246,662.62	92.07%
95	Seal, guadalupe fur	T	$225.00	$246,887.62	92.15%
97	Falcon, northern aplomado	E	$223.50	$247,111.12	92.23%
98	Caribou, woodland	E	$221.25	$247,332.36	92.31%
99	Lizard, blunt-nosed leopard	E	$215.50	$247,547.86	92.40%
100	Ocelot	E	$215.40	$247,763.26	92.48%
101	Kangaroo rat, Tipton	E	$209.84	$247,973.10	92.55%
102	Snail, Utah valvata	E	$203.30	$248,176.40	92.63%
103	Pelican, brown	E	$194.84	$248,371.24	92.70%
104	Minnow, loach	T	$193.51	$248,564.75	92.77%
105	Turtle, olive ridley sea	E, T	$193.10	$248,757.85	92.85%
106	Deer, Columbian white-tailed	E	$184.23	$248,942.09	92.92%
107	Lizard, Coachella Valley fringe-toed	T	$180.00	$249,122.09	92.98%
108	Spikedace	T	$176.95	$249,299.04	93.05%
109	Goose, Hawaiian (=nene)	E	$175.40	$249,474.44	93.11%
110	Pigeon, Puerto Rican plain	E	$167.09	$249,641.53	93.18%
111	Mouse, salt marsh harvest	E	$166.69	$249,808.22	93.24%
112	Goby, tidewater	E	$163.60	$249,971.82	93.30%
113	Kangaroo rat, giant	E	$162.77	$250,134.59	93.36%
114	Dragonfly, Hine's (=Ohio) emerald	E	$162.64	$250,297.23	93.42%
115	Trout, greenback cutthroat	T	$158.20	$250,455.43	93.48%
116	Kangaroo rat, Fresno	E	$150.77	$250,606.20	93.54%
117	Trout, Apache (=Arizona)	T	$145.12	$250,751.32	93.59%
118	Springsnail, Bruneau Hot	E	$141.50	$250,892.82	93.64%
119	Crane, Mississippi sandhill	E	$140.40	$251,033.22	93.70%
120	Loosestrife, rough-leaved	E	$132.43	$251,165.65	93.75%
121	Orchid, western prairie fringed	T	$131.16	$251,296.81	93.79%
122	Blackbird, yellow-shouldered	E	$130.04	$251,426.85	93.84%
123	Stickleback, unarmored threespine	E	$126.30	$251,553.15	93.89%
124	Mussel, dwarf wedge	E	$123.76	$251,676.91	93.94%
125	Cliff-rose, Arizona	E	$123.07	$251,799.98	93.98%
126	Mussel, winged mapleleaf	E	$121.58	$251,921.56	94.03%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
127	Amaranth, seabeach	T	$121.55	$252,043.11	94.07%
128	Clubshell, ovate	E	$119.70	$252,162.81	94.12%
129	Mouse, Alabama beach	E	$118.83	$252,281.64	94.16%
130	Mesa-mint, San Diego	E	$118.00	$252,399.64	94.21%
131	Spineflower, slender-horned	E	$117.60	$252,517.24	94.25%
132	Bird's-beak, salt marsh	E	$116.00	$252,633.24	94.29%
133	Beetle, American burying (=giant carrion)	E	$113.80	$252,747.04	94.34%
134	Sumac, Michaux's	E	$112.70	$252,859.74	94.38%
135	Butterfly, Mitchell's satyr	E	$112.00	$252,971.74	94.42%
136	Cavefish, Ozark	T	$110.35	$253,082.09	94.46%
137	Kingfisher, Guam Micronesian	E	$110.13	$253,192.22	94.50%
138	Fairy shrimp, vernal pool	T	$109.60	$253,301.82	94.54%
139	Palila (honeycreeper)	E	$109.20	$253,411.02	94.58%
140	Butterfly, Schaus swallowtail	E	$108.20	$253,519.22	94.62%
141	Bat, Ozark big-eared	E	$108.02	$253,627.24	94.66%
142	Woolly-star, Santa Ana River	E	$106.70	$253,733.94	94.70%
143	Caracara, Audubon's crested	T	$103.71	$253,837.65	94.74%
144	Darter, fountain	E	$101.30	$253,938.95	94.78%
145	Snake, eastern indigo	T	$101.09	$254,040.04	94.82%
146	Ladies'-tresses, Ute	T	$99.05	$254,139.09	94.86%
147	Squirrel, Mount Graham red	E	$97.00	$254,236.09	94.89%
148	Cactus, Pima pineapple	E	$96.20	$254,332.29	94.93%
149	Rail, light-footed clapper	E	$94.61	$254,426.90	94.96%
150	Lomatium, Bradshaw's	E	$94.20	$254,521.10	95.00%
151	Clubshell, southern	E	$93.94	$254,615.05	95.03%
152	Chaffseed, American	E	$93.70	$254,708.75	95.07%
153	Bat, lesser long-nosed	E	$93.60	$254,802.35	95.10%
154	Toad, Arroyo southwestern	E	$91.27	$254,893.62	95.14%
155	Wild-rice, Texas	E	$91.00	$254,984.62	95.17%
156	Tern, roseate	E, T	$89.46	$255,074.07	95.20%
157	Howellia, water	T	$89.40	$255,163.47	95.24%
158	Woolly-star, Hoover's	T	$86.91	$255,250.39	95.27%
159	Jaguarundi (Felis yagourundi cacomitli)	E	$85.55	$255,335.94	95.30%
160	Jewelflower, California	E	$84.91	$255,420.85	95.33%
161	Fairy shrimp, riverside	E	$83.70	$255,504.55	95.37%
162	Towhee, Inyo California (=brown)	T	$83.00	$255,587.55	95.40%
163	Rail, Yuma clapper	E	$82.54	$255,670.09	95.43%
164	Moccasinshell, Alabama	T	$81.76	$255,751.85	95.46%
165	Catfish, Yaqui	T	$81.20	$255,833.05	95.49%
166	Shiner, Cape Fear	E	$79.38	$255,912.43	95.52%
167	Chub, Borax Lake	E	$79.00	$255,991.43	95.55%
168	Po`ouli (honeycreeper)	E	$78.00	$256,069.43	95.58%
169	Mucket, orange-nacre	T	$77.76	$256,147.19	95.61%
170	Beetle, valley elderberry longhorn	T	$77.50	$256,224.68	95.63%
171	Milkweed, Mead's	T	$77.29	$256,301.98	95.66%
172	Heelsplitter, Carolina	E	$77.11	$256,379.09	95.69%
173	Snake, San Francisco garter	E	$75.70	$256,454.79	95.72%
174	Swiftlet, Mariana gray (=vanikoro)	E	$75.00	$256,529.79	95.75%
175	Kite, Everglade snail	E	$74.77	$256,604.56	95.78%
176	Broom, San Clemente Island	E	$71.00	$256,675.56	95.80%
176	Bush-mallow, San Clemente Island	E	$71.00	$256,746.56	95.83%
176	Indian paintbrush, San Clemente Island	E	$71.00	$256,817.56	95.86%
176	Larkspur, San Clemente Island	E	$71.00	$256,888.56	95.88%
176	Milk-vetch, Applegate's	E	$71.00	$256,959.56	95.91%
181	Toad, Wyoming	E	$70.50	$257,030.06	95.93%
182	Butterfly, Smith's blue	E	$67.00	$257,097.06	95.96%
183	Duck, Hawaiian (=koloa)	E	$66.78	$257,163.84	95.98%
184	Salamander, San Marcos	T	$66.30	$257,230.14	96.01%
184	Salamander, Texas blind	E	$66.30	$257,296.44	96.03%
186	Squirrel, Virginia northern flying	E	$65.47	$257,361.91	96.06%
187	Grass, California Orcutt	E	$65.00	$257,426.91	96.08%
188	Pupfish, desert	E	$64.92	$257,491.83	96.11%
189	Snail, Snake River physa	E	$64.50	$257,556.33	96.13%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
190	Sucker, Warner	T	$64.30	$257,620.63	96.16%
191	Darter, leopard	T	$63.04	$257,683.67	96.18%
192	Kangaroo rat, Morro Bay	E	$63.00	$257,746.67	96.20%
193	Goose, Aleutian Canada	T	$62.13	$257,808.79	96.23%
194	Tadpole shrimp, vernal pool	E	$61.10	$257,869.89	96.25%
195	Turtle, Alabama redbelly (=red-bellied)	E	$61.03	$257,930.92	96.27%
196	Madtom, Neosho	T	$60.91	$257,991.84	96.29%
197	Turtle, yellow-blotched map (=sawback)	T	$60.50	$258,052.34	96.32%
198	Meadowfoam, Sebastopol	E	$60.00	$258,112.34	96.34%
198	Sunshine, Sonoma (=Stickyseed, Baker's)	E	$60.00	$258,172.34	96.36%
200	Cactus, Bakersfield	E	$59.88	$258,232.22	96.38%
201	Chub, Sonora	T	$59.81	$258,292.03	96.41%
202	Riffleshell, northern	E	$59.80	$258,351.83	96.43%
203	Butterfly, Palos Verdes blue	E	$59.00	$258,410.83	96.45%
204	Mallow, Kern	E	$58.91	$258,469.74	96.47%
205	Boa, Puerto Rican	E	$58.00	$258,527.74	96.49%
206	Deer, key	E	$57.26	$258,585.00	96.51%
207	Gambusia, San Marcos	E	$56.00	$258,641.00	96.54%
208	Clarkia, Presidio	E	$55.50	$258,696.50	96.56%
209	Jaguarundi (Felis yagourundi tolteca)	E	$54.95	$258,751.45	96.58%
210	Cactus, Nichol's Turk's head	E	$54.71	$258,806.16	96.60%
211	Mouse, southeastern beach	T	$54.58	$258,860.74	96.62%
212	Spinedace, Little Colorado	T	$54.38	$258,915.13	96.64%
213	Dace, Ash Meadows speckled	E	$54.00	$258,969.13	96.66%
213	Naucorid, Ash Meadows	T	$54.00	$259,023.13	96.68%
215	Crow, Mariana	E	$53.53	$259,076.66	96.70%
216	Rock-pocketbook, Ouachita (=Wheeler's pearly	E	$53.50	$259,130.16	96.72%
217	Spinymussel, Tar River	E	$52.73	$259,182.89	96.74%
218	Chub, spotfin (=turquoise shiner)	T	$52.45	$259,235.34	96.76%
219	Wooly-threads, San Joaquin	E	$52.41	$259,287.75	96.78%
220	Mesa-mint, Otay	E	$50.00	$259,337.75	96.80%
221	Coot, Hawaiian (=`alae-ke`oke`o)	E	$49.84	$259,387.59	96.81%
222	Trout, Gila	E	$49.80	$259,437.39	96.83%
223	Moorhen, Hawaiian common	E	$49.33	$259,486.71	96.85%
224	Manzanita, Presido (=Raven's)	E	$49.10	$259,535.81	96.87%
225	Dace, desert	T	$48.50	$259,584.31	96.89%
226	Lizard, Island night	T	$47.40	$259,631.72	96.91%
227	Mouse, Choctawahatchee beach	E	$47.08	$259,678.80	96.92%
228	Bat, Virginia big-eared	E	$45.32	$259,724.11	96.94%
229	Clubshell	E	$44.96	$259,769.07	96.96%
230	Fairy shrimp, Conservancy	E	$44.80	$259,813.87	96.97%
231	Butterfly, mission blue	E	$44.70	$259,858.57	96.99%
232	Crocodile, American	E	$44.43	$259,903.00	97.01%
233	Pogonia, small whorled	T	$44.26	$259,947.26	97.02%
234	Otter, southern sea	T	$44.10	$259,991.36	97.04%
235	Cactus, Sneed pincushion	E	$43.00	$260,034.36	97.06%
236	Evening-primrose, San Benito	T	$42.00	$260,076.36	97.07%
236	Snail, Bliss Rapids	T	$42.00	$260,118.36	97.09%
236	Springsnail, Idaho	E	$42.00	$260,160.36	97.10%
239	Pearlymussel, purple cat's paw	E	$41.60	$260,201.96	97.12%
240	Butterfly, Saint Francis' satyr	E	$40.90	$260,242.86	97.13%
241	Butterfly, Oregon silverspot	T	$40.60	$260,283.46	97.15%
242	Goldfields, Burke's	E	$40.00	$260,323.46	97.16%
242	Shrimp, Alabama cave	E	$40.00	$260,363.46	97.18%
244	Milkweed, Welsh's	T	$38.86	$260,402.32	97.19%
245	Mouse, Perdido Key beach	E	$38.07	$260,440.38	97.21%
246	Salamander, Cheat Mountain	T	$38.02	$260,478.41	97.22%
247	Finch, Laysan (honeycreeper)	E	$37.70	$260,516.11	97.24%
248	Cactus, Tobusch fishhook	E	$36.50	$260,552.61	97.25%
249	Darter, Niangua	T	$36.12	$260,588.73	97.26%
250	Pocketbook, fine-lined	T	$35.06	$260,623.79	97.28%
251	Pearlymussel, pink mucket	E	$34.34	$260,658.13	97.29%
252	Lily, Western	E	$34.00	$260,692.13	97.30%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
252	Wire-lettuce, Malheur	E	$34.00	$260,726.13	97.31%
254	Frankenia, Johnston's	E	$33.34	$260,759.47	97.33%
255	Thistle, Pitcher's	T	$33.20	$260,792.67	97.34%
256	Vole, Amargosa	E	$33.00	$260,825.67	97.35%
257	Beetle, northeastern beach tiger	T	$32.90	$260,858.57	97.36%
257	Cactus, Mesa Verde	T	$32.90	$260,891.47	97.38%
259	Shrew, Dismal Swamp southeastern	T	$32.80	$260,924.27	97.39%
260	Fanshell	E	$32.77	$260,957.05	97.40%
261	Silene lanceolata (=Sci name)	E	$32.50	$260,989.55	97.41%
262	Cactus, Lee pincushion	T	$32.10	$261,021.64	97.42%
263	Snails, Oahu tree	E	$32.01	$261,053.66	97.44%
264	Squirrel, Carolina northern flying	E	$31.80	$261,085.46	97.45%
265	Gerardia, sandplain	E	$31.41	$261,116.86	97.46%
266	Pink, swamp	T	$31.14	$261,148.00	97.47%
267	Rail, Guam	E	$31.13	$261,179.14	97.48%
268	Coneflower, smooth	E	$31.03	$261,210.17	97.49%
269	Fairy shrimp, longhorn	E	$31.00	$261,241.17	97.51%
269	Four-o'clock, MacFarlane's	E	$31.00	$261,272.17	97.52%
269	Vole, Hualapai Mexican	E	$31.00	$261,303.17	97.53%
272	Chub, Pahranagat roundtail (=bonytail)	E	$30.30	$261,333.47	97.54%
273	Bird's beak, palmate-bracted	E	$30.24	$261,363.71	97.55%
274	Turtle, flattened musk	T	$30.14	$261,393.84	97.56%
275	Butterfly, El Segundo blue	E	$30.00	$261,423.84	97.57%
275	Ceanothus, coyote (=California-lilac, Coyote	E	$30.00	$261,453.84	97.59%
275	Gilia, Monterey	E	$30.00	$261,483.84	97.60%
275	Grass, Solano	E	$30.00	$261,513.84	97.61%
275	Meadowfoam, Butte County	E	$30.00	$261,543.84	97.62%
275	Spineflower, Monterey	T	$30.00	$261,573.84	97.63%
275	Trout, Little Kern golden	T	$30.00	$261,603.84	97.64%
282	Milk-vetch, Mancos	E	$29.80	$261,633.64	97.65%
283	Cactus, Arizona hedgehog	E	$29.31	$261,662.95	97.66%
284	Thistle, Chorro Creek	E	$29.00	$261,691.95	97.67%
285	Pondberry	E	$28.72	$261,720.68	97.69%
286	Chub, Oregon	E	$28.63	$261,749.31	97.70%
287	Ma`o hau hele (=biscus, native yellow)	E	$27.80	$261,777.11	97.71%
288	Dace, Moapa	E	$27.50	$261,804.61	97.72%
289	Gambusia, Pecos	E	$27.30	$261,831.91	97.73%
290	Limpet, Banbury Springs	E	$27.00	$261,858.91	97.74%
291	Chub, Chihuahua	T	$26.80	$261,885.71	97.75%
292	Pupfish, Owens	E	$26.40	$261,912.11	97.76%
293	Goldenrod, Houghton's	T	$26.30	$261,938.41	97.77%
294	Cactus, Wright fishhook	E	$26.16	$261,964.57	97.78%
295	Grass, Tennessee yellow-eyed	E	$26.00	$261,990.57	97.79%
295	Thrush, small Kauai (=puaiohi)	E	$26.00	$262,016.57	97.80%
297	Chub, Owens tui	E	$25.80	$262,042.37	97.81%
298	Cactus, Knowlton	E	$25.50	$262,067.87	97.81%
299	Butterfly, Uncompahgre fritillary	E	$25.30	$262,093.17	97.82%
300	Pocketbook, fat	E	$24.80	$262,117.97	97.83%
301	Dawn-flower, Texas prairie	E	$24.50	$262,142.47	97.84%
301	Salamander, Santa Cruz long-toed	E	$24.50	$262,166.97	97.85%
303	Tetramolopium rockii (=Sci name)	T	$24.00	$262,190.97	97.86%
304	Honeycreeper, crested (=`akohekohe)	E	$23.86	$262,214.83	97.87%
304	Parrotbill, Maui (honeycreeper)	E	$23.86	$262,238.69	97.88%
306	Silverside, Waccamaw	T	$23.61	$262,262.30	97.89%
307	Bladderpod, white	E	$23.50	$262,285.80	97.90%
308	Iris, dwarf lake	T	$23.48	$262,309.28	97.91%
309	Rattlesnake, New Mexican ridge-nosed	T	$23.30	$262,332.58	97.91%
310	Milk-vetch, Cushenbury	E	$23.03	$262,355.61	97.92%
311	Creeper, Oahu (=alauwahio)	E	$23.01	$262,378.62	97.93%
312	Oxytheca, cushenbury	E	$23.00	$262,401.62	97.94%
313	Bulrush, Northeastern (=barbed bristle)	E	$22.50	$262,424.12	97.95%
314	Logperch, Roanoke	E	$22.00	$262,446.12	97.96%
315	Cactus, Siler pincushion	T	$21.87	$262,467.99	97.96%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
316	Clover, running buffalo	E	$21.40	$262,489.39	97.97%
316	Wawa`iole	E	$21.40	$262,510.79	97.98%
318	Shiner, beautiful	T	$21.20	$262,531.99	97.99%
319	Cactus, Peebles Navajo	E	$21.16	$262,553.15	98.00%
320	Bonamia menziesii (=Sci name)	E	$21.00	$262,574.15	98.00%
320	Darter, watercress	E	$21.00	$262,595.15	98.01%
320	Ischaemum, Hilo	E	$21.00	$262,616.15	98.02%
323	Hesperomannia arborescens (=Sci name)	E	$20.80	$262,636.95	98.03%
323	Nioi	E	$20.80	$262,657.75	98.04%
325	Mehamehame	E	$20.50	$262,678.25	98.04%
325	Spinedace, White River	E	$20.50	$262,698.75	98.05%
327	Kauila	E	$20.40	$262,719.15	98.06%
328	Kauai hau kuahiwi	E	$20.20	$262,739.35	98.07%
328	Popolo, ku mai (=Popolo, thorny)	E	$20.20	$262,759.55	98.07%
330	Loulu (Pritchardia munroi = Sci name)	E	$20.10	$262,779.65	98.08%
331	Bladderpod, San Bernardino Mountains	E	$20.03	$262,799.68	98.09%
332	Abutilon eremitopetalum (=Sci name)	E	$20.00	$262,819.68	98.10%
332	A`e	E	$20.00	$262,839.68	98.10%
332	`Aiea (Nothocestrum breviflorum = Sci name)	E	$20.00	$262,859.68	98.11%
332	`Akoko (Chamaesyce kuwaleana = Sci name)	E	$20.00	$262,879.68	98.12%
332	Alani (Melicope adscendans = Sci name)	E	$20.00	$262,899.68	98.13%
332	Alani (Melicope haupuensis = Sci name)	E	$20.00	$262,919.68	98.13%
332	Alani (Melicope knudsenii = Sci name)	E	$20.00	$262,939.68	98.14%
332	Alani (Melicope mucronulata = Sci name)	E	$20.00	$262,959.68	98.15%
332	Alani (Melicope quadrangularis = Sci name)	E	$20.00	$262,979.68	98.16%
332	Alani (Melicope reflexa = Sci name)	E	$20.00	$262,999.68	98.16%
332	`Awikiwiki	E	$20.00	$263,019.68	98.17%
332	Beetle, delta green ground	T	$20.00	$263,039.68	98.18%
332	Diellia , asplenium-leaved	E	$20.00	$263,059.68	98.19%
332	Fern, pendant kihi	E	$20.00	$263,079.68	98.19%
332	Geranium, Hawaiian red-flowered	E	$20.00	$263,099.68	98.20%
332	Haha (Cyanea asarifolia = Sci name)	E	$20.00	$263,119.68	98.21%
332	Haha (Cyanea copelandii ssp. copelandii = Sci name)	E	$20.00	$263,139.68	98.21%
332	Haha (Cyanea hamatiflora ssp. carlosonii = Sci name)	E	$20.00	$263,159.68	98.22%
332	Haha (Cyanea lobata = Sci name)	E	$20.00	$263,179.68	98.23%
332	Haha (Cyanea mannii = Sci name)	E	$20.00	$263,199.68	98.24%
332	Haha (Cyanea pinnatifida = Sci name)	E	$20.00	$263,219.68	98.24%
332	Haha (Cyanea procera = Sci name)	E	$20.00	$263,239.68	98.25%
332	Haha (Cyanea strictophylla = Sci name)	E	$20.00	$263,259.68	98.26%
332	Haha (Cyanea truncata = Sci name)	E	$20.00	$263,279.68	98.27%
332	Ha`iwale (Cyrtandra crenata = Sci name)	E	$20.00	$263,299.68	98.27%
332	Ha`iwale (Cyrtandra limahuliensis = Sci name)	T	$20.00	$263,319.68	98.28%
332	Ha`iwale (Cyrtandra polyantha = Sci name)	E	$20.00	$263,339.68	98.29%
332	Ha`iwale (Cyrtandra tintinnabula = Sci name)	E	$20.00	$263,359.68	98.30%
332	Holei	E	$20.00	$263,379.68	98.30%
332	Kio`ele	E	$20.00	$263,399.68	98.31%
332	Koki`o ke`oke`o	E	$20.00	$263,419.68	98.32%
332	ko`oko`olau (Bidens micrantha ssp. kalealaha = Sci na	E	$20.00	$263,439.68	98.33%
332	Ko`oko`olau (Bidens wiebkei = Sci name)	E	$20.00	$263,459.68	98.33%
332	Kuahiwi, laukahi (Plantago hawaiensis = Sci name)	E	$20.00	$263,479.68	98.34%
332	Kuahiwi, laukahi (Plantago princeps = Sci name)	E	$20.00	$263,499.68	98.35%
332	Kula, wahine noho	E	$20.00	$263,519.68	98.36%
332	Liliwai	E	$20.00	$263,539.68	98.36%
332	Lobelia oahuensis (=Sci name)	E	$20.00	$263,559.68	98.37%
332	Loulu (Pritchardia affinis = Sci name)	E	$20.00	$263,579.68	98.38%
332	Lysimachia lydgatei (=Sci name)	E	$20.00	$263,599.68	98.39%
332	Mahoe	E	$20.00	$263,619.68	98.39%
332	Mariscus fauriei (=Sci name)	E	$20.00	$263,639.68	98.40%
332	Mariscus pennatiformis (=Sci name)	E	$20.00	$263,659.68	98.41%
332	Mustard, slender-petaled	E	$20.00	$263,679.68	98.42%
332	Naupaka, dwarf	E	$20.00	$263,699.68	98.42%
332	Nehe (Lipochaeta lobata var. leptophylla = Sci name)	E	$20.00	$263,719.68	98.43%
332	Neraudia sericea (=Sci name)	E	$20.00	$263,739.68	98.44%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
332	Nohoanu	E	$20.00	$263,759.68	98.45%
332	`Ohai	E	$20.00	$263,779.68	98.45%
332	`Oha wai (Clermontia oblongifolia ssp. brevipes = Sci	E	$20.00	$263,799.68	98.46%
332	`Oha wai (Clermontia oblongifolia ssp. mauiensis = Sci	E	$20.00	$263,819.68	98.47%
332	`Oha wai (Clermontia peleana = Sci name)	E	$20.00	$263,839.68	98.48%
332	`Oha wai (Clermontia pyrularia = Sci name)	E	$20.00	$263,859.68	98.48%
332	`Oha wai (Clermontia pyrularia = Sci name)	E	$20.00	$263,879.68	98.49%
332	`Ohe`ohe	E	$20.00	$263,899.68	98.50%
332	Pamakani (Tetramolopium capillare = Sci name)	E	$20.00	$263,919.68	98.51%
332	Pau`ala	E	$20.00	$263,939.68	98.51%
332	Phyllostegia mannii (=Sci name)	E	$20.00	$263,959.68	98.52%
332	Pilo	E	$20.00	$263,979.68	98.53%
332	Po`e	E	$20.00	$263,999.68	98.54%
332	Remya, Maui	E	$20.00	$264,019.68	98.54%
332	Rollandia crispa (=Sci name)	E	$20.00	$264,039.68	98.55%
332	Schiedea haleakalensis (=Sci name)	E	$20.00	$264,059.68	98.56%
332	Schiedea lydgatei (=Sci name)	E	$20.00	$264,079.68	98.57%
332	Silene alexandri (=Sci name)	E	$20.00	$264,099.68	98.57%
332	Silene hawaiiensis (=Sci name)	T	$20.00	$264,119.68	98.58%
332	Silversword, Haleakala (`ahinahina)	E	$20.00	$264,139.68	98.59%
332	Spermolepis hawaiiensis (=Sci name)	E	$20.00	$264,159.68	98.60%
332	Stenogyne bifida (=Sci name)	E	$20.00	$264,179.68	98.60%
332	Tetramolopium arenarium (=Sci name)	E	$20.00	$264,199.68	98.61%
332	Vigna o-wahuensis (=Sci name)	E	$20.00	$264,219.68	98.62%
332	Wawae`iole	E	$20.00	$264,239.68	98.63%
404	Cactus, Unita Basin hookless	T	$19.97	$264,259.64	98.63%
405	Dace, blackside	T	$19.90	$264,279.54	98.64%
406	Bear-poppy, dwarf	E	$19.66	$264,299.20	98.65%
407	Orchid, eastern prairie fringed	T	$19.60	$264,318.80	98.66%
408	Darter, Cherokee	T	$19.50	$264,338.30	98.66%
408	Grass, Eureka Dune	E	$19.50	$264,357.80	98.67%
410	Cladonia, Florida perforate	E	$19.40	$264,377.20	98.68%
411	Poppy, Sacramento prickly	E	$19.00	$264,396.20	98.68%
412	Madtom, yellowfin	T	$18.90	$264,415.10	98.69%
413	Shiner, Palezone	E	$18.70	$264,433.80	98.70%
413	Skullcap, large-flowered	E	$18.70	$264,452.50	98.70%
415	Rush-pea, slender	E	$18.60	$264,471.10	98.71%
416	Haplostachys haplostachya (=Sci name)	E	$18.50	$264,489.60	98.72%
417	Cycladenia, Jones	T	$18.46	$264,508.06	98.73%
418	Dwarf-flax, Marin	T	$17.90	$264,525.96	98.73%
419	Butterfly, San Bruno elfin	E	$17.40	$264,543.36	98.74%
420	Gambusia, Big Bend	E	$17.30	$264,560.66	98.75%
421	Dogweed, ashy	E	$17.20	$264,577.86	98.75%
422	Bobwhite, masked (quail)	E	$17.16	$264,595.02	98.76%
423	Pearlshell, Louisiana	T	$17.01	$264,612.03	98.76%
424	Pitcher-plant, Alabama canebrake	E	$17.00	$264,629.03	98.77%
425	Duck, Laysan	E	$16.90	$264,645.93	98.78%
426	Dropwort, Canby's	E	$16.64	$264,662.56	98.78%
427	Daisy, lakeside	T	$16.60	$264,679.16	98.79%
428	`Awiwi (Centaurium sebaeoides = Sci name)	E	$16.00	$264,695.16	98.80%
428	Bat, Mariana fruit	E	$16.00	$264,711.16	98.80%
428	Checker-mallow, Nelson's	T	$16.00	$264,727.16	98.81%
428	Chub, Hutton tui	T	$16.00	$264,743.16	98.81%
428	Dace, Foskett speckled	T	$16.00	$264,759.16	98.82%
428	Snail, tulotoma (=Alabama live-bearing)	E	$16.00	$264,775.16	98.83%
434	Sparrow, San Clemente sage	T	$15.93	$264,791.10	98.83%
435	Lupine, clover	E	$15.50	$264,806.60	98.84%
435	Spineflower, Sonoma	E	$15.50	$264,822.10	98.84%
435	Sunflower, Schweinitz's	E	$15.50	$264,837.60	98.85%
438	Potato-bean, Price's	T	$15.47	$264,853.06	98.85%
439	Pupfish, Leon Springs	E	$15.30	$264,868.36	98.86%
440	`Akepa, Hawaii (honeycreeper)	E	$15.00	$264,883.36	98.87%
440	`Akepa, Maui (honeycreeper)	E	$15.00	$264,898.36	98.87%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
440	`Akialoa, Kauai (honeycreeper)	E	$15.00	$264,913.36	98.88%
440	`Akiapola`au (honeycreeper)	E	$15.00	$264,928.36	98.88%
440	Broadbill, Guam	E	$15.00	$264,943.36	98.89%
440	Buckwheat, cushenbury	E	$15.00	$264,958.36	98.89%
440	Checker-mallow, pedate	E	$15.00	$264,973.36	98.90%
440	Creeper, Hawaii	E	$15.00	$264,988.36	98.90%
440	Creeper, Molokai (=kakawahie)	E	$15.00	$265,003.36	98.91%
440	Daisy, Parish's	T	$15.00	$265,018.36	98.92%
440	Hawk, Hawaiian (=io)	E	$15.00	$265,033.36	98.92%
440	Ipomopsis, Holy Ghost	E	$15.00	$265,048.36	98.93%
440	Mallard, Mariana	E	$15.00	$265,063.36	98.93%
440	Megapode, Micronesian (=La Perouse's)	E	$15.00	$265,078.36	98.94%
440	Millerbird, Nihoa (old world warbler)	E	$15.00	$265,093.36	98.94%
440	Monarch, Tinian (old world flycatcher)	T	$15.00	$265,108.36	98.95%
440	Nukupu`u (honeycreeper)	E	$15.00	$265,123.36	98.96%
440	`O`o, Kauai (=`o`o `a`a) (honeyeater)	E	$15.00	$265,138.36	98.96%
440	`O`u (honeycreeper)	E	$15.00	$265,153.36	98.97%
440	Thrush, large Kauai	E	$15.00	$265,168.36	98.97%
440	Thrush, Molokai (=oloma`o)	E	$15.00	$265,183.36	98.98%
440	Warbler, nightingale reed	E	$15.00	$265,198.36	98.98%
440	White-eye, bridled	E	$15.00	$265,213.36	98.99%
463	Cactus, Brady pincushion	E	$14.96	$265,228.32	98.99%
464	Townsendia, Last Chance	T	$14.76	$265,243.07	99.00%
465	Elktoe, Appalachian	E	$14.61	$265,257.69	99.01%
466	Bladderpod, lyrate	T	$14.50	$265,272.19	99.01%
466	Evening-primrose, Eureka Valley	E	$14.50	$265,286.69	99.02%
468	Pupfish, Devils Hole	E	$14.40	$265,301.09	99.02%
469	Skink, bluetail mole	T	$14.32	$265,315.40	99.03%
469	Skink, sand	T	$14.32	$265,329.72	99.03%
471	Spinymussel, James River (=Virginia)	E	$14.20	$265,343.92	99.04%
472	Mouse, Anastasia Island beach	E	$14.08	$265,358.00	99.04%
473	Bird's-beak, Pennell's	E	$14.00	$265,372.00	99.05%
473	Centaury, spring-loving	T	$14.00	$265,386.00	99.05%
473	Clarkia, Pismo	E	$14.00	$265,400.00	99.06%
473	Cypress, Santa Cruz	E	$14.00	$265,414.00	99.06%
473	Finch, Nihoa (honeycreeper)	E	$14.00	$265,428.00	99.07%
473	Liveforever, Santa Barbara Island	E	$14.00	$265,442.00	99.07%
473	Manioc, Walker's	E	$14.00	$265,456.00	99.08%
473	Manzanita, Morro	T	$14.00	$265,470.00	99.08%
473	Mountain balm, Indian Knob	E	$14.00	$265,484.00	99.09%
473	Prickly-ash, St. Thomas	E	$14.00	$265,498.00	99.10%
473	Sandwort, Marsh	E	$14.00	$265,512.00	99.10%
473	Seablite, California	E	$14.00	$265,526.00	99.11%
473	Snail, Morro shoulderband (=Banded dune)	E	$14.00	$265,540.00	99.11%
473	Spineflower, Ben Lomond	E	$14.00	$265,554.00	99.12%
473	Spineflower, Howell's	E	$14.00	$265,568.00	99.12%
473	Spineflower, Robust (incl. Scotts Valley)	E	$14.00	$265,582.00	99.13%
473	Thistle, fountain	E	$14.00	$265,596.00	99.13%
473	Wallflower, Ben Lomond	E	$14.00	$265,610.00	99.14%
473	Watercress, Gambel's	E	$14.00	$265,624.00	99.14%
492	Springfish, Railroad Valley	T	$13.60	$265,637.60	99.15%
493	Kidneyshell, triangular	E	$13.46	$265,651.06	99.15%
494	Ayenia, Texas	E	$13.40	$265,664.46	99.16%
495	Stirrupshell	E	$13.20	$265,677.66	99.16%
496	Riversnail, Anthony's	E	$13.12	$265,690.78	99.17%
497	Darter, slackwater	T	$13.10	$265,703.88	99.17%
498	Butterfly, Myrtle's silverspot	E	$13.00	$265,716.88	99.18%
499	Darter, amber	E	$12.86	$265,729.73	99.18%
500	Heelsplitter, inflated	T	$12.74	$265,742.47	99.19%
501	Ladies'-tresses, Navasota	E	$12.70	$265,755.17	99.19%
502	Toad, Houston	E	$12.40	$265,767.57	99.20%
503	Darter, boulder (=Elk River)	E	$12.30	$265,779.87	99.20%
504	Bush-clover, prairie	T	$12.05	$265,791.92	99.20%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
505	Ambrosia, south Texas	E	$12.00	$265,803.92	99.21%
505	Hawk, Puerto Rican broad-winged	E	$12.00	$265,815.92	99.21%
505	Mountain beaver, Point Arena	E	$12.00	$265,827.92	99.22%
505	Petrel, Hawaiian dark-rumped	E	$12.00	$265,839.92	99.22%
505	Wallflower, Contra Costa	E	$12.00	$265,851.92	99.23%
505	Wallflower, Menzies'	E	$12.00	$265,863.92	99.23%
511	Gourd, Okeechobee	E	$11.50	$265,875.42	99.24%
511	Layia, beach	E	$11.50	$265,886.92	99.24%
511	Paintbrush, Tiburon	E	$11.50	$265,898.42	99.24%
514	Moccasinshell, Coosa	E	$11.20	$265,909.62	99.25%
514	Pigtoe, southern	E	$11.20	$265,920.82	99.25%
516	Shearwater, Newell's Townsend's (formerly Man	T	$11.09	$265,931.91	99.26%
517	Chub, Mohave tui	E	$11.00	$265,942.91	99.26%
517	Darter, bayou	T	$11.00	$265,953.91	99.27%
517	Penstemon, blowout	E	$11.00	$265,964.91	99.27%
517	Salamander, desert slender	E	$11.00	$265,975.91	99.27%
521	Logperch, Conasauga	E	$10.86	$265,986.76	99.28%
522	Beetle, Puritan tiger	T	$10.77	$265,997.53	99.28%
523	Butterfly, bay checkerspot	T	$10.50	$266,008.03	99.29%
523	Springfish, White River	E	$10.50	$266,018.53	99.29%
525	Sedge, Navajo	T	$10.48	$266,029.01	99.29%
526	Phlox, Texas trailing	E	$10.40	$266,039.41	99.30%
527	Monkshood, northern wild	T	$10.35	$266,049.76	99.30%
528	Rice rat (=silver rice rat)	E	$10.16	$266,059.91	99.30%
529	Moth, Kern primrose sphinx	T	$10.07	$266,069.98	99.31%
530	Crayfish, Shasta (=placid)	E	$10.03	$266,080.01	99.31%
531	Barberry, Truckee	E	$10.00	$266,090.01	99.32%
531	Butterfly, Lange's metalmark	E	$10.00	$266,100.01	99.32%
531	Butterfly, lotis blue	E	$10.00	$266,110.01	99.32%
531	Dudleya, Santa Clara Valley	E	$10.00	$266,120.01	99.33%
531	Evening-primrose, Antioch Dunes	E	$10.00	$266,130.01	99.33%
531	Fiddleneck, Large-flowered	E	$10.00	$266,140.01	99.33%
531	Jewelflower, Metcalf Canyon	E	$10.00	$266,150.01	99.34%
531	Jewelflower, Tiburon	E	$10.00	$266,160.01	99.34%
531	Mariposa lily, Tiburon	T	$10.00	$266,170.01	99.35%
531	Meadowrue, Cooley's	E	$10.00	$266,180.01	99.35%
531	Pentachaeta, white-rayed	E	$10.00	$266,190.01	99.35%
531	Rock-cress, McDonald's	E	$10.00	$266,200.01	99.36%
531	Sculpin, pygmy	T	$10.00	$266,210.01	99.36%
531	Silversword, `Ahinahina Mauna Kea	E	$10.00	$266,220.01	99.36%
531	Springfish, Hiko White River	E	$10.00	$266,230.01	99.37%
531	Sucker, Modoc	E	$10.00	$266,240.01	99.37%
531	Sunflower, San Mateo woolly	E	$10.00	$266,250.01	99.38%
531	Thistle, Loch Lomond coyote	E	$10.00	$266,260.01	99.38%
531	Thornmint, San Mateo	E	$10.00	$266,270.01	99.38%
531	Trout, Paiute cutthroat	T	$10.00	$266,280.01	99.39%
551	Combshell, upland	E	$9.80	$266,289.81	99.39%
551	Neraudia angulata (=Sci name)	E	$9.80	$266,299.61	99.39%
551	Riffleshell, tan	E	$9.80	$266,309.41	99.40%
554	Trillium, relict	E	$9.64	$266,319.06	99.40%
555	Pearlymussel, birdwing	E	$9.60	$266,328.66	99.41%
556	Pigtoe, dark	E	$9.56	$266,338.21	99.41%
557	Shiner, blue	T	$9.30	$266,347.51	99.41%
558	Bladderpod, kodachrome	E	$9.16	$266,356.67	99.42%
558	Cactus, San Rafael	E	$9.16	$266,365.83	99.42%
560	Abutilon sandwicense (=Sci name)	E	$9.00	$266,374.83	99.42%
560	Spinedace, Big Spring	T	$9.00	$266,383.83	99.43%
562	Wild-buckwheat, clay-loving	E	$8.74	$266,392.57	99.43%
563	Cactus, bunched cory	T	$8.70	$266,401.27	99.43%
563	Sanicula mariversa (=Sci name)	E	$8.70	$266,409.97	99.44%
565	Shrimp, Squirrel Chimney Cave (=Florida cave)	T	$8.61	$266,418.58	99.44%
566	Silversword, Ka`u	E	$8.60	$266,427.18	99.44%
567	Gecko, Monito	E	$8.50	$266,435.68	99.45%

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RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
567	Poolfish, Pahrump	E	$8.50	$266,444.18	99.45%
567	Uhiuhi	E	$8.50	$266,452.68	99.45%
570	Isopod, Socorro	E	$8.37	$266,461.05	99.45%
570	Springsnail, Alamosa	E	$8.37	$266,469.42	99.46%
570	Springsnail, Socorro	E	$8.37	$266,477.79	99.46%
573	Aster, Ruth's golden	E	$8.30	$266,486.09	99.46%
573	Na`ena`e		$8.30	$266,494.39	99.47%
575	Pigtoe, rough	E	$8.26	$266,502.65	99.47%
576	Acornshell, southern	E	$8.20	$266,510.85	99.47%
576	Tetramolopium filiforme (=Sci name)	E	$8.20	$266,519.05	99.48%
578	Pearlymussel, little-wing	E	$8.19	$266,527.25	99.48%
579	Milk-vetch, heliotrope	T	$8.16	$266,535.40	99.48%
580	Alani (Melicope lydgatei = Sci name)	E	$8.00	$266,543.40	99.49%
580	Beauty, Harper's	E	$8.00	$266,551.40	99.49%
580	Birch, Virginia round-leaf	T	$8.00	$266,559.40	99.49%
580	Dace, Clover Valley speckled	E	$8.00	$266,567.40	99.49%
580	Dace, Independence Valley speckled	E	$8.00	$266,575.40	99.50%
580	Hawk, Puerto Rican sharp-shinned	E	$8.00	$266,583.40	99.50%
580	Pupfish, Comanche Springs	E	$8.00	$266,591.40	99.50%
587	Vole, Florida salt marsh	E	$7.85	$266,599.25	99.51%
588	Bladderpod, Missouri	E	$7.80	$266,607.05	99.51%
588	Hedyotis parvula (=Sci name)	E	$7.80	$266,614.85	99.51%
588	Kulu`i	E	$7.80	$266,622.65	99.51%
591	Pearlymussel, Cumberland monkeyface	E	$7.60	$266,630.25	99.52%
592	Harperella	E	$7.55	$266,637.80	99.52%
593	Darter, goldline	T	$7.50	$266,645.30	99.52%
593	Kamakahala	E	$7.50	$266,652.80	99.53%
595	Mussel, ring pink (=golf stick pearly)	E	$7.30	$266,660.10	99.53%
596	Turtle, ringed map (=sawback)	T	$7.23	$266,667.34	99.53%
597	Amphianthus, little	T	$7.23	$266,674.57	99.53%
598	Trillium, persistent	E	$7.20	$266,681.77	99.54%
599	Chub, Yaqui	E	$7.16	$266,688.93	99.54%
600	Toad, Puerto Rican crested	T	$7.04	$266,695.97	99.54%
601	Auerodendron pauciflorum (=Sci name)	E	$7.00	$266,702.97	99.54%
601	Birds-in-a-nest, white	T	$7.00	$266,709.97	99.55%
601	Boa, Virgin Islands tree	E	$7.00	$266,716.97	99.55%
601	Calyptranthes thomasiana (=Sci name)	E	$7.00	$266,723.97	99.55%
601	Cyanea superba (=Sci name)	E	$7.00	$266,730.97	99.56%
601	Daphnopsis hellerana (=Sci name)	E	$7.00	$266,737.97	99.56%
601	Iguana, Mona ground	T	$7.00	$266,744.97	99.56%
601	Ihi`ihi	E	$7.00	$266,751.97	99.56%
601	Palo de Nigua	E	$7.00	$266,758.97	99.57%
601	Pamakani (Viola chamissoniana ssp. chamissoniana =	E	$7.00	$266,765.97	99.57%
601	Panicgrass, Carter's	E	$7.00	$266,772.97	99.57%
601	Pauoa	E	$7.00	$266,779.97	99.57%
601	Pteris lidgatei (=Sci name)	E	$7.00	$266,786.97	99.58%
601	Skullcap, Florida	T	$7.00	$266,793.97	99.58%
601	Vetch, Hawaiian	E	$7.00	$266,800.97	99.58%
616	Madtom, Smoky	E	$6.90	$266,807.87	99.58%
617	Koki`o (=hau-hele`ula or Hawaii tree cotton)	E	$6.80	$266,814.67	99.59%
617	Milk-vetch, Sentry	E	$6.80	$266,821.47	99.59%
619	Snail, Iowa Pleistocene	E	$6.77	$266,828.23	99.59%
620	Prairie-clover, leafy	E	$6.77	$266,835.00	99.59%
621	Haha (Cyanea shipmannii= Sci name)	E	$6.70	$266,841.70	99.60%
621	Sand-verbena, large-fruited	E	$6.70	$266,848.40	99.60%
623	Darter, duskytail	E	$6.60	$266,855.00	99.60%
623	Delissea rhytidosperma (=Sci name)	E	$6.60	$266,861.60	99.60%
625	Daisy, Maguire	E	$6.56	$266,868.16	99.61%
626	`Aiakeakua, popolo	E	$6.50	$266,874.66	99.61%
626	Alsinidendron obovatum (=Sci name)	E	$6.50	$266,881.16	99.61%
626	Haha (Cyanea grimesiana spp. obatae = Sci name)	E	$6.50	$266,887.66	99.61%
626	Pupfish, Ash Meadows Amargosa	E	$6.50	$266,894.16	99.62%
626	Stenogyne kanehoana (=Sci name)	E	$6.50	$266,900.66	99.62%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	PERCENT
626	Torreya, Florida	E	$6.50	$266,907.16	99.62%
632	Harvestman, Bone Cave	E	$6.40	$266,913.56	99.62%
632	Spiraea, Virginia	T	$6.40	$266,919.96	99.63%
634	Fatmucket, Arkansas	T	$6.35	$266,926.31	99.63%
634	Geocarpon minimum (=Sci name)	T	$6.35	$266,932.66	99.63%
636	Kokio, Cooke's	E	$6.30	$266,938.96	99.63%
637	Beetle, Kretschmarr Cave mold	E	$6.20	$266,945.16	99.64%
637	Beetle, Tooth Cave ground	E	$6.20	$266,951.36	99.64%
637	Cavefish, Alabama	E	$6.20	$266,957.56	99.64%
637	Gardenia, Hawaiian (na`u)	E	$6.20	$266,963.76	99.64%
637	Harvestman, Bee Creek Cave	E	$6.20	$266,969.96	99.64%
637	Pseudoscorpion, Tooth Cave	E	$6.20	$266,976.16	99.65%
637	Spider, Tooth Cave	E	$6.20	$266,982.36	99.65%
644	`Aiea (Nothocestrum peltatum = Sci name)	E	$6.00	$266,988.36	99.65%
644	`Akoko (Chamaesyce celastroides kaenana = Sci nam	E	$6.00	$266,994.36	99.65%
644	`Akoko (Chamaesyce deppeana = Sci name)	E	$6.00	$267,000.36	99.66%
644	`Akoko, Ewa Plains	E	$6.00	$267,006.36	99.66%
644	Alani (Melicope balloui = Sci name)	E	$6.00	$267,012.36	99.66%
644	Alani (Melicope ovalis = Sci name)	E	$6.00	$267,018.36	99.66%
644	Alani (Melicope pallida =Sci name)	E	$6.00	$267,024.36	99.66%
644	Alsinidendron trinerve (=Sci name)	E	$6.00	$267,030.36	99.67%
644	Amaranthus brownii (=Sci name)	E	$6.00	$267,036.36	99.67%
644	Asplenium fragile var. insulare (=Sci name)	E	$6.00	$267,042.36	99.67%
644	Aupaka	E	$6.00	$267,048.36	99.67%
644	`Awiwi (Hedyotis cookiana = Sci name)	E	$6.00	$267,054.36	99.68%
644	Bat, Hawaiian hoary	E	$6.00	$267,060.36	99.68%
644	Bat, little Mariana fruit	E	$6.00	$267,066.36	99.68%
644	Bidens, cuneate	E	$6.00	$267,072.36	99.68%
644	Bluegrass, Hawaiian	E	$6.00	$267,078.36	99.69%
644	Bluegrass, Mann's	E	$6.00	$267,084.36	99.69%
644	Chaff-flower, round-leaved	E	$6.00	$267,090.36	99.69%
644	Chamaesyce halemanui (=Sci name)	E	$6.00	$267,096.36	99.69%
644	Chumbo, higo	T	$6.00	$267,102.36	99.69%
644	Cyanea macrostegia ssp. gibsonii (=Sci name)	E	$6.00	$267,108.36	99.70%
644	Cyanea undulata (=Sci name)	E	$6.00	$267,114.36	99.70%
644	Diellia falcata (=Sci name)	E	$6.00	$267,120.36	99.70%
644	Diellia pallida (=laciniata) (=Sci name)	E	$6.00	$267,126.36	99.70%
644	Diellia unisora (=Sci name)	E	$6.00	$267,132.36	99.71%
644	Diplazium molokaiense (=Sci name)	E	$6.00	$267,138.36	99.71%
644	Dubautia latifolia (=Sci name)	E	$6.00	$267,144.36	99.71%
644	Dubautia pauciflorula (=Sci name)	E	$6.00	$267,150.36	99.71%
644	Gahnia lanaiensis (=Sci name)	E	$6.00	$267,156.36	99.71%
644	Gouania hillebrandii (=Sci name)	E	$6.00	$267,162.36	99.72%
644	Gouania meyenii (=Sci name)	E	$6.00	$267,168.36	99.72%
644	Gouania vitifolia (=Sci name)	E	$6.00	$267,174.36	99.72%
644	Haha (Cyanea mceldowneyi = Sci name)	E	$6.00	$267,180.36	99.72%
644	Ha`iwale (Cyrtandra giffardii = Sci name)	E	$6.00	$267,186.36	99.73%
644	Ha`iwale (Cyrtandra munroi = Sci name)	E	$6.00	$267,192.36	99.73%
644	Heau	E	$6.00	$267,198.36	99.73%
644	Hedyotis degeneri (=Sci name)	E	$6.00	$267,204.36	99.73%
644	Hedyotis, Na Pali beach	E	$6.00	$267,210.36	99.73%
644	Hesperomannia arbuscula (=Sci name)	E	$6.00	$267,216.36	99.74%
644	Hesperomannia lydgatei (=Sci name)	E	$6.00	$267,222.36	99.74%
644	Hibiscus, Clay's	E	$6.00	$267,228.36	99.74%
644	Iliau, dwarf	E	$6.00	$267,234.36	99.74%
644	Kaulu	E	$6.00	$267,240.36	99.75%
644	Ko`oloa`ula	E	$6.00	$267,246.36	99.75%
644	Lagu, Hyan	E	$6.00	$267,252.36	99.75%
644	Lipochaeta venosa (=Sci name)	E	$6.00	$267,258.36	99.75%
644	Lobelia niihauensis (=Sci name)	E	$6.00	$267,264.36	99.75%
644	Lysimachia filifolia (=Sci name)	E	$6.00	$267,270.36	99.76%
644	Makou	T	$6.00	$267,276.36	99.76%
644	Ma`oli`oli	E	$6.00	$267,282.36	99.76%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
644	Milkpea, Small's	E	$6.00	$267,288.36	99.76%
644	Munroidendron racemosum (=Sci name)	E	$6.00	$267,294.36	99.77%
644	Nehe (Lipochaeta fauriei = Sci name)	E	$6.00	$267,300.36	99.77%
644	Nehe (Lipochaeta kamolensis = Sci name)	E	$6.00	$267,306.36	99.77%
644	Nehe (Lipochaeta micrantha = Sci name)	E	$6.00	$267,312.36	99.77%
644	Nehe (Lipochaeta tenuifolia = Sci name)	E	$6.00	$267,318.36	99.77%
644	Nehe (Lipochaeta waimaeansis = Sci name)	E	$6.00	$267,324.36	99.78%
644	`Olulu	E	$6.00	$267,330.36	99.78%
644	Opuhe	E	$6.00	$267,336.36	99.78%
644	Phacelia, North Park	E	$6.00	$267,342.36	99.78%
644	Phyllostegia glabra var. lanaiensis (=Sci nam	E	$6.00	$267,348.36	99.79%
644	Phyllostegia mollis (=Sci name)	E	$6.00	$267,354.36	99.79%
644	Phyllostegia waimeae (=Sci name)	E	$6.00	$267,360.36	99.79%
644	Poa siphonoglossa (=Sci name)	E	$6.00	$267,366.36	99.79%
644	Pritchardia remota (=Sci name)	E	$6.00	$267,372.36	99.79%
644	Remya kauaiensis (=Sci name)	E	$6.00	$267,378.36	99.80%
644	Remya montgomeryi (=Sci name)	E	$6.00	$267,384.36	99.80%
644	Sandalwood, Lanai or `iliahi	E	$6.00	$267,390.36	99.80%
644	Schiedea kaalae (=Sci name)	E	$6.00	$267,396.36	99.80%
644	Schiedea spergulina var. leiopoda (=Sci name)	E	$6.00	$267,402.36	99.81%
644	Schiedea spergulina var. spergulina (=Sci nam	T	$6.00	$267,408.36	99.81%
644	Schiedea verticillata (=Sci name)	E	$6.00	$267,414.36	99.81%
644	Schiedea, Diamond Head	E	$6.00	$267,420.36	99.81%
644	Silene perlmanii (=Sci name)	E	$6.00	$267,426.36	99.81%
644	Spurge, deltoid	E	$6.00	$267,432.36	99.82%
644	Spurge, Garber's	T	$6.00	$267,438.36	99.82%
644	Stenogyne angustifolia (=Sci name)	E	$6.00	$267,444.36	99.82%
644	Stenogyne campanulata (=Sci name)	E	$6.00	$267,450.36	99.82%
644	Tetramolopium lepidotum ssp. lepidotum (=Sci	E	$6.00	$267,456.36	99.83%
644	Tetramolopium remyi (=Sci name)	E	$6.00	$267,462.36	99.83%
644	Viola helenae (=Sci name)	E	$6.00	$267,468.36	99.83%
644	Viola lanaiensis (=Sci name)	E	$6.00	$267,474.36	99.83%
644	Wahane (=Hawane or loulu)	E	$6.00	$267,480.36	99.84%
644	Xylosma crenatum (=Sci name)	E	$6.00	$267,486.36	99.84%
728	Beetle, Coffin Cave mold	E	$5.80	$267,492.16	99.84%
728	Pearlymussel, white cat's paw	E	$5.80	$267,497.96	99.84%
730	Monkey-flower, Michigan	E	$5.70	$267,503.66	99.84%
731	Dace, Kendall Warm Springs	E	$5.60	$267,509.26	99.85%
731	Poppy-mallow, Texas	E	$5.60	$267,514.86	99.85%
733	Pennyroyal, Todsen's	E	$5.50	$267,520.36	99.85%
733	Quillwort, Louisiana	E	$5.50	$267,525.86	99.85%
733	Shiner, Cahaba	E	$5.50	$267,531.36	99.85%
733	Squirrel, Delmarva Peninsula fox	E	$5.50	$267,536.86	99.86%
737	Reed-mustard, Barneby	E	$5.36	$267,542.21	99.86%
738	Crayfish, cave [no common name; Cambarus zophona	E	$5.35	$267,547.56	99.86%
739	Cactus, Cochise pincushion	T	$5.16	$267,552.72	99.86%
740	Darter, snail	T	$5.10	$267,557.82	99.86%
741	Blazingstar, Ash Meadows	T	$5.00	$267,562.82	99.87%
741	Buckwheat, steamboat	E	$5.00	$267,567.82	99.87%
741	Eugenia woodburyana (=Sci name)	E	$5.00	$267,572.82	99.87%
741	Gesneria pauciflora (=Sci name)	T	$5.00	$267,577.82	99.87%
741	Gumplant, Ash Meadows	T	$5.00	$267,582.82	99.87%
741	Milk-vetch, Ash meadows	T	$5.00	$267,587.82	99.88%
741	Milk-vetch, Osterhout	E	$5.00	$267,592.82	99.88%
741	Mustard, Penland alpine fen	T	$5.00	$267,597.82	99.88%
741	Niterwort, Amargosa	E	$5.00	$267,602.82	99.88%
741	Pawpaw, four-petal	E	$5.00	$267,607.82	99.88%
741	Pupfish, Warm Springs	E	$5.00	$267,612.82	99.88%
741	Salamander, Red Hills	T	$5.00	$267,617.82	99.89%
741	Spurge, telephus	T	$5.00	$267,622.82	99.89%
754	Pearlymussel, Cumberland bean	E	$4.90	$267,627.72	99.89%
755	Pitcher-plant, green	E	$4.80	$267,632.52	99.89%
756	Buttercup, autumn	E	$4.76	$267,637.28	99.89%

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RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
756	Phacelia, clay	E	$4.76	$267,642.04	99.90%
758	Cress, toad-flax	E	$4.56	$267,646.59	99.90%
758	Primrose, Maguire	T	$4.56	$267,651.15	99.90%
758	Reed-mustard, clay	T	$4.56	$267,655.71	99.90%
758	Ridge-cress (=pepper-cress), Barneby	E	$4.56	$267,660.27	99.90%
762	Cactus, star	E	$4.50	$267,664.77	99.90%
762	Heartleaf, dwarf-flowered	T	$4.50	$267,669.27	99.91%
764	Pigtoe, fine-rayed	E	$4.27	$267,673.53	99.91%
765	Nightjar, Puerto Rican	E	$4.04	$267,677.58	99.91%
766	Aristida chaseae (=Sci name)	E	$4.00	$267,681.58	99.91%
766	Bladderpod, Dudley Bluffs	T	$4.00	$267,685.58	99.91%
766	Boxwood, Vahl's	E	$4.00	$267,689.58	99.91%
766	Butterwort, Godfrey's	T	$4.00	$267,693.58	99.91%
766	Cactus, black lace	E	$4.00	$267,697.58	99.92%
766	Chamaecrista glandulosa var. mirabilis (=Sci	E	$4.00	$267,701.58	99.92%
766	Coqui, golden	T	$4.00	$267,705.58	99.92%
766	Cranichis ricartii (=Sci name)	E	$4.00	$267,709.58	99.92%
766	Goetzea, beautiful (matabuey)	E	$4.00	$267,713.58	99.92%
766	Higuero de Sierra	E	$4.00	$267,717.58	99.92%
766	Manaca, palma de	T	$4.00	$267,721.58	99.93%
766	Pelos del diablo	E	$4.00	$267,725.58	99.93%
766	Twinpod, Dudley Bluffs	T	$4.00	$267,729.58	99.93%
779	Pearlymussel, Curtis'	E	$3.89	$267,733.47	99.93%
780	Wild-buckwheat, gypsum	T	$3.80	$267,737.27	99.93%
781	Cactus, Kuenzler hedgehog	E	$3.60	$267,740.87	99.93%
781	Capa rosa	E	$3.60	$267,744.47	99.93%
783	Avens, spreading	E	$3.53	$267,748.00	99.93%
784	Chub, slender	T	$3.50	$267,751.50	99.94%
784	Locoweed, Fassett's	T	$3.50	$267,755.00	99.94%
786	Agave, Arizona	E	$3.41	$267,758.41	99.94%
787	Snake, Concho water	T	$3.40	$267,761.81	99.94%
788	Lampmussel, Alabama (=Pearly mussel, Alabama	E	$3.30	$267,765.11	99.94%
789	Pigtoe, shiny	E	$3.26	$267,768.37	99.94%
790	Bat, Mexican long-nosed	E	$3.20	$267,771.57	99.94%
791	Pearlymussel, cracking	E	$3.10	$267,774.67	99.94%
792	Mouse, Key Largo cotton	E	$3.08	$267,777.75	99.95%
793	Pitcher-plant, mountain sweet	E	$3.07	$267,780.82	99.95%
794	Arrowhead, bunched	E	$3.00	$267,783.82	99.95%
794	Blue-star, Kearney's	E	$3.00	$267,786.82	99.95%
794	Fern, Aleutian shield	E	$3.00	$267,789.82	99.95%
794	Groundsel, San Francisco Peaks	T	$3.00	$267,792.82	99.95%
794	Rabbit, Lower Keys	E	$3.00	$267,795.82	99.95%
794	Snail, Chittenango ovate amber	T	$3.00	$267,798.82	99.95%
794	Ternstroemia subsessilis (=Sci name)	E	$3.00	$267,801.82	99.96%
794	Thistle, Sacramento Mountains	T	$3.00	$267,804.82	99.96%
802	Campion, fringed	E	$2.70	$267,807.52	99.96%
803	Goldenrod, white-haired	T	$2.60	$267,810.12	99.96%
803	Ground-plum, Guthrie's	E	$2.60	$267,812.72	99.96%
805	Crayfish, Nashville	E	$2.50	$267,815.22	99.96%
805	Darter, Etowah	E	$2.50	$267,817.72	99.96%
805	Sandwort, Cumberland	E	$2.50	$267,820.22	99.96%
808	Pearlymussel, green-blossom	E	$2.40	$267,822.62	99.96%
808	Pearlymussel, pale lilliput	E	$2.40	$267,825.02	99.96%
810	Pearlymussel, dromedary	E	$2.30	$267,827.32	99.96%
811	Rattleweed, hairy	E	$2.21	$267,829.53	99.97%
812	Madtom, Scioto	E	$2.20	$267,831.73	99.97%
812	Quillwort, black spored	E	$2.20	$267,833.93	99.97%
814	Aster, decurrent false	T	$2.19	$267,836.12	99.97%
815	Joint-vetch, sensitive	T	$2.17	$267,838.28	99.97%
816	Ziziphus, florida	E	$2.10	$267,840.38	99.97%
817	Fern, American hart's-tongue	T	$2.05	$267,842.43	99.97%
818	Anole, Culebra Island giant	E	$2.00	$267,844.43	99.97%
818	Blazingstar, Heller's	T	$2.00	$267,846.43	99.97%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
818	Boa, Mona	T	$2.00	$267,848.43	99.97%
818	Fleabane, Rhizome	T	$2.00	$267,850.43	99.97%
818	Gooseberry, Miccosukee (Florida)	T	$2.00	$267,852.43	99.97%
818	Holly, Cook's	E	$2.00	$267,854.43	99.97%
818	Ilex sintenisii (=Sci name)	E	$2.00	$267,856.43	99.98%
818	Lizard, St. Croix ground	E	$2.00	$267,858.43	99.98%
818	Palo de Ramon	E	$2.00	$267,860.43	99.98%
818	Rhododendron, Chapman	E	$2.00	$267,862.43	99.98%
818	Snail, Stock Island tree	T	$2.00	$267,864.43	99.98%
818	Snail, Virginia fringed mountain	E	$2.00	$267,866.43	99.98%
818	Snowbells, Texas	E	$2.00	$267,868.43	99.98%
818	Uvillo	E	$2.00	$267,870.43	99.98%
818	Whitlow-wort, papery	T	$2.00	$267,872.43	99.98%
833	Lily, Minnesota trout	E	$1.96	$267,874.40	99.98%
834	Pigtoe, Cumberland (=Cumberland pigtoe mussel	E	$1.90	$267,876.30	99.98%
835	Button, Mohr's Barbara	T	$1.87	$267,878.16	99.98%
836	Crayfish, cave [no common name; Cambarus acularbr	E	$1.85	$267,880.01	99.98%
837	Roseroot, Leedy's	T	$1.77	$267,881.78	99.98%
838	Quillwort, mat-forming	E	$1.70	$267,883.48	99.99%
838	Water-plantain, Kral's	T	$1.70	$267,885.18	99.99%
840	Pearlymussel, turgid-blossom	E	$1.65	$267,886.83	99.99%
841	Darter, bluemask (=jewel)	E	$1.60	$267,888.43	99.99%
841	Pearlymussel, yellow-blossom	E	$1.60	$267,890.03	99.99%
843	Warbler, Bachman's	E	$1.45	$267,891.48	99.99%
844	Madtom, pygmy	E	$1.40	$267,892.88	99.99%
845	Pocketbook, speckled	E	$1.35	$267,894.23	99.99%
846	Rosemary, Cumberland	T	$1.30	$267,895.53	99.99%
847	Pearlymussel, Appalachian monkeyface	E	$1.20	$267,896.73	99.99%
847	Pearlymussel, white wartyback	E	$1.20	$267,897.93	99.99%
849	Beaked-rush, Knieskern's	T	$1.10	$267,899.03	99.99%
849	Lepanthes eltoroensis (=Sci name)	E	$1.10	$267,900.13	99.99%
849	Palo colorado	E	$1.10	$267,901.23	99.99%
849	Palo de jazmin	E	$1.10	$267,902.33	99.99%
849	Pearlymussel, tubercled-blossom	E	$1.10	$267,903.43	99.99%
854	Cinquefoil, Robbins'	E	$1.00	$267,904.43	99.99%
854	Marstonia (snail), royal (=obese)	E	$1.00	$267,905.43	99.99%
854	Mint, Lakela's	E	$1.00	$267,906.43	99.99%
854	Pinkroot, gentian	E	$1.00	$267,907.43	99.99%
854	Rosemary, Apalachicola	E	$1.00	$267,908.43	99.99%
854	Skipper, Pawnee montane	T	$1.00	$267,909.43	100.00%
854	Turtle, Plymouth redbelly (=red-bellied)	E	$1.00	$267,910.43	100.00%
861	Lichen, rock gnome	E	$0.80	$267,911.23	100.00%
861	Water-willow, Cooley's	E	$0.80	$267,912.03	100.00%
863	Darter, relict	E	$0.70	$267,912.73	100.00%
863	Rock-cress, shale barren	E	$0.70	$267,913.43	100.00%
865	Mallow, Peter's Mountain	E	$0.67	$267,914.10	100.00%
866	Beetle, Hungerford's crawling water	E	$0.50	$267,914.60	100.00%
866	Cactus, Lloyd's hedgehog	E	$0.50	$267,915.10	100.00%
866	Isopod, Lee County cave	E	$0.50	$267,915.60	100.00%
866	Isopod, Madison Cave	T	$0.50	$267,916.10	100.00%
866	Salamander, Shenandoah	E	$0.50	$267,916.60	100.00%
871	Snail, flat-spired three-toothed	T	$0.44	$267,917.04	100.00%
872	Cactus, Chisos Mtn. hedgehog	T	$0.40	$267,917.44	100.00%
872	Coneflower, Tennessee purple	E	$0.40	$267,917.84	100.00%
872	Goldenrod, Short's	E	$0.40	$267,918.24	100.00%
872	Oak, Hinckley	T	$0.40	$267,918.64	100.00%
876	Curlew, Eskimo	E	$0.38	$267,919.03	100.00%
877	Shagreen, Magazine Mountain	T	$0.35	$267,919.38	100.00%
878	Fern, Alabama streak-sorus	T	$0.30	$267,919.68	100.00%
878	Rock-cress	E	$0.30	$267,919.98	100.00%
880	Goldenrod, Blue Ridge	T	$0.26	$267,920.23	100.00%
881	Cactus, Lloyd's Mariposa	T	$0.20	$267,920.43	100.00%
881	Clubshell, black (=Curtus' mussel)	E	$0.20	$267,920.63	100.00%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
881	Combshell, southern (=penitent mussel)	E	$0.20	$267,920.83	100.00%
881	Milk-vetch, Jesup's	E	$0.20	$267,921.03	100.00%
881	Pigtoe, flat (=Marshall's mussel)	E	$0.20	$267,921.23	100.00%
881	Pigtoe, heavy (=Judge Tait's mussel)	E	$0.20	$267,921.43	100.00%
887	Leather flower, Morefield's	E	$0.17	$267,921.60	100.00%
888	Snail, noonday	T	$0.12	$267,921.71	100.00%
889	Bluet, Roan Mountain	E	$0.10	$267,921.81	100.00%
889	Cougar, eastern	E	$0.10	$267,921.91	100.00%
889	Irisette, white	E	$0.10	$267,922.01	100.00%
889	Leather flower, Alabama	E	$0.10	$267,922.11	100.00%
889	Spider, spruce-fir moss	E	$0.10	$267,922.21	100.00%
894	Adiantum vivesii (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Amphipod, Hay's Spring	E	$0.00	$267,922.21	100.00%
894	Aster, Florida golden	E	$0.00	$267,922.21	100.00%
894	Bariaco	E	$0.00	$267,922.21	100.00%
894	Beardtongue, Penland	E	$0.00	$267,922.21	100.00%
894	Beargrass, Britton's	E	$0.00	$267,922.21	100.00%
894	Bellflower, Brooksville	E	$0.00	$267,922.21	100.00%
894	Bittercress, small-anthered	E	$0.00	$267,922.21	100.00%
894	Blazingstar, scrub	E	$0.00	$267,922.21	100.00%
894	Bonamia, Florida	T	$0.00	$267,922.21	100.00%
894	Buckwheat, scrub	T	$0.00	$267,922.21	100.00%
894	Cactus, Key tree	E	$0.00	$267,922.21	100.00%
894	Cactus, Nellie cory	E	$0.00	$267,922.21	100.00%
894	Cat's-eye, Terlingua Creek	E	$0.00	$267,922.21	100.00%
894	Chupacallos (=Chupagallo)	E	$0.00	$267,922.21	100.00%
894	Crow, white-necked	E	$0.00	$267,922.21	100.00%
894	Darter, Maryland	E	$0.00	$267,922.21	100.00%
894	Elaphoglossum serpens (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Erubia	E	$0.00	$267,922.21	100.00%
894	Fern, Elfin tree	E	$0.00	$267,922.21	100.00%
894	Gambusia, Clear Creek	E	$0.00	$267,922.21	100.00%
894	Harebells, Avon Park	E	$0.00	$267,922.21	100.00%
894	Heather, mountain golden	T	$0.00	$267,922.21	100.00%
894	Hypericum, highlands scrub	E	$0.00	$267,922.21	100.00%
894	Ivesia, Ash Meadows	T	$0.00	$267,922.21	100.00%
894	Jacquemontia, beach	E	$0.00	$267,922.21	100.00%
894	Lead-plant, Crenulate	E	$0.00	$267,922.21	100.00%
894	Leptocereus grantianus (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Lousewort, Furbish	E	$0.00	$267,922.21	100.00%
894	Lupine, scrub	E	$0.00	$267,922.21	100.00%
894	Lyonia truncata var. proctorii (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Mint, Garrett's (=scrub, in part)	E	$0.00	$267,922.21	100.00%
894	Mint, longspurred	E	$0.00	$267,922.21	100.00%
894	Mint, scrub	E	$0.00	$267,922.21	100.00%
894	Mitracarpus maxwelliae (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Mitracarpus polycladus (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Mustard, Carter's	E	$0.00	$267,922.21	100.00%
894	Myrcia paganii (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Negra, cobana	T	$0.00	$267,922.21	100.00%
894	Pawpaw, beautiful	E	$0.00	$267,922.21	100.00%
894	Pawpaw, Rugel's	E	$0.00	$267,922.21	100.00%
894	Peperomia, Wheeler's	E	$0.00	$267,922.21	100.00%
894	Pitaya, Davis' green	E	$0.00	$267,922.21	100.00%
894	Plum, scrub	E	$0.00	$267,922.21	100.00%
894	Polygala, Lewton's	E	$0.00	$267,922.21	100.00%
894	Polygala, tiny	E	$0.00	$267,922.21	100.00%
894	Polystichum calderonense (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Pondweed, Little Aguja Creek	E	$0.00	$267,922.21	100.00%
894	Prickly-apple, fragrant	E	$0.00	$267,922.21	100.00%
894	Rosa, palo de	E	$0.00	$267,922.21	100.00%
894	Rosemary, Etonia	E	$0.00	$267,922.21	100.00%
894	Rosemary, short-leaved	E	$0.00	$267,922.21	100.00%

TABLE 2. SPECIES RANKED IN DESCENDING ORDER OF TOTAL FY 1996 REPORTED EXPENDITURES ($000)

RANK	SPECIES (50 CFR Part 17)	STATUS	SPECIES TOTAL ($000)	CUMULATIVE TOTAL	CUMULATIVE PERCENT
894	Sandlace	E	$0.00	$267,922.21	100.00%
894	Schoepfia arenaria (=Sci name)	T	$0.00	$267,922.21	100.00%
894	Seal, Caribbean monk	E	$0.00	$267,922.21	100.00%
894	Shrimp, Kentucky cave	E	$0.00	$267,922.21	100.00%
894	Snail, painted snake coiled forest	T	$0.00	$267,922.21	100.00%
894	Snakeroot	E	$0.00	$267,922.21	100.00%
894	Snake, Atlantic salt marsh	T	$0.00	$267,922.21	100.00%
894	Sunray, Ash Meadows	T	$0.00	$267,922.21	100.00%
894	Tectaria estremerana (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Thelypteris inabonensis (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Thelypteris verecunda (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Thelypteris yaucoensis (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Tree, pygmy fringe	E	$0.00	$267,922.21	100.00%
894	Vernonia proctorii (=Sci name)	E	$0.00	$267,922.21	100.00%
894	Warea, wide-leaf	E	$0.00	$267,922.21	100.00%
894	Wings, Pigeon	T	$0.00	$267,922.21	100.00%
894	Wireweed	E	$0.00	$267,922.21	100.00%
894	Woodpecker, ivory-billed	E	$0.00	$267,922.21	100.00%
894	Woodrat, Key Largo	E	$0.00	$267,922.21	100.00%

Table 3.

Species with Reported Expenditures for Land Acquisition.

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 1996 are included here.

TABLE 3. REPORTED LAND ACQUISITION EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES.

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
64	Bat, gray	E	$0.00	$0.00	$0.00	$100.00	$100.00
75	Bat, Indiana	E	$0.00	$0.00	$0.00	$100.00	$100.00
141	Bat, Ozark big-eared	E	$29.40	$0.00	$29.40	$0.00	$29.40
15	Bear, grizzly	T	$0.00	$0.00	$0.00	$85.38	$85.38
106	Deer, Columbian white-tailed	E	$141.00	$0.00	$141.00	$0.00	$141.00
54	Fox, San Joaquin kit	E	$0.00	$400.00	$400.00	$0.00	$400.00
113	Kangaroo rat, giant	E	$0.00	$390.00	$390.00	$0.00	$390.00
26	Manatee, West Indian (=Florida)	E	$275.00	$0.00	$275.00	$0.00	$275.00
111	Mouse, salt marsh harvest	E	$0.00	$50.00	$50.00	$0.00	$50.00
14	Wolf, gray	T, E	$0.00	$0.00	$0.00	$34.00	$34.00
422	Bobwhite, masked (quail)	E	$93.70	$0.00	$93.70	$0.00	$93.70
10	Eagle, bald	T	$278.00	$0.00	$278.00	$232.50	$510.50
27	Falcon, American peregrine	E	$277.50	$0.00	$277.50	$0.00	$277.50
13	Flycatcher, southwestern willow	E	$10.00	$0.00	$10.00	$2,325.00	$2,335.00
193	Goose, Aleutian Canada	T	$3,800.00	$0.00	$3,800.00	$0.00	$3,800.00
47	Jay, Florida scrub	T	$29.00	$0.00	$29.00	$0.00	$29.00
6	Murrelet, marbled	T	$0.00	$9.00	$9.00	$0.00	$9.00
4	Owl, northern spotted	T	$0.00	$9.00	$9.00	$0.00	$9.00
149	Rail, light-footed clapper	E	$9.00	$0.00	$9.00	$0.00	$9.00
163	Rail, Yuma clapper	E	$0.00	$0.00	$0.00	$42.50	$42.50
89	Stork, wood	E	$275.00	$0.00	$275.00	$0.00	$275.00
51	Vireo, black-capped	E	$358.80	$0.00	$358.80	$0.00	$358.80
30	Vireo, least Bell's	E	$1.50	$0.00	$1.50	$0.00	$1.50
41	Warbler, golden-cheeked	E	$1,107.90	$0.00	$1,107.90	$0.00	$1,107.90
99	Lizard, blunt-nosed leopard	E	$0.00	$397.50	$397.50	$0.00	$397.50
469	Skink, bluetail mole	T	$29.00	$0.00	$29.00	$0.00	$29.00
469	Skink, sand	T	$29.00	$0.00	$29.00	$0.00	$29.00
145	Snake, eastern indigo	T	$29.00	$0.00	$29.00	$0.00	$29.00
9	Tortoise, desert	T	$0.00	$38.40	$38.40	$0.00	$38.40
20	Turtle, green sea	E, T	$310.60	$0.00	$310.60	$0.00	$310.60
45	Turtle, hawksbill sea (=carey)	E	$310.60	$0.00	$310.60	$0.00	$310.60
38	Turtle, Kemp's ridley sea	E	$275.00	$0.00	$275.00	$0.00	$275.00
49	Turtle, leatherback sea	E	$35.60	$0.00	$35.60	$0.00	$35.60
19	Turtle, loggerhead sea	T	$310.60	$0.00	$310.60	$0.00	$310.60
165	Catfish, Yaqui	T	$0.00	$0.00	$0.00	$44.40	$44.40
37	Cui-ui	E	$2,100.00	$0.00	$2,100.00	$0.00	$2,100.00
213	Dace, Ash Meadows speckled	E	$7.00	$0.00	$7.00	$0.00	$7.00
249	Darter, Niangua	T	$0.00	$0.00	$0.00	$22.00	$22.00
626	Pupfish, Ash Meadows Amargosa	E	$7.00	$0.00	$7.00	$0.00	$7.00
188	Pupfish, desert	E	$0.00	$0.00	$0.00	$44.40	$44.40
318	Shiner, beautiful	T	$0.00	$0.00	$0.00	$44.40	$44.40
108	Spikedace	T	$0.00	$0.00	$0.00	$232.50	$232.50
212	Spinedace, Little Colorado	T	$0.00	$0.00	$0.00	$0.20	$0.20
7	Sucker, razorback	E	$0.00	$0.50	$0.50	$232.50	$233.00
77	Topminnow, Gila (incl. Yaqui)	E	$0.00	$0.00	$0.00	$44.40	$44.40
117	Trout, Apache (=Arizona)	T	$0.00	$0.00	$0.00	$245.00	$245.00
61	Trout, Lahontan cutthroat	T	$0.00	$105.00	$105.00	$0.00	$105.00
170	Beetle, valley elderberry longhorn	T	$0.00	$27.10	$27.10	$0.00	$27.10
93	Fly, Delhi Sands flower-loving	E	$0.00	$3.80	$3.80	$0.00	$3.80
213	Naucorid, Ash Meadows	T	$7.00	$0.00	$7.00	$0.00	$7.00
530	Crayfish, Shasta (=placid)	E	$0.00	$1.50	$1.50	$0.00	$1.50
494	Ayenia, Texas	E	$29.00	$0.00	$29.00	$0.00	$29.00
894	Blazingstar, scrub	E	$7.00	$0.00	$7.00	$0.00	$7.00
894	Bonamia, Florida	T	$29.00	$0.00	$29.00	$0.00	$29.00
756	Buttercup, autumn	E	$29.00	$0.00	$29.00	$0.00	$29.00
762	Cactus, star	E	$7.00	$0.00	$7.00	$0.00	$7.00
644	Dubautia pauciflorula (=Sci name)	E	$7.00	$0.00	$7.00	$0.00	$7.00
418	Dwarf-flax, Marin	T	$0.00	$297.00	$297.00	$0.00	$297.00
762	Heartleaf, dwarf-flowered	T	$0.00	$0.00	$0.00	$325.00	$325.00
308	Iris, dwarf lake	T	$29.00	$0.00	$29.00	$348.00	$377.00
160	Jewelflower, California	E	$0.00	$390.00	$390.00	$0.00	$390.00
644	Kaulu	E	$29.00	$0.00	$29.00	$0.00	$29.00
332	ko`oko`olau (=Bidens micrantha ssp. kalealaha)	E	$29.00	$0.00	$29.00	$0.00	$29.00

TABLE 3. REPORTED LAND ACQUISITION EXPENDITURES ($000) FOR FY 1996 FOR ENDANGERED AND THREATENED SPECIES.

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
644	Lobelia niihauensis (=Sci name)	E	$29.00	$0.00	$29.00	$0.00	$29.00
120	Loosestrife, rough-leaved	E	$29.00	$0.00	$29.00	$0.00	$29.00
204	Mallow, Kern	E	$29.00	$0.00	$29.00	$0.00	$29.00
644	Milkpea, Small's	E	$7.00	$0.00	$7.00	$0.00	$7.00
332	Mustard, slender-petaled	E	$29.00	$0.00	$29.00	$0.00	$29.00
644	Nehe (=Lipochaeta tenuifola)	E	$29.00	$0.00	$29.00	$0.00	$29.00
323	Nioi	E	$29.00	$0.00	$29.00	$0.00	$29.00
332	`Ohe`ohe	E	$29.00	$0.00	$29.00	$0.00	$29.00
332	Pamakani (=Tetramolopium capillare)	E	$29.00	$0.00	$29.00	$0.00	$29.00
526	Phlox, Texas trailing	E	$29.00	$0.00	$29.00	$0.00	$29.00
644	Phyllostegia mollis (=Sci name)	E	$29.00	$0.00	$29.00	$0.00	$29.00
644	Schiedea spergulina var. leiopoda (=Sci name)	E	$29.00	$0.00	$29.00	$0.00	$29.00
332	Silene alexandri (=Sci name)	E	$7.00	$0.00	$7.00	$0.00	$7.00
566	Silversword, Ka`u	E	$29.00	$0.00	$29.00	$0.00	$29.00
632	Spiraea, Virginia	T	$29.00	$0.00	$29.00	$0.00	$29.00
598	Trillium, persistent	E	$29.00	$0.00	$29.00	$0.00	$29.00
158	Woolly-star, Hoover's	T	$0.00	$390.00	$390.00	$0.00	$390.00
142	Woolly-star, Santa Ana River	E	$0.00	$0.30	$0.30	$0.00	$0.30
410	Cladonia, Florida perforate	E	$29.00	$0.00	$29.00	$0.00	$29.00
	TOTALS	**No. Species:** 82	$10,780.20	$2,509.10	$13,289.30	$4,502.18	$17,791.48

Appendix 1. Reports by other Federal Agencies.

LIST OF REPORTING AGENCIES:

Department of Agriculture
- Animal and Plant Health Inspection Service
- Forest Service
- Natural Resources Conservation Service

Department of Commerce
- National Oceanic and Atmospheric Administration

Department of Defense
- Office of the Under Secretary
- Army Corps of Engineers

Department of Energy
- Bonneville Power Administration

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

Department of Transportation
- Federal Aviation Administration
- Federal Highway Administration

Department of the Treasury
- Customs Service*

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

*--indicates Agency with no reasonably identifiable expenditures

USDA

United States Department of Agriculture

Marketing and Regulatory Programs

Animal and Plant Health Inspection Service

4700 River Road
Riverdale, MD 20737

October 16, 1997

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

Dear Ms. Clark:

Enclosed is the Animal and Plant Health Inspection Service's (APHIS) report on the Fiscal Year 1996 expenditures related to the conservation of endangered and threatened species under the Endangered Species Act.

Enclosure 1 is the list of expenditures that APHIS has identified for particular species. In addition, APHIS has enclosed a total of expenditures that could not be identified for specific species (Enclosure 2).

Should you have any questions concerning this data, please contact Nancy Sweeney, Policy and Program Development, Environmental Analysis and Documentation at 301-734-8565.

Sincerely,

for Terry L. Medley
Administrator

Enclosures

ENDANGERED AND THREATENED SPECIES EXPENDITURES BY SPECIES (WILDLIFE SERVICES)

Moorhen, Hawaiian	11,827
Mouse, Perdido Key beach	2,986
Mouse, salt-marsh harvest	16,387
Mussel, pearly shell	332
Neraudia angulata	1,800
Notorichium humile	1,800
Parrotbill, Maui	2,359
Pearlshell, Louisiana	5,012
Pelican, brown	3,597
Plover, piping	25,482
Plover, western snowy	83,879
Prairie dog, Utah	1,608
Rail, California clapper	111,674
Rail, light-footed clapper	11,614
Salmon, Chinook	62,980
Salmon, sockeye	62,982
Sanicula mariversa	1,800
Shearwater, Newell's Townsend's	5,089
Shrike, San Clemente loggerhead	47,484
Snail, Oahu tree	8,013
Sparrow, San Clemente sage	5,933
Stilt, Hawaiian	34,898
Tern, California least	225,586
Tern, least	1,346
Tern, roseate	84
Tetramolopium filiforme	1,800
Turtle, green sea	500
Turtle, leatherback sea	500

ENDANGERED AND THREATENED SPECIES EXPENDITURES BY SPECIES (WILDLIFE SERVICES)

Turtle, loggerhead sea	500
Vireo, black-capped	12,225
Vireo, least Bell's	9,734
Wolf, gray	324,829
Wolf, Mexican	1,500
TOTAL:	1,289,786

ENCLOSURE 1

ENDANGERED AND THREATENED SPECIES EXPENDITURES BY SPECIES (WILDLIFE SERVICES)

Species Protected	Total Cost
Bat, Indiana	1,065
Bear, grizzly	7,347
Bear, Louisiana black	14,039
Butterfly, Karner blue	1,000
Caribou, woodland	48
Coot, Hawaiian	27,338
Creeper, crested honey	2,359
Creeper, Oahu	8,013
Crow, Mariana	1,600
Deer, Columbian white-tailed	200
Dubautia herbstobatae	1,800
Duck, Hawaiian	30,783
Eagle, bald	4,573
Falcon, peregrine	2,874
Ferret, black-footed	28,367
Flycatcher, southwestern willow	633
Frog, California red-legged	3,051
Goose, Aleutian Canada	37,453
Goose, Hawaiian	13,802
Hedyotis parvula	1,800
Lizard, island night	13,501

ENCLOSURE 2

ENDANGERED AND THREATENED SPECIES EXPENDITURES NOT ASSOCIATED WITH A PARTICULAR SPECIES

The total for the Animal and Plant Health Inspection Service:

$ 1,461,000.00

United States Department of Agriculture
Forest Service
Washington Office
14th & Independence SW
P. O. Box 96090
Washington, DC 20090-6090

File Code: 2600

Date: OCT - 5 1998

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

Dear Ms. Clark:

The enclosed information is in response to your request dated June 25, 1998, for an accounting of Forest Service expenditures on threatened and endangered species. The two reports summarize Fiscal Year(FY) 1996 and FY97 expenditures separately. The reported funds do not include contributions made by partners. No land acquisitions for threatened or endangered species occurred in either year.

Based on reports from Forest Service field offices, the Forest Service expended funds on 135 species in FY96, and on 251 species in FY97. Forest Service appropriations for threatened and endangered species management increased from FY96 to FY97, which is reflected both in the total expenditures and the number of species that benefitted. The expenditures given are from the Forest Service appropriations for threatened and endangered species habitat management, as well as from other program appropriations that benefitted threatened and endangered species. Expenditures in FY96 were $25,674,973; and expenditures in FY97 were $42,324,676.

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

Sincerely,

Harv Forsgren

HARV FORSGREN
Director, Wildlife, Fish and Rare Plants Staff

Enclosures

FY 1996 FOREST SERVICE EXPENDITRUES FOR
THREATENED, ENDANGERED AND PROPOSED SPECIES

COMMON NAME	EXPENDITURE
ACORNSHELL, SOUTHERN	$4,800
AMERICAN CHAFFSEED	$1,700
ARIZONA CLIFFROSE	$500
ARIZONA HEDGEHOG CACTUS	$12,000
BAT, GRAY	$23,400
BAT, INDIANA	$79,825
BAT, OZARK BIG-EARRED	$8,000
BAT, VIRGINIA LONG-EARED	$6,600
BAT, WESTERN BIG-EARED	$17,100
BEAR, GRIZZLY	$517,350
BEAR, LOUISIANA BLACK	$1,000
BEETLE, VALLEY ELDERBERRY	$1,000
BOA, PUERTO RICAN	$0
BUTTERFLY, KERNER BLUE	$73,700
BUTTERFLY, OREGON SILVERS	$4,000
BUTTERFLY, UNCOMPAHGRE FRITILLARY	$15,300
CANBY'S DROPWORT	$0
CAPA ROSA	$1,100
CARIBOU, WOODLAND	$45,200
CHUB, BONYTAIL	$500
CHUB, HUMPBACK	$500
CHUB, OREGON	$7,000
CHUB, SONORA	$3,500
CLUBSHELL	$4,000
CLUBSHELL, OVATE	$4,800
CLUBSHELL, SOUTHERN	$4,800
COMBSHELL, UPLAND	$4,800
CONDOR, CALIFORNIA	$237,000
COUGAR, EASTERN	$0
CRANE, MISSISSIPPI SANDHILL	$500
CRANE, WHOOPING	$1,500
DACE, KENDALL WARM SPRING	$5,000
DARTER, AMBER	$0
DARTER, DUSKYTAIL	$2,000
DARTER, LEOPARD	$6,500
DARTER, SNAIL	$0
DWARF-FLOWERED HEARTLEAF	$0
EAGLE, BALD	$709,680
ELKTOE, CUMBERLAND	$1,000
FALCON, AMERICAN PEREGRINE	$327,400
FASSETT'S LOCOWEED	$2,500
FATMUCKET, ARKANSAS	$2,500
FERRET, BLACK-FOOTED	$120,600
FISHER	$364,500

FLYCATCHER, SOUTHWESTERN WILLOW	$104,000
FROG, CALIFORNIA RED-LEGGED	$35,000
FROG, SPOTTED	$99,000
GNATCATCHER, CALIFORNIA	$2,000
GOOSE, ALEUTIAN CANADA	$3,000
GOSHAWK, NORTHERN	$268,800
GRAYLING, MONTANA ARCTIC	$2,000
GREEN PITCHER-PLANT	$1,000
HELLSPLITTER, CAROLINA	$1,000
KIDNEYSHELL, TRIANGULAR	$6,000
LARGE-FLOWERED SKULLCAP	$6,000
LOGPERCH, CONASAUGA	$0
LYNX, NORTH AMERICAN	$4,200
MADTOM, SMOKEY	$2,000
MADTOM, YELLOWFIN	$2,000
MARTEN, AMERICAN	$876,992
MEADE'S MILKWEED	$47,100
MICCOSUKEE GOOSEBERRY	$0
MINNOW, LOACH	$52,800
MOCCASINSHELL, ALABAMA	$6,000
MOCCASINSHELL, COOSA	$4,800
MUCKET, ORANGE-NACRE	$6,000
MURRELET, MARBLED	$613,900
MUSSEL, APPALACHIAN ELKTO	$2,000
TERNSTROEMIA SUBSESSILIS	$3,000
ELTOROENS LEPANTHES	$1,100
OWL, CALIFORNIA SPOTTED	$2,725,000
OWL, MEXICAN SPOTTED	$585,600
OWL, NORTHERN SPOTTED	$3,949,431
PALO COLORADO	$1,100
PALO DE JAZMIN	$1,100
PARISH'S MEADOWFOAM	$5,000
PARROT, PUERTO RICAN	$37,900
PEARLSHELL, LOUISIANA	$5,000
PEARLYMUSSEL, CUMBERLAND MONKEYFACE	$2,000
PEARLYMUSSEL, CURTIS'	$500
PEARLYMUSSEL, LITTLE-WING	$2,000
PEARLYMUSSEL, PINK MUCKET	$500
PEARLYMUSSEL, YELLOW-BLOSSOM	$0
PERSISTENT TRILLIUM	$500
PIGTOE, DARK	$6,000
PIGTOE, SOUTHERN	$6,000
PITCHER'S THISTLE	$3,500
PLOVER, MOUNTAIN	$34,500
PLOVER, PIPPING	$2,000
PLOVER, WESTERN SNOWY	$117,200
POCKETBOOK, FAT-LINED	$6,000
PONDBERRY	$19,000
PRAIRIE DOG, UTAH	$8,200
RELICT TRILLIUM	$0
RIFFLESHELL, NORTHERN	$4,000

RIFFLESHELL, TAN	$600
ROCK-POCKETBOOK, OUACHITA	$1,000
SALAMANDER, CHEAT MOUNTAIN	$34,000
SALMON, CHINOOK (SNAKE RIVER)	$221,000
SALMON, COHO (WEST COAST)	$4,024,000
SHEEP, CALIFORNIA BIGHORN	$1,500
SHINER, CAHABA	$500
SHINER, PALEZONE	$13,600
SHINER. BLUE	$0
SHIRLEY MEADOWS STAR TULIP	$8,000
SLENDER ORCUTT GRASS	$15,000
SMALL WHORLED POGONIA	$12,300
SMOOTH CONEFLOWER	$6,500
SNAKE, EASTERN INDIGO	$2,500
SPIDER, SPRUCE FIR MOSS	$0
SPIKEDACE	$52,800
SQUAWFISH, COLORADO	$4,300
SQUIRREL, CAROLINA NORTHERN FLYING	$500
SQUIRREL, VIRGINIA NORTHERN FLYING	$60,300
STICKLEBACK, UNARMORED THREESPINE	$14,300
STORK, WOOD	$0
STURGEON, GULF	$500
STURGEON, PALLID	$1,000
SUCKER, LOST RIVER	$42,000
SUCKER, RAZZORBACK	$4,300
SUCKER, SHORTNOSE	$22,000
TERN, LEAST	$500
TOAD, ARROYO SOUTHWESTERN	$10,000
TOPMINNOW, GILA	$69,500
TORTOISE, GOPHER	$65,000
TROUT, APACHE	$9,500
TROUT, BONNEVILLE CUTTHROAT	$22,700
TROUT, BULL	$387,000
TROUT, COLORADO RIVER CUTTHROAT	$69,000
TROUT, GILA	$7,800
TROUT, GREENBACK CUTTHROAT	$9,200
TROUT, LAHONTAN CUTTHROAT	$38,900
TROUT, LITTLE KERN GOLDEN	$20,000
TROUT, PAIUTE CUTTHROAT	$1,000
TROUT, REDBAND	$500,000
TROUT, SNAKE RIVER FINE SPOTTED CUTTHROAT	$13,400
TROUT, UMPQUA RIVER CUTTHROAT	$1,608,300
TROUT, WESTSLOPE CUTTHROAT	$280,000
UTE LADIESTRESSES	$5,700
VIREO, LEAST BELL'S	$15,500
VIRGINIA ROUND-LEAF BIRCH	$5,000
VOLE, HAULAPAI MEXICAN	$1,000
WARBLER, BACHMAN'S	$0
WARBLER, KIRTLAND'S	$195,800
WESTERN PRAIRIE FRINGED ORCHID	$61,000
WHITE-HAIRED GOLDENROD	$2,200

WOLF, GRAY	$426,800
WOLVERINE, CALIFORNIA	$20,800
WOLVERINE, NORTH AMERICAN	$16,800
WOODPECKER, RED-COCKADED	$5,399,900
SUM	$25,674,973

USDA United States Department of Agriculture

Natural Resources Conservation Service

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

September 18, 1998

Ms. Jamie Clark
Director
Fish and Wildlife Service
U.S. Department of Interior
1849 C Street N.W.
Washington, D.C. 20241

Dear Ms. Clark:

This is in response to your request for information on the USDA Natural Resources Conservation Service expenditures made primarily for the conservation of endangered or threatened species pursuant to the Endangered Species Act. Based on information gathered from our State Biologists, we have compiled the attached state-by-state list of FY 1996 and 1997 expenditures for endangered and threatened species conservation and recovery work.

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

Sincerely,

Mark Stiles
for
DIANE E. GELBURD
Director
Ecological Sciences Division

Attachment

cc: (w/o copy of attachment)
Thomas Weber, Deputy Chief for Science and Technology,NRCS,Washington, D.C.

				ESA Expenditures				
		Fiscal Year 1996				Fiscal Year 1997		
State		Species		$ Amount		Species		$ Amount
Alabama		Lamp mussell, alaba		$1,000		Lamp mussell, alaba		$0
Alabama		Shell mussell, coosa		$1,000		Shell mussell, coosa		$0
Alabama		Shiner, blue		$0		Shiner, blue		$5,000
Alabama		Snail, tulotoma		$1,000		Snail, tulotoma		$0
Alaska				$0				$0
Arizona		Bat, lesser long-nos		$1,000		Bat, lesser long-nos		$2,500
Arizona		Bat, mexican long-n		$1,000		Bat, mexican long-n		$2,500
Arizona		Cactus, cochise pin		$0		Cactus, cochise pin		$0
Arizona		Chub, virgin river		$500		Chub, virgin river		$250
Arizona		Falcon, american per		$100		Falcon, american per		$100
Arizona		Falcon, northern apl		$100		Falcon, northern apl		$100
NL Arizona		Jaguar		$4,500		Jaguar		$500
Arizona		Jaguarundi		$0		Jaguarundi		$100
Arizona		Owl, mexican spotte		$1,500		Owl, mexican spotte		$2,000
Arizona		Rattlesnake, new me		$6,000		Rattlesnake, new me		$5,000
Arizona		Sucker, razorback		$0		Sucker, razorback		$1,500
Arizona		Woundfin		$500		Woundfin		$250
Arkansas		Bat, gray		$350		Bat, gray		$350
Arkansas		Bat, indiana		$350		Bat, indiana		$350
Arkansas		Bat, Ozark big-eared		$350		Bat, Ozark big-eared		$350
Arkansas		Beetle, am. burying		$350		Beetle, am. burying		$350
Arkansas		Cavefish, ozark		$350		Cavefish, ozark		$350
Arkansas		Crayfish, cave acula		$350		Crayfish, cave acula		$350
Arkansas		Crayfish, cave zoph		$350		Crayfish, cave zoph		$350
Arkansas		Darter, leopard		$350		Darter, leopard		$350

		Fiscal Year 1996			Fiscal Year 1997	
Arkansas		Eagle, bald	$350		Eagle, bald	$350
Arkansas		Fatmucket, arkansas	$350		Fatmucket, arkansas	$350
Arkansas		Geocarpon minimum	$350		Geocarpon minimum	$350
Arkansas		Harperella	$350		Harperella	$350
Arkansas		Panther, florida	$350		Panther, florida	$350
Arkansas		Pearlymussel, curtis	$350		Pearlymussel, curtis	$350
Arkansas		Pearlymussel, pink m	$350		Pearlymussel, pink m	$350
Arkansas		Pearlymussel, turgid	$350		Pearlymussel, turgid	$350
Arkansas		Pocketbook, fat	$350		Pocketbook, fat	$350
Arkansas		Pocketbook, speckl	$350		Pocketbook, speckl	$350
Arkansas		Pondberry	$350		Pondberry	$350
Arkansas		Shagreen, magazine	$350		Shagreen, magazine	$350
Arkansas		Sturgeon, pallid	$350		Sturgeon, pallid	$350
Arkansas		Warbler, bachman's	$350		Warbler, bachman's	$350
Arkansas		Woodpecker, ivory	$350		Woodpecker, ivory	$350
California		Frog, red-legged	$2,000		Frog, red-legged	$4,000
Colorado		Chub, bonytail	$2,000		Chub, bonytail	$2,000
Colorado		Chub, humpback	$2,000		Chub, humpback	$2,000
Colorado		Flycatcher, willow	$1,500		Flycatcher, willow	$1,000
Colorado		Ladies-tresses ute	$150		Ladies-tresses ute	$150
Colorado		Squawfish, colorado	$2,000		Squawfish, colorado	$2,000
Colorado		Sturgeon, pallid	$2,000		Sturgeon, pallid	$2,000
Colorado		Sucker, razorback	$2,000		Sucker, razorback	$2,000
Colorado		Plover, piping	$0		Plover, piping	$500
Colorado		Trout, greenback cut	$500		Trout, greenback cut	$500
Connecticut			$0			$0
Delaware			$0			$0
Florida		Water Willow, cooley	$800		Water Willow, cooley	$600
Georgia			$0			$0

		Fiscal Year 1996			Fiscal Year 1997	
Hawaii		Crow, hawaiian	$0		Crow, hawaiian	$1,000
Kansas		Bat, gray	$7,000		Bat, gray	$3,000
Kansas		Beetle, am burying	$500		Beetle, am burying	$2,500
Kansas		Crane, whooping	$250		Crane, whooping	$250
Kansas		Curlew, eskimo	$250		Curlew, eskimo	$250
Kansas		Eagle, bald	$1,500		Eagle, bald	$1,500
Kansas		Madtom, neosho	$2,500		Madtom, neosho	$2,500
Kansas		Milkweed, mead's	$5,000		Milkweed, mead's	$5,000
Kansas		Orchid, western pr.fr	$250		Orchid, western pr.fr	$250
Kansas		Plover, piping	$250		Plover, piping	$250
Kansas		Plover, western	$250		Plover, western	$250
Kansas		Tern, least	$250		Tern, least	$250
Kentucky			$0			$0
Idaho		Eagle, bald	$2,500		Eagle, bald	$2,500
Idaho		Ladies-tresses, ute	$0		Ladies-tresses, ute	$1,000
Idaho		Salmon, chinook Fall	$252,000		Salmon, chinook Fall	$250,000
Idaho		Salmon, chinook Su	$248,000		Salmon, chinook Su	$250,000
Idaho		Snail, bliss rapids	$5,000		Snail, bliss rapids	$5,000
Idaho		Snail, snake river ph	$5,000		Snail, snake river ph	$5,000
Idaho		Snail, utah valvata	$5,000		Snail, utah valvata	$5,000
Idaho		Springsnail, bruneau	$5,000		Springsnail, bruneau	$5,000
Idaho		Springsnail, idaho	$5,000		Springsnail, idaho	$5,000
Illinois			$0			$0
Indiana			$0			$0
Iowa			$0			$0
Louisiana			$0			$0
Maine			$0			$0
Maryland			$0			$0
Massachusetts		Mussel,dwarf wedge	$0		Mussel,drawf wedge	$20,000

		Fiscal Year 1996			Fiscal Year 1997	
Massachusetts		Plover, piping	$0		Plover, piping	$1,000
Massachusetts		Sucker, shortnose	$40,000		Sucker, shortnose	$0
Michigan		Bat, indiana	$2,800		Bat, indiana	$3,000
Michigan		Eagle, bald	$2,800		Eagle, bald	$3,000
Michigan		Goldenrod, houghto	$2,800		Goldenrod, houghto	$3,000
Michigan		Iris, dwarf lake	$2,800		Iris, dwarf lake	$3,000
Michigan		Satyr, mitchell's	$2,800		Satyr, mitchell's	$3,000
Michigan		Orchid, e. prairie frin	$2,800		Orchid, e. prairie frin	$3,000
Michigan		Plover, piping	$2,800		Plover, piping	$3,000
Michigan		Thistle, pitcher's	$2,800		Thistle, pitcher's	$3,000
Michigan		Warbler, kirtland	$2,800		Warbler, kirtland	$3,000
Michigan		Wolf, gray	$2,800		Wolf, gray	$3,000
Minnesota			$0			$0
Mississippi		Bear, louisana black	$0		Bear, louisana black	$800
Mississippi		Chaffseed, american	$0		Chaffseed, american	$25
Mississippi		Clubshell, black	$0		Clubshell, black	$25
Mississippi		Clubshell, ovate	$0		Clubshell, ovate	$700
Mississippi		Clubshell, southern	$0		Clubshell, southern	$700
Mississippi		Combshell, southern	$0		Combshell, southern	$25
Mississippi		Crane, mississippi s	$0		Crane, mississippi s	$100
Mississippi		Darter, bayou	$0		Darter, bayou	$1,525
Mississippi		Eagle, bald	$0		Eagle, bald	$25
Mississippi		Heelsplitter, inflated	$0		Heelsplitter, inflated	$25
Mississippi		Moccasinshell, alaba	$0		Moccasinshell, alaba	$700
Mississippi		Mucket, orange-nacr	$0		Mucket, orange-nacr	$700
Mississippi		Pigtoe, flat	$0		Pigtoe, flat	$25
Mississippi		Pigtoe, heavy	$0		Pigtoe, heavy	$700
Mississippi		Pocketbook, flat	$0		Pocketbook, flat	$25
Mississippi		Pondberry	$0		Pondberry	$25

		Fiscal Year 1996			Fiscal Year 1997	
Mississippi		Potato-bean, price's	$0		Potato-bean, price's	$700
Mississippi		Quillwort, louisiana	$0		Quillwort, louisiana	$25
Mississippi		Stirrupshell	$0		Stirrupshell	$25
Mississippi		Strugeon, gulf	$0		Strugeon, gulf	$725
Mississippi		Strugeon, pallid	$0		Strugeon, pallid	$725
Mississippi		Tortoise, gopher	$0		Tortoise, gopher	$450
Mississippi		Turtle, ringed map	$0		Turtle, ringed map	$700
Mississippi		Turtle, yellow-blotche	$0		Turtle, yellow-blotche	$725
Mississippi		Woodpecker, red-co	$0		Woodpecker, red-co	$750
Missouri		Aster, decurrent fals	$0		Aster, decurrent fals	$2,000
Missouri		Bat, indiana	$2,000		Bat, indiana	$0
Missouri		Bat, gray	$0		Bat, gray	$2,000
Missouri		Bladderpod, missou	$2,000		Bladderpod, missou	$0
Missouri		Clover, running buffa	$2,000		Clover, running buffa	$0
Missouri		Darter, niangua	$0		Darter, niangua	$2,000
Missouri		Geocarpon minimum	$0		Geocarpon minimum	$2,000
Missouri		Madtom, neosho	$0		Madtom, neosho	$2,000
Missouri		Milkweed, meads	$2,000		Milkweed, meads	$0
Missouri		Pondberry	$0		Pondberry	$2,000
Missouri		Orchid, w. pr. fringed	$2,000		Orchid, w. pr. fringed	$0
Missouri		Strugeon, pallid	$0		Strugeon, pallid	$2,000
Missouri		Tern, least	$2,000		Tern, least	$0
Montana		Bear, grizzly	$1,000		Bear, grizzly	$1,000
Montana		Crane, whooping	$1,000		Crane, whooping	$1,000
Montana		Falcon, american	$1,000		Falcon, american	$1,000
Montana		Howellia, water	$1,000		Howellia, water	$1,000
Montana		Ladies-tresses, Ute	$1,000		Ladies-tresses, Ute	$1,000
Montana		Plover, piping	$1,000		Plover, piping	$1,000
Montana		Sturgeon, pailid	$1,000		Sturgeon, pailid	$1,000

		Fiscal Year 1996			Fiscal Year 1997	
Montana		Sturgeon, white	$1,000		Sturgeon, white	$1,000
Montana		Tern, least	$1,000		Tern, least	$1,000
Nebraska		Crane, whooping	$125,000		Crane, whooping	$0
Nevada			$0			$0
New Hampshire			$0			$0
New Jersey		Eagle, bald	$500		Eagle, bald	$500
New Jersey		Pink, swamp	$0		Pink, swamp	$500
New Jersey		Plover, piping	$250		Plover, piping	$0
New Jersey		Tern, least	$250		Tern, least	$0
New Mexico		Crane, whooping	$100		Crane, whooping	$900
New Mexico		Flycatcher, sw willow	$1,000		Flycatcher, sw willow	$9,000
New Mexico		Gambusia, pecos	$100		Gambusia, pecos	$900
New Mexico		Jaguar	$100		Jaguar	$900
New Mexico		Minnow, rio grande	$200		Minnow, rio grande	$1,800
New Mexico		Owl, mexicoan spott	$200		Owl, mexicoan spott	$1,800
New Mexico		Rattlesnake, n. mexi	$100		Rattlesnake, n. mexi	$900
New Mexico		Shiner, pecos	$100		Shiner, pecos	$900
New Mexico		Trout, gila	$100		Trout, gila	$900
New York			$0			$0
North Carolina			$0			$0
North Dakota		Orchid, western prai	$3,000		Orchid, western prai	$2,000
Ohio			$0			$0
Oklahoma		Eagle, bald	$8,000		Eagle, bald	$27,000
Oklahoma		Darter, leopard	$10,000		Darter, leopard	$0
Oklahoma		Rock-pocketbook, q	$10,000		Rock-pocketbook, q	$0
Oklahoma		Tern, least	$4,000		Tern, least	$27,000
Oklahoma		Vireo, black-capped	$5,000		Vireo, black-capped	$0
Oregon			$0			$0
Pennsylvania		Turtle, bog	$23,000		Turtle, bog	$25,000

		Fiscal Year 1996			Fiscal Year 1997	
Puerto Rico			$0			$0
Rhode Island			$0			$0
South Dakota			$0			$0
South Carolina		Woodpecker, red-c	$3,000		Woodpecker, red-c	$2,000
Tennessee		Darters	$500		Darters	$500
Tennessee		Mussels	$1,000		Mussels	$1,000
Texas		Chicken, attwater's	$90,000		Chicken, attwater's	$60,000
Texas		Darter, fountain	$35,000		Darter, fountain	$25,000
Texas		Gambusia, san marc	$35,000		Gambusia, san marc	$25,000
Texas		Jaguarundi	$0		Jaguarundi	$65,000
Texas		Ocelot	$0		Ocelot	$65,000
Texas		Rice, wild texas	$35,000		Rice, wild texas	$25,000
Texas		Salamander, texas b	$35,000		Salamander, texas b	$25,000
Texas		Salamander, san mar	$35,000		Salamander, san mar	$25,000
Texas			$270,000			$130,000
Utah			$270,000			$130,000
Vermont			$0			$0
Virginia			$4,000			$4,000
Washington		Salmon, chinook fall	$55,000		Salmon, chinook fall	$50,000
Washington		Salmon, chinook spr	$260,000		Salmon, chinook spr	$210,000
West Virginia		Bat, virginia big-ear	$2,500		Bat, virginia big-ear	$0
Wisconsin			$0			$0
Wyoming		Bear, grizzly	$0		Bear, grizzly	$300
Wyoming		Crane, whooping	$150		Crane, whooping	$150
Wyoming		Dace, kendall warm	$0		Dace, kendall warm	$300
Wyoming		Eagle, bald	$0		Eagle, bald	$300
Wyoming		Falcon, northern	$0		Falcon, northern	$300
Wyoming		Ferret, black-footed	$150		Ferret, black-footed	$150
Wyoming		Ladies-tresses, ute	$1,000		Ladies-tresses, ute	$0

		Fiscal Year 1996				Fiscal Year 1997		
Wyoming		Toad, wyoming		$0		Toad, wyoming		$300
Wyoming		Wolf, grey		$0		Wolf, grey		$300
		1996	Subtotal:	$1,996,000		1997	Subtotal:	$1,614,650
							Total:	$3,610,650

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
1335 East-West Highway
Silver Spring, MD 20910
THE DIRECTOR

OCT 20 1997

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

Dear Ms. Clark:

This responds to your letter requesting a species-by-species accounting of all reasonably identifiable expenditures made primarily for the conservation of endangered or threatened species with funds appropriated to the National Marine Fisheries Service (NMFS) for fiscal year 1996 under the Endangered Species Act (ESA).

The enclosed table provides a summary of expenditures for species for which the NMFS has or shares jurisdiction. In addition, we have included ESA expenditures not identified to a particular species.

Sincerely,

Dauth Evan

(for) Rolland A. Schmitten

Enclosure

1996 Endangered Species Act Expenditures - National Marine Fisheries Service ($ x 1000)			
Common Name	**Scientific Name**	**Status**	**Spending FY96**
Steller sea lion	*Eumetopias jubatus*	T	1,685
Caribbean monk seal	*Monachus tropicalis*	E	0
Hawaiian monk seal	*Monachus schauinslandi*	E	944
Guadalupe fur seal	*Arctocephalus townsendi*	T	225
Blue whale	*Balaenoptera musculus*	E	250
Bowhead whale	*Balaena mysticetus*	E	545
Finback whale	*Balaenoptera physalus*	E	235
Gray whale	*Eschrichtius robustus*	E	285
Humpback whale	*Megaptera novaeangliae*	E	430
Right whale	*Balaena glacialis*	E	421
Sei whale	*Balaenoptera borealis*	E	235
Sperm whale	*Phyester macrocephalus*	E	250
Green turtle	*Chelonia mydas*	E	482
Green turtle	*Chelonia mydas*	T	482
Hawksbill turtle	*Eretmochelys imbricata*	E	482
Kemp's ridley turtle	*Lepidochelys kempii*	E	625
Leatherback turtle	*Dermochelys coriacea*	E	500
Loggerhead turtle	*Caretta caretta*	T	769
Olive ridley turtle	*Lepidochelys olivacea*	E	0
Olive ridley turtle	*Lepidochelys olivacea*	T	176
Sacramento R. winter run chinnok salmon	*Oncorhynchus tshawytscha*	E	1,997
Snake R. fall run chinnok salmon	*Oncorhynchus tshawytscha*	E	2,325
Snake R. spring/summer chinnok salmon	*Oncorhynchus tshawytscha*	E	2,325
Snake R. sockeye	*Oncorhynchus nerka*	E	2,325
Gulf strugeon	*Acipenser oxyrhynchus desotoi*	T	45

1996 Endangered SpeciesAct Expenditures - National Marine Fisheries Service ($ x 1000) (continued)			
Common Name	**Scientific Name**	**Status**	**Spending FY96**
Shortnose sturgeon	*Acipenser transmontanus*	E	0
Umpqua River cutthroat trout	*Oncorhynchus clarki clarki*	E	2,229
		Total species-specific expenditures	20,267
		Non-species-specific ESA expenditures	949
		TOTAL FY 1996 ESA APPROPRIATION	21,216

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON DC 20301-3000

ACQUISITION AND TECHNOLOGY

2 0 FEB 1997

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

Dear Mr. Smith:

The Department of Defense's report on FY 1996 investments for the conservation of threatened and endangered species is enclosed. This summary report does not include activities of the Army Corps of Engineers (Civil Works), who are reporting to you separately.

In FY 1996, the Military Components invested $23,066,800 on the conservation and management of federally-listed threatened and endangered species. The Department of the Army invested $10,342,100; the Department of the Navy invested $7,307,700, including $2,847,900 by the Marine Corps; the Department of the Air Force invested $5,367,000; and the Defense Logistics Agency invested $50,000. Summary tables of each Component's efforts by species are enclosed. We have no land acquisition costs to report.

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

L. Peter Boice
Director, Conservation

Enclosures

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

FEB 0 7 1997

MEMORANDUM FOR DEPUTY UNDER SECRETARY OF DEFENSE
(ENVIRONMENTAL SECURITY)

SUBJECT: FY 96 Threatened and Endangered Species Expenditures Report

Your 13 December 1996 memorandum, subject: Annual Reporting of Threatened and Endangered Species Expenditures, requested a report on expenditures reasonably identifiable to federally listed threatened and endangered species.

Subject report is attached. Report indicates a total of $10342.1K expended; birds consitute the major focus of expeditures. Army has no identifiable expenditures on threatened and endangered species other than what is in the report.

Point of contact for this matter is Mr. Phil Huber, ODASA (ESOH), (703) 614-9555.

Ray Fatz

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

Attachment

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DEPARTMENT OF THE ARMY
FY 96 ESTIMATED EXPENDITURES FOR
THREATENED AND ENDANGERED SPECIES

January 1997

	Species	Expenditures ($000)
1	**Mammals**	
	Bat, gray	314.5
	Bat, Indiana	7.2
	Fox, San Joaquin kit	251.6
	Wolf, gray (Mexican)	10.0
	Wolf, Eastern timber	0.8
	SUBTOTAL:	584.1
2	**Birds**	
	Eagle, bald	1283.0
	Falcon, American peregrine	6.2
	Falcon, northern aplomado	130.0
	Flycatcher, southwestern willow	5.0
	Murrelet, marbled	20.9
	Owl, Mexican spotted	64.9
	Palila	57.0
	Pigeon, Puerto Rico plain	14.0
	Plover, piping	3.0
	Plover, western snowy	10.0
	Stork, wood	20.0
	Tern, least	3.0
	Vireo, black-capped	601.0

	Vireo, least bells	97.0
	Warbler, golden cheeked	499.0
	Woodpecker, red-cockaded	5751.7
	SUBTOTAL:	8565.7
3	**Reptiles**	
	Alligator, American	1.8
	Snake, eastern indigo	14.2
	Tortoise, desert	295.2
	Tortoise, gopher	3.6
	SUBTOTAL:	314.8
4	**Fish**	
	Cavefish, Ozark	10.0
	Sturgeon, short-nosed	15.5
	Trout, greenback cutthroat	7.0
	SUBTOTAL:	32.5
5	**Crustaceans**	
	Shrimp, Alabama cave	40.0
	Shrimp, Vernal pool fairy	57.2
	SUBTOTAL:	97.2
6	**Insects**	
	Beetle, American burying	18.6
	Butterfly, Karner blue	87.7
	Butterfly, Oregon silverspot	10.3
	Butterfly, Saint Francis' satyr	39.9

	Butterfly, Smith's blue	57.0
	SUBTOTAL:	213.5
7	**Plants**	
	Alani (Melicope lydgatei)	2.0
	Alsinidendron obovatum	0.5
	Ash, St. Thomas prickly	14.0
	Cactus, Sneed's pincushion	40.0
	Cactus, Nichol's Turkshead	50.0
	Catchfly, lanceleaf	12.5
	Chaffseed, American	84.8
	Cone flower, smooth	11.0
	Dubautia herbstorbatae	0.5
	Eragrostis fosbergii	0.5
	Gilia, Monterey sand	16.0
	Grass, Tennessee yellow-eyed	1.0
	Haha (Cyanea koolauensis)	1.5
	Ha'iwale (Cyrtandra subumbellata)	0.5
	Ha'iwale (Cyrtandra viridiflora)	1.4
	Howellia, water	50.0
	Kamakahala (Labordia cyrtandrae)	1.5
	Kamanomano (Cencrus agrimonoides)	1.0
	Kolea (Myrsine juddii) B153	0.5
	Loose strife, rough leaved	86.8
	Ma'aloa (Neraudia angulata var angulata)	1.0
	Ma'aloa (Neraudia angulata var dentata)	1.0

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

IN REPLY REFER TO

5090
Ser N45D/6U595515
21 January 1997

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

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

Ref: (a) OUSD memo of 13 Dec 96 w/attachment, same subject

Encl: (1) Navy Expenditures on Threatened and Endangered Species during Fiscal Year 1996

1. Enclosure (1) provides the fiscal year 1996 Navy report of expenditures for the conservation of threatened and endangered species as requested in reference (a). Expenditures in the amount of $4,460,000 are traceable to 58 specific endangered species.

2. Point of contact for this information is Mr. Thomas Egeland, N45D, at (703) 428-0437.

L. F. SCHRIEFER
Rear Admiral, U.S. Navy
Director, Environmental Protection, Safety, and Occupational Health Division

Copy to:
CMC(LFL)

NAVY EXPENDITURES ON THREATENED AND ENDANGERED SPECIES DURING FISCAL YEAR 1996

COMMON NAME	SCIENTIFIC NAME	($000)
Amphibians		
Toad, Arroyo Southwestern	*Bufo microscaphus californicus*	5.0
	SUBTOTAL: 5.0	
Birds		
Blackbird, Yellow-Shouldered	*Agelaius xanthomus*	30.0
Coot, Hawaiian ('Alae-Ke'oke'o)	*Fulica americana alai*	5.0
Duck, Hawaiian	*Anas wyvilliana*	20.0
Flycatcher, Southwestern Willow	*Empidonax traillii extimus*	5.0
Eagle, Bald	*Haliaeetus leucocephalus*	24.7
Gallinule, Hawaiian	*Gallinula chloropus sandvicensis*	20.0
Gnatcatcher, California	*Polioptila californica*	209.3
Moorhen, Mariana Common	*Gallinula chloropus guami*	13.0
Plover, Western Snowy	*Charadrius alexandrinus nivosus*	145.2
Shrike, San Clemente Island Loggerhead	*Lanius ludovicianus mearnsi*	556.6
Stilt, Hawaiian	*Himantopus mexicanus knudseni*	20.0
Stork, Wood	*Mycteria americana*	12.0
Swiflet, Mariana Grey	*Aerodramus vanikorensis bartschi*	60.0
Tern, California Least	*Sterna antillarum browni*	537.3
Vireo, Least Bell's	*Vireo bellii pusillus*	9.0
Woodpecker, Red-Cockaded	*Picoides borealis*	8.0
	SUBTOTAL: 1,675.1	
Crustaceans		
Shrimp, San Diego Fairy	*Branchinecta sandiegoensis*	33.0
	SUBTOTAL: 33.0	
Insects		
Butterfly, Quino Checkerspot	*Euphydryas editha quino*	60.0
	SUBTOTAL: 60.0	
Mammals		
Bat, Mariana Fruit	*Pteropus mariannus mariannus*	10.0
Jaguarundi	*Felis yagouaroundi cacomitli*	82.7
Kangaroo Rat, Stephen's	*Dipodomys stephensi*	40.0
Manatee, West Indian	*Trichechus manatus*	18.0
Mouse, Pacific Pocket	*Perognathus longimembris pacificus*	25.0
Mouse, Salt Marsh Harvest	*Reithrodontomys raviventris*	30.0
Ocelot	*Felis pardalis*	75.0
Rabbit, Lower Keys Marsh	*Sylvilagus palustris hefneri*	3.0
Seal, Hawaiian Monk	*Monachus schauinslandi*	5.0
Shrew, Dismal Swamp (Se)	*Sorex longirostris fisheri*	1.0
Whale, Northern Right	*Balaena glacialis*	1,348.8
Wolf, Grey	*Canis lupus*	2.0
	SUBTOTAL: 1,640.5	

Common Name	Scientific Name	Expenditure
Pondberry	Lindera melissifolia	$ 1,572
Red-cockaded Woodpecker	Picoides borealis	$ 90,568
Atlantic Loggerhead Turtle	Caretta caretta	$ 43,232
Atlantic Green Turtle	Chelonia mydas	$ 1,441
Atlantic Hawksbill Turtle	Erepmochelys imbericapa	$ 1,441
Atlantic Leatherback Turtle	Dermochelys kempii	$ 1,922
Rough-leaved Loosestrife	Lysimachia asperulaefolia	$ 29,627
California Gnatcatcher	Polioptila californica californica	$ 63,700
Southwestern Willow Flycatcher	Empidonax trailii extimus	$ 24,700
Stephen's Kangaroo Rat	Dipodomys stephensi	$ 33,900
Western Snowy Plover	Charadrius alexandrius nivosus	$ 66,800
California Least Tern	Sterna antillarum browni	$121,400
Pacific Pocket Mouse	Perognathus longimembris pacificus	$252,100
Tidewater Goby	Eucyclogobius newberryi	$ 19,000
Quino Checkerspot Butterfly	Euphydryas Editha Quino	$ 42,000
Hawaiian Stilt	Himantopus mexicanus knudseni	$757,000
Hawaiian Coot	Fulica americana alai	$ 2,500
Hawaiian Gallinule	Gallinula chloropus sandivicensis	$ 2,500
Hawaiian Duck	Anas wyvilliana	$ 1,000
Least Bell's Vireo	Vireo bellii pusilus	$741,500
Sonoran Pronghorn Antelope	Artilcenta americans sonorienses	$ 12,000
Riverside Fairy Shrimp	Streotocephalus wootoni	$ 3,500
Small Whorled Pogonia	Isotria medeoloides	$ 3,500
Desert Tortoise	Gopherus agassizii	$521,000

Total Marine Corps Expenditure

$2,847,903

Encl (1)

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, DC

MEMORANDUM FOR SAF/MIQ 2 JAN 1997

FROM: HQ USAF/ILEVP

SUBJECT: Annual Reporting of Threatened and Endangered Species Expenditures For FY96

Attached is our FY96 annual report detailing the Air Force expenditures regarding threatened and endangered species. Air Force expenditures for FY96 were $5,367,000, which includes $5,044,000 attributed to individual species, and $323,000 of "total other expenditures made primarily for the conservation of endangered and threatened species."

If you have any questions, please call Dr. Doug Ripley, Ms. Stephanie Stevenson, or Ms. Mary Sluss, AF/ILEVP, 695-6118.

KENNETH L. REINERTSON
Chief, Environmental Planning Branch
Office of The Civil Engineer

Threatened/Endangered Species Expenditures on Air Force Installations FY96

Installation	State	Species Account #	Species	Purpose	Amount ($K)
Anderson AFB	Guam	67	Crow, Mariana	Habitat Enhancement	$22
Avon Park AFR	FL	136	Woodpecker, red-cockaded	Annual Census	$50
		136	Woodpecker, red-cockaded	Habitat management	$150
		83	Jay, Florida scrub	Annual Census	$50
		83	Jay, Florida scrub	Habitat management	$50
		116	Sparrow, Florida grasshopper	Annual Census	$90
		116	Sparrow, Florida grasshopper	Habitat management	$100
		58	Caracara, Audubon's crested	Habitat Monitoring	$90
		71	Eagle, bald	Habitat Management	$5
Barksdale AFB	LA	71	Eagle, bald	Habitat management	$76
Beale AFB	CA	317	Shrimp, California freshwater	Habitat Study	$359
Buckley ANG	CO		Owl, Mexican spotted	Military impact study/consultation	$80
Cannon AFB	NM		Southwestern Willow Flycatcher	Habitat Restoration	$8
Cape Canaveral	FL	83	Jay, Florida Scrub	Habitat Restoration	$300
Edwards AFB	CA	156	Tortoise, desert	Section 7 consultation	$30
		156	Tortoise, desert	Project mitigation	$513
		156	Tortoise, desert	Projects to support Section 7 consultation	$570
Eglin AFB	FL	136	Woodpecker, red-cockaded	Habitat protection & enhancement	$254
		160	Turtle, green sea & loggerhead	Habitat protection	$51
		211	Darter, Okaloosa	Habitat protection	$280
Eielson AFB	AK	72	Falcon, peregrine	Section 7 consultation	$36
Elmendorf AFB	AK	72	Falcon, peregrine	Section 7 consultation	$100
Greenland		73	Falcon peregrine	Military Impact Study	$15
Goldwater Range	AZ	8	Bat, lesser long-nosed	Sec. 7 consultation	$12
		8	Bat, lesser long-nosed	Population monitoring	$5
			Cactus, Acuna Valley Pineapple	Section 7 consultation	$12
			Cactus, Acuna Valley Pineapple	Baseline Survey	$30
			Horned Lizard, Flat-tailed	Section 7 consultation	$12
			Owl, Cactus Ferruginous Pygmy	Section 7 consultation	$12
			Owl, Cactus Ferruginous Pygmy	Baseline Survey	$31
		32	Pronghorn, Sonoran	Section 7 consultation	$70
		32	Pronghorn, Sonoran	Population monitoring	$25
		32	Pronghorn, Sonoran	Population monitoring	$25

Threatened/Endangered Species Expenditures on Air Force Installations FY96

Installation	State	Species Account #	Species	Purpose	Amount ($K)
			Total funds attributed to specific species FY96:		$5,044
			Additional funding directed toward threatened and endangered species not attibuted to individual species FY96:		$323
TOTAL AIR FORCE EXPENDITURES FOR THREATENED AND ENDANGERED SPECIES FY96:					$5,367

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

IN REPLY REFER TO CAAE

JAN 7 1997

MEMORANDUM FOR ASSISTANT DEPUTY UNDER SECRETARY OF DEFENSE (ENVIRONMENTAL SECURITY), ADUSD(ES)/EQ-CO

SUBJECT: Annual Reporting of Threatened and Endangered Species Expenditure

This is in response to the DUSD(ES)/EQ-CO memo of December 13, 1996, subject as above, requesting information on our FY 96 expenditure toward endangered species.

During FY 96, we spent $50,000 on population recovery and habitat enhancement for the Palos Verdes blue butterfly at Defense Fuel Support Point San Pedro, California.

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

JAN B. REITMAN
Staff Director
(Environmental and Safety Policy)

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

REPLY TO
ATTENTION OF:

Programs Management Division
Program Formulation and Evaluation Branch

Ms. E. LaVerne Smith
Chief, Division of Endangered Species
Fish and Wildlife Service
U. S. Department of the Interior
Washington, D. C. 20240

Dear Ms. Smith:

Enclosed, in response to U. S. Fish and Wildlife Service requests of June 25 and July 21, 1998, are two tables providing estimates of U. S. Army Corps of Engineers expenditures in fiscal years 1996 and 1997 to implement the Endangered Species Act.

Each of the two tables includes a subset comprising 309 species of the complete set of 1,132 species provided by Ms. Susan Jacobsen in her working template. This subset includes all species for which the Corps has recently spent funding under the Direct Civil Works Program in implementing the Endangered Species Act.

Table I shows estimated expenditures under the Direct Civil Works program in Fiscal Year 1996 (FY96); Table II shows such expenditures in FY97. Please direct any questions about the input to Jack Jurentkuff, (202) 761-4955.

Sincerely,

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

Enclosures
as

TABLE I

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS CIVIL WORKS
DIRECT PROGRAM

FY96 EXPENDITURES TO IMPLEMENT THE ENDANGERED SPECIES ACT
($K)

Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
Mammals:										
A	Bat, gray	5.9	0.5		2.1		1.0		1.0	10.5
A	Bat, Hawaiian hoary									0.0
A	Bat, Indiana	4.7	2.5		1.0		1.0			9.2
A	Bat, lesser long-nosed							12.0		12.0
A	Bat, Ozark big-eared									0.0
A	Bear, grizzly				0.5					0.5
A	Bear, Louisiana black		15.0							15.0
A	Cougar, eastern									0.0
A	Deer, Columbian white-tailed									0.0
A	Ferret, black-footed				0.1			0.7		0.8
A	Fox, San Joaquin kit							9.5		9.5
A	Jaguarundi								0.7	0.7
A	Kangaroo Rat, Fresno							4.0		4.0
A	Kangaroo Rat, giant							2.0		2.0
A	Kangaroo Rat, Morro Bay							10.0		10.0
A	Kangaroo Rat, Stephen's							5.0		5.0
A	Kangaroo Rat, Tipton							2.0		2.0

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($K)

Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
A	Manatee, West Indian (= Florida)						318.0		0.4	318.4
A	Mouse, Alabama beach						13.0			13.0
A	Mouse, Anastasia Island beach						7.0			7.0
A	Mouse, Pacific pocket							15.0		15.0
A	Mouse, Perdido Key beach									0.0
A	Mouse, salt marsh harvest							55.0		55.0
A	Mouse, southeastern beach									0.0
A	Ocelot								0.7	0.7
A	Otter, southern sea							15.0		15.0
A	Panther, Florida						11.0			11.0
A	Pronghorn, Sonoran									0.0
A	Sea-lion, Steller				1.0			7.0		8.0
A	Seal, Hawaiian monk									0.0
A	Shrew, Dismal Swamp southeastern			19.3			3.0			22.3
A	Squirrel, Delmarva Peninsula fox									0.0
A	Whale, bowhead									0.0
A	Whale, finback		0.5						0.5	1.0
A	Whale, gray						13.0			13.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
A	Whale, humpback		0.5				116.0		0.5	117.0
A	Whale, right		0.5	9.8					0.5	10.8
A	Whale, Sei		0.5						0.5	1.0
A	Whale sperm		0.5						0.5	1.0
A	Wolf, gray									0.0
	Sub-total:	10.6	20.5	29.1	4.7	0.0	483.0	137.2	5.3	690.4
Birds:										
B	Blackbird, yellow-shouldered									0.0
B	Caracara, Audubon's crested									0.0
B	Condor, California							2.0		2.0
B	Coot, Hawaiian (= 'alae-ke 'oke 'o)									0.0
B	Crane, Mississippi sandhill									0.0
B	Crane, whooping				0.2			1.1	756.1	757.4
B	Curlew, Eskimo									0.0
B	Duck, Hawaiian (= koloa)									0.0
B	Eagle, bald	31.3	53.4	19.5	44.8		48.0	29.0	83.0	309.0
B	Falcon, American peregrine	5.1	5.5	2.5	3.0			20.0	0.5	36.6
B	Falcon, northern aplomado							0.5	0.4	0.9

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
B	Flycatcher, southwestern willow							498.0		498.0
B	Gnatcatcher, coastal California							125.0		125.0
B	Goose, Aleutian Canada							8.0		8.0
B	Jay, Florida scrub						32.0			32.0
B	Kite, Everglade snail						55.0			55.0
B	Moorhen, Hawaiian common									0.0
B	Moorhen, Mariana common									0.0
B	Murrelet, marbled				1.0			4.0		5.0
B	Owl, Mexican spotted									0.0
B	Owl, northern spotted				1.0			4.0		5.0
B	Pelican, brown		2.0					12.0	2.6	16.6
B	Pigeon, Puerto Rican plain									0.0
B	Plover, piping		1.5	561.0	435.2		34.0	5.0	31.3	1,068.0
B	Plover, western snowy				0.5			19.0		19.5
B	Prairie-chicken, Atwater's greater								0.7	0.7
B	Rail, California clapper							55.0		55.0
B	Rail, light-footed clapper							3.0		3.0
B	Rail, Yuma clapper									0.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
B	Shearwater, Newell's Townsend's									0.0
B	Sparrow, Cape Sable seaside						50.0			50.0
B	Stilt, Hawaiian (=ae 'o)									0.0
B	Stork, wood		3.0				54.0			57.0
B	Tern, California least							115.0		115.0
B	Tern, least	10.0	153.5	69.4	435.2		12.0	22.0	52.3	754.4
B	Tern, roseate			58.6						58.6
B	Vireo, black-capped								4.1	4.1
B	Vireo, least Bell's							150.0		150.0
B	Warbler, Bachman's						1.0			1.0
B	Warbler, golden-cheeked								4.1	4.1
B	Warbler, Kirtland's									0.0
B	Woodpecker, ivory-billed									0.0
B	Woodpecker, red-cockaded		3.7				17.0		4.3	25.0
Sub-total:		46.4	222.6	711.0	920.9	0.0	303.0	1,072.6	939.4	4,215.9
Reptiles:										
C	Boa, Puerto Rican						8.0			8.0
C	Boa, Virgin Islands tree									0.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
C	Crocodile, American						19.0			19.0
C	Lizard, blunt-nosed leopard							4.0		4.0
C	Lizard, Coachella Valley fringe-toed							145.0		145.0
C	Snake, Concho water								0.6	0.6
C	Snake, eastern indigo						10.0			10.0
C	Snake, giant garter							24.0		24.0
C	Snake, San Francisco garter							21.0		21.0
C	Tortoise, desert							512.0		512.0
C	Tortoise, gopher						7.0			7.0
C	Turtle, Alabama redbelly (= red-bellied)						38.0			38.0
C	Turtle, flattened musk									0.0
C	Turtle, green sea		39.0	20.7			112.0		30.5	202.2
C	Turtle, hawksbill sea (= carey)		39.0	20.7					30.5	135.2
C	Turtle, Kemp's ridley sea			20.7			112.0		30.5	202.2
C	Turtle, leatherback sea		39.0	25.7			45.0		30.5	140.2
C	Turtle, loggerhead sea		39.0	66.7			256.0		30.5	392.2
C	Turtle, ringed map (= sawback)									0.0
C	Turtle, yellow-blotched map (= sawback)						56.0			56.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
Sub-total:		0.0	195.0	154.5	0.0	0.0	708.0	706.0	153.1	1,916.6
Amphibians:										
D	Coqui, golden									0.0
D	Frog, California red-legged							80.0		80.0
D	Salamander, Cheat Mountain									0.0
D	Salamander, Red Hills									0.0
D	Salamander, Santa Cruz long-toed							10.5		10.5
D	Toad, Arroyo southwestern							25.0		25.0
D	Toad, Houston								4.4	4.4
Sub-total:		0.0	0.0	0.0	0.0	0.0	0.0	115.5	4.4	119.9
Fishes:										
E	Cavefish, Ozark								1.0	1.0
E	Chub, bonytail									0.0
E	Chub, humpback							12.0		12.0
E	Chub, Hutton tui									0.0
E	Chub, Oregon									0.0
E	Chub, Owens tui									0.0
E	Chub, slender									0.0

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($K)

Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
E	Chub, spotfin (= turquoise shiner)									0.0
E	Cui-ui							12.0		12.0
E	Dace, blackside	4.0								4.0
E	Darter, amber									0.0
E	Darter, bayou									0.0
E	Darter, boulder (= Elk River)	2.0								2.0
E	Darter, Cherokee									0.0
E	Darter, Etowah									0.0
E	Darter, fountain								1.2	1.2
E	Darter, goldline									0.0
E	Darter, leopard									0.0
E	Darter, Niangua				2.2					2.2
E	Darter, Okaloosa									0.0
E	Darter, slackwater	2.0								2.0
E	Darter, snail	2.0								2.0
E	Darter, watercress									0.0
E	Gambusia, Pecos							0.1		0.1
E	Gambusia, San Marcos									0.0

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		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
E	Goby, tidewater							27.0		27.0
E	Logperch, Conasauga									0.0
E	Logperch, Roanoke									0.0
E	Madtom, Neosho				8.8					8.8
E	Madtom, yellowfin									0.0
E	Minnow, loach							0.5		0.5
E	Minnow, Rio Grande silvery							34.0		34.0
E	Salmon, chinook, Sacramento River winter run							29.0		29.0
E	Salmon, chinook, Snake River fall run				22,429.0			17.0		22,446.0
E	Salmon, chinook, Snake River spring/summer run				22,431.9			17.0		22,448.9
E	Salmon, coho									0.0
E	Salmon, sockeye, Snake River (= red, = blueback)				22,429.0					22,429.0
E	Sculpin, pygmy									0.0
E	Shiner, blue									0.0
E	Shiner, Cahaba									0.0
E	Shiner, Cape Fear									0.0
E	Shiner, Pecos bluntnose							11.0		11.0
E	Smelt, delta							17.0		17.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
E	Spikedace							0.5		0.5
E	Squawfish, Colorado							14.5		14.5
E	Stickleback, unarmored threespine							75.0		75.0
E	Sturgeon, Gulf		1.0				9.0			10.0
E	Sturgeon, pallid		51.5		773.9				1.0	826.4
E	Sturgeon, shortnose			3.8			69.0			72.8
E	Sturgeon, white (Kootenai River population)				50.0			1.0		51.0
E	Sucker, Lost River									0.0
E	Sucker, razorback							14.5		14.5
E	Sucker, Warner									0.0
E	Trout, Lahontan cutthroat							12.0		12.0
E	Trout, Paiute cutthroat									0.0
	Sub-total:	10.0	52.5	3.8	68,124.8	0.0	78.0	294.1	3.2	68,566.4
Clams:										
F	Acornshell, southern									0.0
F	Clubshell									0.0
F	Clubshell, black (= Curtus' mussel)									0.0
F	Clubshell, ovate						68.0			68.0

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		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
F	Clubshell, southern						68.0			68.0
F	Combshell, southern (= penitent mussel)									0.0
F	Combshell, upland									0.0
F	Fanshell									0.0
F	Heelsplitter, inflated		0.5							0.5
F	Kidneyshell, triangular									0.0
F	Moccasinshell, Alabama (= Pearlymussel, Alabama)						68.0			68.0
F	Moccasinshell, Coosa									0.0
F	Mucket, orange-nacre						68.0			68.0
F	Mussel, dwarf wedge						18.0			18.0
F	Mussel, ring pink (= golf stick pearly)									0.0
F	Mussel, winged mapleleaf		2.0							2.0
F	Pearlshell, Louisiana									0.0
F	Pearlymussel, Appalachian monkeyface									0.0
F	Pearlymussel, birdwing	2.0								2.0
F	Pearlymussel, cracking	2.0								2.0
F	Pearlymussel, Cumberland bean									0.0
F	Pearlymussel, Cumberland monkeyface	2.0								2.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
F	Pearlymussel, Curtis'									0.0
F	Pearlymussel, dromedary									0.0
F	Pearlymussel, green-blossom									0.0
F	Pearlymussel, Higgins' eye		111.0							111.0
F	Pearlymussel, orange-foot pimpleback	250.0								250.0
F	Pearlymussel, pale lilliput									0.0
F	Pearlymussel, pink mucket		1.5		1.7					3.2
F	Pearlymussel, purple cat's paw									0.0
F	Pearlymussel, white cat's paw									0.0
F	Pearlymussel, white wartyback									0.0
F	Pearlymussel, yellow-blossom									0.0
F	Pigtoe, fine-rayed	2.0								2.0
F	Pigtoe, flat (= Marshall's mussel)									0.0
F	Pigtoe, heavy (= Judge Tait's mussel)									0.0
F	Pigtoe, rough									0.0
F	Pigtoe, shiny									0.0
F	Pigtoe, southern									0.0
F	Pocketbook, fat		6.5							6.5

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($K)

Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
F	Pocketbook, fine-lined									0.0
F	Pocketbook, speckled									0.0
F	Riffleshell, northern									0.0
F	Riffleshell, tan	2.0								2.0
F	Rock-pocketbook, Ouachita (= Wheeler's pearly)								6.0	6.0
F	Spinymussel, James River (= Virginia)			2.0						2.0
F	Stirrupshell									0.0
	Sub-total:	260.0	121.5	2.0	1.7	0.0	290.0	0.0	6.0	681.2
Snails:										
G	Snail, Snake River physa									0.0
G	Snail, tulotoma (= Alabama live-bearing)									0.0
	Sub-total:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Insects:										
I	Beetle, American burying (= giant carrion)				2.3				13.0	15.3
I	Beetle, Kretschmarr Cave mold								0.4	0.4
I	Beetle, northeastern beach tiger			18.5						18.5
I	Beetle, Tooth Cave ground								0.4	0.4
I	Beetle, valley elderberry longhorn							26.0		26.0

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Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
I	Butterfly, bay checkerspot							0.5		0.5
I	Butterfly, Karner blue									0.0
I	Butterfly, mission blue							5.5		5.5
I	Butterfly, Oregon silverspot									0.0
I	Butterfly, Quino checkerspot							0.0		0.0
I	Butterfly, San Bruno elfin							0.5		0.5
I	Butterfly, Smith's blue									0.0
	Sub-total:	0.0	0.0	18.5	2.3	0.0	0.0	32.5	13.8	67.1
Arachnids:										
J	Harvestman, Bee Creek Cave								0.4	0.4
J	Harvestman, Bone Cave								0.4	0.4
J	Pseudoscorpion, Tooth Cave								0.4	0.4
J	Spider, Tooth Cave								0.4	0.4
	Sub-total:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6
Crustaceans:										0.0
K	Crayfish, Nashville									0.0
K	Fairy shrimp, Conservancy							12.5		12.5
K	Fairy shrimp, vernal pool							14.5		14.5

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		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
K	Shrimp, California freshwater							23.0		23.0
K	Tadpole shrimp, vernal pool							26.5		26.5
	Sub-total:	0.0	0.0	0.0	0.0	0.0	0.0	76.5	0.0	76.5
Plants:										
Q	Agave, Arizona							1.0		1.0
Q	Amaranth, seabeach			58.6			33.0			91.6
Q	Ambrosia, south Texas								0.2	
Q	Amphianthus, little									0.0
Q	Aster, decurrent false		0.5							0.5
Q	Ayenia, Texas								0.2	
Q	Beauty, Harper's									0.0
Q	Bird's-beak, palmate-bracted							0.5		0.5
Q	Bird's-beak, salt marsh							56.0		56.0
Q	Birds-in-a-nest, white									0.0
Q	Bladderpod, white								1.0	1.0
Q	Bush-clover, prairie									
Q	Butterwort, Godfrey's									0.0
Q	Button, Mohr's Barbara									0.0

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		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
Q	Cactus, Mesa Verde							0.5		0.5
Q	Cactus, Peebles Navaho							4.0		4.0
Q	Cactus, Pima pineapple							3.0		3.0
Q	Campion, fringed									0.0
Q	Chaffseed, American									0.0
Q	Clover, running buffalo		0.5							0.5
Q	Coneflower, smooth						1.0			1.0
Q	Dawn-flower, Texas prairie								14.5	14.5
Q	Dogweed, ashy									0.0
Q	Dropwort, Canby's									0.0
Q	Evening-primrose, San Benito									0.0
Q	Frankenia, Johnston's									0.0
Q	Geocarpon minimum				0.6					0.6
Q	Goldfields, Burke's							30.0		30.0
Q	Goldfields, Contra Costa							0.0		0.0
Q	Gourd, Okeechobee									0.0
Q	Grass, Eureka Dune							5.0		5.0
Q	Grass, Tennessee yellow-eyed									0.0

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		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
Q	Harperella									0.0
Q	Howellia, water				3.0					3.0
Q	Jewelflower, California							0.5		0.5
Q	Ladies'-tresses, Navasota									0.0
Q	Ladies'-tresses, Ute							14.5	4.2	18.7
Q	Leather flower, Alabama									0.0
Q	Loosestrife, rough-leaved						1.0			1.0
Q	Meadowfoam, Sebastopol							30.0		30.0
Q	Meadowrue, Cooley's									0.0
Q	Monkshood, northern wild		1.0							0.0
Q	Navarretia, many-flowered									0.0
Q	Orchid, eastern prairie fringed									0.0
Q	Orchid, western prairie fringed				0.1					0.1
Q	Pink, swamp			5.0						5.0
Q	Pinkroot, gentian									0.0
Q	Pitcher-plant, Alabama canebrake									0.0
Q	Pitcher-plant, green									0.0
Q	Pogonia, small whorled			4.0						4.0

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		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
Q	Pondberry		1.0							1.0
Q	Poppy-mallow, Texas								0.2	0.2
Q	Potato-bean, Price's									0.0
Q	Prairie-clover, leafy									
Q	Rosemary, Apalachicola									0.0
Q	Skullcap, Florida									0.0
Q	Skullcap, large-flowered									0.0
Q	Spineflower, slender-horned							65.0		65.0
Q	Spurge, telephus									0.0
Q	Sumac, Michaux's									0.0
Q	Sunshine, Sonoma (= Stickyseed, Baker's)							30.0		30.0
Q	Trillium, relict									0.0
Q	Wallflower, Contra Costa							2.0		2.0
Q	Wallflower, Menzies'							2.0		2.0
Q	Water-plantain, Kral's									0.0
Q	Wild-buckwheat, gypsum							0.5		0.5
Q	Wild-rice, Texas								1.0	1.0
Q	Wooly-star, Hoover's									0.0

TABLE I

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS CIVIL WORKS
DIRECT PROGRAM

FY96 EXPENDITURES TO IMPLEMENT THE ENDANGERED SPECIES ACT
($K)

Group/Specie		Division								CORPS
		LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD	
Q	Wooly-star, Santa Ana River							75.0		75.0
Q	Wooly-threads, San Joaquin									0.0
R	Torreya, Florida									0.0
S	Fern, Alabama streak-sorus									0.0
S	Fern, American hart's tongue									0.0
S	Quilwort, black spored									0.0
Sub-total:		0.0	3.0	67.6	3.7	0.0	35.0	319.5	21.3	448.7
Total		327.0	615.1	986.5	69,058.1	0.0	1,897.0	2,753.9	1,148.1	76,784.3

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

October 3, 1997

In reply refer to: ECB

Mr. Jay Gent
United States Department of the Interior
Fish and Wildlife Service
Washington, D.C. 20240

Dear Mr. Gent:

By letter of August 28, 1997, from the Director of the Fish and Wildlife Service to Mr. Hardy, Administrator of the Bonneville Power Administration, we were requested to provide to you a list of expenditures relating to the Endangered Species Act (ESA) listed species for Fiscal Year (FY) 1996. This letter responds to your request.

The expenditures in Fiscal Year 1996 were for four listed species. These species are the Redfish Lake Sockeye, the Snake River Spring/Summer Chinook, the Snake River Fall Chinook, and the Kootenai River Sturgeon. Where possible, these expenses are shown by species and in many cases benefit all three species. The net power purchase/foregone revenues costs associated with hydro operations (spill, flow augmentation, water budget and reservoir levels) are estimates at this time because detailed analysis of these costs has not yet been completed. The hydro operations costs are based on the average of fifty water years and are distributed between the two categories of Chinook listed below based on a 50/50 split to reflect the assumed benefits both species of Chinook receive. These costs include both those expenditures specifically mandated by ESA and also those expenditures that, while not specifically mandated, are intended to assist in the recovery of ESA-listed species.

Bonneville Power Administration
ESA Related Direct Fish and Wildlife Funding
(Dollars in Millions - Budget Outlays)
Fiscal Year 1996

Snake River Spring/Summer Chinook	
Law enforcement benefiting Chinook	$ 1.1
Coded wire tagging Chinook	$ 0.2
Snake River Chinook projects	$ 3.3
*Squawfish research and removal	$ 2.3
Subtotal	$ 6.9
Net Power Purchases/Foregone Revenues	
MOA Actuals	$ 51.0
Total	**$ 57.9**

Snake River Fall Chinook	
Law enforcement benefiting Chinook	$ 1.1
Coded wire tagging Chinook	$ 0.2
Snake River Chinook projects	$ 3.3
*Squawfish research and removal	$ 2.3
Subtotal	$ 6.9
Net Power Purchases/Foregone Revenues	
MOA Actuals	$ 51.0
Total	**$ 57.9**
Redfish Lake Sockeye	
Research benefiting Sockeye	$ 1.6
Law enforcement benefiting Sockeye	$ 1.1
Total	**$ 2.7**
Kootenai River Sturgeon	
Sturgeon Projects	$ 1.1
Total	**$ 1.1**
Total ESA Outlays for Fiscal Year 1996	**$112.7**

* Denotes activities that benefited all three listed species.

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

Sincerely,

D. Robert Lohn

D. Robert Lohn, Director
Division of Fish and Wildlife

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

IN REPLY REFER TO:

JAN 29 1998

Fish, Wildlife & Recreation

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

Dear Ms. Rappaport-Clark:

This is in reply to your request of August 20, 1997, concerning a list (copy enclosed) of the Bureau of Indian Affairs' expenditures for Fiscal Year 1996 for federally-listed, threatened and endangered species.

I apologize for the delay in our response. Some of our Area Offices had difficulty compiling their expenditures and were late reporting it to the Central Office.

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

Sincerely,

Hilda A. Manuel
Deputy Commissioner of Indian Affairs

Enclosure

(january 16, 1998)

BUREAU OF INDIAN AFFAIRS
THREATENED AND ENDANGERED SPECIES EXPENDITURES
FY 1996 (dollars in thousands)

GROUP	SPECIES	EXPENDITURES
B	American Peregrine Falcon	34.1
B	Bald Eagle	62.1
B	Brown Pelican	0.1
B	Cactus Ferruginous Pygmy Owl	0.6
B	California Condor	1
B	Least Tern	1
B	Marbled Murrelet	564
B	Mexican Spotted Owl	132.54
B	Northern Spotted Owl	3931
B	Piping Plover	1
B	Red-cockaded Woodpecker	10
B	Southwest Willow Flycatcher	53.13
B	Yuma Clapper Rail	0.1
F	Apache Trout	0.7
F	Bony-tailed Chub	1.5
F	Colorado Squawfish	395.7
F	Humpback Chub	85.3
F	Loach Minnow	0.3
F	Railroad Valley Springfish	0.6
F	Razorback Sucker	491.4
M	Black-footed Ferret	17.8
M	Gray Wolf	92
M	Grizzly Bear	104
M	Hualapai Vole	8
M	Jaguar	0.3
M	Lesser Long-nosed Bat	0.3
M	Mexican Gray Wolf	1
M	Grama Grass Cactus	1
P	Brady's Pincushion Cactus	3.8
P	Mancos Milkvetch	13.8
P	Knowlton Cactus	10
P	Mesa Verde Cactus	22.8
P	Nichol's Turk's Head Cactus	0.2
P	Pima Pineapple Cactus	0.2
P	Navajo Sedge	3.8
P	Sentry Milkvetch	3.8
P	Ute Ladie's Tress	2.5
P	Welsh's Milkweed	3.3
	TOTAL EXPENDITURES	6054.77

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Washington, D.C. 20240

In Reply Refer To:
6840 (230)

October 2, 1997

E. LaVerne Smith
Chief, Division of Endangered Species
Fish and Wildlife Service
4401 N. Fairfax Drive, MS-452 ARLSQ
Washington, D.C. 20240

Dear Ms. Smith:

This is in response to your request for fiscal year 1996 threatened and endangered species expenditures in the Bureau of Land Management. Enclosed is a detailed breakdown of expenditures by species. Please contact Eric Lawton at (202) 452-7760 if you need any additional information.

Sincerely,

Christine A. Jauhola
Group Administrator
Fish, Wildlife and Forest Group

Enclosure

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

NOTE: AMOUNTS IN THOUSANDS OF $$$

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

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Total
					0	0	0
3	A	Bat, gray	Myotis grisescens	E			0
1	A	Bat, Hawaiian hoary	Lasiurus cinereus semotus	E			0
3	A	Bat, Indiana	Myotis sodalis	E			0
2	A	Bat, lesser long-nosed	Leptonycteris curasoae yerbabuenae	E	6.5		6.5
1	A	Bat, little Mariana fruit	Pteropus tokudae	E			0
1	A	Bat, Mariana fruit	Pteropus mariannus mariannus	E			0
2	A	Bat, Mexican long-nosed	Leptonycteris nivalis	E	1.7		1.7
2	A	Bat, Ozark big-eared	Plecotus townsendii ingens	E			0
5	A	Bat, Virginia big-eared	Plecotus townsendii virginianus	E			0
6	A	Bear, grizzly	Ursus arctos	T	59		59
4	A	Bear, Louisiana black	Ursus americanus luteolus	T			0
1	A	Caribou, woodland	Rangifer tarandus caribou	E			0
5	A	Cougar, eastern	Felis concolor couguar	E			0
1	A	Deer, Columbian white-tailed	Odocoileus virginianus leucurus	E	57		57
4	A	Deer, key	Odocoileus virginianus clavium	E			0
6	A	Ferret, black-footed	Mustela nigripes	E	226.5		226.5
1	A	Fox, San Joaquin kit	Vulpes macrotis mutica	E	21.5	390	411.5
2	A	Jaguarundi	Felis yagouaroundi cacomitli	E			0
2	A	Jaguarundi	Felis yagouaroundi tolteca	E	0.1		0.1
1	A	Kangaroo rat, Fresno	Dipodomys nitratoides exilis	E			0
1	A	Kangaroo rat, giant	Dipodomys ingens	E	31.5	390	421.5
1	A	Kangaroo rat, Morro Bay	Dipodomys heermanni morroensis	E			0
1	A	Kangaroo rat, Stephens'	Dipodomys stephensi	E	15		15
1	A	Kangaroo rat, Tipton	Dipodomys nitratoides nitratoides	E	5		5
4	A	Manatee, West Indian (=Florida)	Trichechus manatus	E			0
1	A	Mountain beaver, Point Arena	Aplodontia rufa nigra	E			0
4	A	Mouse, Alabama beach	Peromyscus polionotus ammobates	E			0
4	A	Mouse, Anastasia Island beach	Peromyscus polionotus phasma	E			0
4	A	Mouse, Choctawahatchee beach	Peromyscus polionotus allophrys	E			0
4	A	Mouse, Key Largo cotton	Peromyscus gossypinus allapaticola	E			0
1	A	Mouse, Pacific pocket	Perognathus longimembris pacificus	E			0
4	A	Mouse, Perdido Key beach	Peromyscus polionotus trissyllepsis	E			0
1	A	Mouse, salt marsh harvest	Reithrodontomys raviventris	E			0
4	A	Mouse, southeastern beach	Peromyscus polionotus niveiventris	T			0
2	A	Ocelot	Felis pardalis	E	0.2		0.2
1	A	Otter, southern sea	Enhydra lutris nereis	T			0
4	A	Panther, Florida	Felis concolor coryi	E			0

6	A	Prairie dog, Utah	Cynomys parvidens	T	82	82
2	A	Pronghorn, Sonoran	Antilocapra americana sonoriensis	E	26	26
4	A	Rabbit, Lower Keys	Sylvilagus palustris hefneri	E		0
4	A	Rice rat (=silver rice rat)	Oryzomys palustris natator	E		0
N	A	Sea-lion, Steller	Eumetopias jubatus	T		0
N	A	Seal, Caribbean monk	Monachus tropicalis	E		0
N	A	Seal, Hawaiian monk	Monachus schauinslandi	E		0
N	A	Seal, guadalupe fur	Arctocephalus townsendi	T		0
5	A	Shrew, Dismal Swamp southeastern	Sorex longirostris fisheri	T		0
4	A	Squirrel, Carolina northern flying	Glaucomys sabrinus coloratus	E		0
5	A	Squirrel, Delmarva Peninsula fox	Sciurus niger cinereus	E		0
2	A	Squirrel, Mount Graham red	Tamiasciurus hudsonicus grahamensis	E		0
5	A	Squirrel, Virginia northern flying	Glaucomys sabrinus fuscus	E		0
1	A	Vole, Amargosa	Microtus californicus scirpensis	E	4	4
4	A	Vole, Florida salt marsh	Microtus pennsylvanicus dukecampbelli	E		0
2	A	Vole, Hualapai Mexican	Microtus mexicanus hualpaiensis	E	4	4
N	A	Whale, blue	Balaenoptera musculus	E		0
N	A	Whale, bowhead	Balaena mysticetus	E		0
N	A	Whale, finback	Balaenoptera physalus	E		0
N	A	Whale, gray	Eschrichtius robustus	E		0
N	A	Whale, humpback	Megaptera novaeangliae	E		0
N	A	Whale, right	Balaena glacialis (incl. australis)	E		0
N	A	Whale, Sei	Balaenoptera borealis	E		0
N	A	Whale, sperm	Physeter macrocephalus (=catodon)	E		0
3	A	Wolf, gray	Canis lupus	T		0
3	A	Wolf, gray	Canis lupus	E	28	28
4	A	Wolf, red	Canis rufus	E		0
4	A	Woodrat, Key Largo	Neotoma floridana smalli	E		0
4	B	Blackbird, yellow-shouldered	Agelaius xanthomus	E		0
2	B	Bobwhite, masked (quail)	Colinus virginianus ridgwayi	E		0
1	B	Broadbill, Guam	Myiagra freycineti	E		0
4	B	Caracara, Audubon's crested	Polyborus plancus audubonii	T		0
1	B	Condor, California	Gymnogyps californianus	E	44.5	44.5
1	B	Coot, Hawaiian (=`alae-ke`oke`o)	Fulica americana alai	E		0
4	B	Crane, Mississippi sandhill	Grus canadensis pulla	E		0
2	B	Crane, whooping	Grus americana	E	2	2
1	B	Creeper, Hawaii	Oreomystis mana	E		0
1	B	Creeper, Molokai (=kakawahie)	Paroreomyza flammea	E		0
1	B	Creeper, Oahu (=alauwahio)	Paroreomyza maculata	E		0
1	B	Crow, Hawaiian (=`alala)	Corvus hawaiiensis	E		0
1	B	Crow, Mariana	Corvus kubaryi	E		0
7	B	Curlew, Eskimo	Numenius borealis	E		0
1	B	Duck, Hawaiian (=koloa)	Anas wyvilliana	E		0
1	B	Duck, Laysan	Anas laysanensis	E		0
3	B	Eagle, bald	Haliaeetus leucocephalus	T	306	306
7	B	Eider, spectacled	Somateria fischeri	T	150	150
1	B	Falcon, American peregrine	Falco peregrinus anatum	E	225	225
2	B	Falcon, northern aplomado	Falco femoralis septentrionalis	E	7.5	7.5
1	B	Finch, Laysan (honeycreeper)	Telespyza cantans	E		0
1	B	Finch, Nihoa (honeycreeper)	Telespyza ultima	E		0

2	B	Flycatcher, southwestern willow	Empidonax traillii extimus	E	161		161
1	B	Gnatcatcher, coastal California	Polioptila californica californica	T	25		25
7	B	Goose, Aleutian Canada	Branta canadensis leucopareia	T	0.9		0.9
1	B	Goose, Hawaiian (=nene)	Nesochen sandvicensis	E			0
1	B	Hawk, Hawaiian (=io)	Buteo solitarius	E			0
4	B	Hawk, Puerto Rican broad-winged	Buteo platypterus brunnescens	E			0
4	B	Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	E			0
1	B	Honeycreeper, crested (=`akohekohe)	Palmeria dolei	E			0
4	B	Jay, Florida scrub	Aphelocoma coerulescens coerulescens	T	15		15
1	B	Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	E			0
4	B	Kite, Everglade snail	Rostrhamus sociabilis plumbeus	E			0
1	B	Mallard, Mariana	Anas oustaleti	E			0
1	B	Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	E			0
1	B	Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	E			0
1	B	Monarch, Tinian (old world flycatcher)	Monarcha takatsukasae	T			0
1	B	Moorhen, Hawaiian common	Gallinula chloropus sandvicensis	E			0
1	B	Moorhen, Mariana common	Gallinula chloropus guami	E			0
1	B	Murrelet, marbled	Brachyramphus marmoratus marmoratus	T	570.5	9	579.5
4	B	Nightjar, Puerto Rican	Caprimulgus noctitherus	E			0
1	B	Nukupu`u (honeycreeper)	Hemignathus lucidus	E			0
2	B	Owl, Mexican spotted	Strix occidentalis lucida	T	76.5		76.5
1	B	Owl, northern spotted	Strix occidentalis caurina	T	768	9	777
1	B	Palila (honeycreeper)	Loxioides bailleui	E			0
1	B	Parrotbill, Maui (honeycreeper)	Pseudonestor xanthophrys	E			0
4	B	Parrot, Puerto Rican	Amazona vittata	E			0
1	B	Pelican, brown	Pelecanus occidentalis	E	0.1		0.1
1	B	Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	E			0
4	B	Pigeon, Puerto Rican plain	Columba inornata wetmorei	E			0
3	B	Plover, piping	Charadrius melodus	E			0
3	B	Plover, piping	Charadrius melodus	T	20		20
1	B	Plover, western snowy	Charadrius alexandrinus nivosus	T	36.5		36.5
1	B	Po`ouli (honeycreeper)	Melamprosops phaeosoma	E			0
2	B	Prairie-chicken, Attwater's greater	Tympanuchus cupido attwateri	E			0
1	B	Rail, California clapper	Rallus longirostris obsoletus	E			0
1	B	Rail, Guam	Rallus owstoni	E			0
1	B	Rail, light-footed clapper	Rallus longirostris levipes	E			0
2	B	Rail, Yuma clapper	Rallus longirostris yumanensis	E	6		6
1	B	Shearwater, Newell's Townsend's (formerly Man	Puffinus auricularis newelli	T			0
1	B	Shrike, San Clemente loggerhead	Lanius ludovicianus mearnsi	E			0
4	B	Sparrow, Cape Sable seaside	Ammodramus maritimus mirabilis	E			0
4	B	Sparrow, Florida grasshopper	Ammodramus savannarum floridanus	E			0
1	B	Sparrow, San Clemente sage	Amphispiza belli clementeae	T			0
1	B	Stilt, Hawaiian (=ae`o)	Himantopus mexicanus knudseni	E			0
4	B	Stork, wood	Mycteria americana	E			0
1	B	Swiftlet, Mariana gray (=vanikoro)	Aerodramus vanikorensis bartschi	E			0
1	B	Tern, California least	Sterna antillarum browni	E			0
3	B	Tern, least	Sterna antillarum	E	21		21
5	B	Tern, roseate	Sterna dougallii dougallii	E			0
5	B	Tern, roseate	Sterna dougallii dougallii	T			0
1	B	Thrush, large Kauai	Myadestes myadestinus	E			0

1	B	Thrush, Molokai (=oloma`o)	Myadestes lanaiensis rutha	E			0
1	B	Thrush, small Kauai (=puaiohi)	Myadestes palmeri	E			0
2	B	Towhee, Inyo California (=brown)	Pipilo crissalis eremophilus	T	8		8
2	B	Vireo, black-capped	Vireo atricapillus	E			0
1	B	Vireo, least Bell's	Vireo bellii pusillus	E			0
4	B	Warbler, Bachman's	Vermivora bachmanii	E			0
2	B	Warbler, golden-cheeked	Dendroica chrysoparia	E			0
3	B	Warbler, Kirtland's	Dendroica kirtlandii	E			0
1	B	Warbler, nightingale reed	Acrocephalus luscinia	E			0
1	B	White-eye, bridled	Zosterops conspicillatus conspicillatus	E			0
4	B	Woodpecker, ivory-billed	Campephilus principalis	E			0
4	B	Woodpecker, red-cockaded	Picoides borealis	E	1		1
1	B	`Akepa, Hawaii (honeycreeper)	Loxops coccineus coccineus	E			0
1	B	`Akepa, Maui (honeycreeper)	Loxops coccineus ochraceus	E			0
1	B	`Akialoa, Kauai (honeycreeper)	Hemignathus procerus	E			0
1	B	`Akiapola`au (honeycreeper)	Hemignathus munroi	E			0
1	B	`O`o, Kauai (=`o`o `a`a) (honeyeater)	Moho braccatus	E			0
1	B	`O`u (honeycreeper)	Psittirostra psittacea	E			0
4	C	Anole, Culebra Island giant	Anolis roosevelti	E			0
4	C	Boa, Mona	Epicrates monensis monensis	T			0
4	C	Boa, Puerto Rican	Epicrates inornatus	E			0
4	C	Boa, Virgin Islands tree	Epicrates monensis granti	E			0
4	C	Crocodile, American	Crocodylus acutus	E			0
4	C	Gecko, Monito	Sphaerodactylus micropithecus	E			0
4	C	Iguana, Mona ground	Cyclura stejnegeri	T			0
1	C	Lizard, blunt-nosed leopard	Gambelia silus	E	41.5	390	431.5
1	C	Lizard, Coachella Valley fringe-toed	Uma inornata	T	5		5
1	C	Lizard, Island night	Xantusia riversiana	T			0
4	C	Lizard, St. Croix ground	Ameiva polops	E			0
2	C	Rattlesnake, New Mexican ridge-nosed	Crotalus willardi obscurus	T			0
4	C	Skink, bluetail mole	Eumeces egregius lividus	T			0
4	C	Skink, sand	Neoseps reynoldsi	T			0
4	C	Snake, Atlantic salt marsh	Nerodia clarkii taeniata	T			0
2	C	Snake, Concho water	Nerodia paucimaculata	T			0
4	C	Snake, eastern indigo	Drymarchon corais couperi	T			0
1	C	Snake, giant garter	Thamnophis gigas	T			0
1	C	Snake, San Francisco garter	Thamnophis sirtalis tetrataenia	E			0
1	C	Tortoise, desert	Gopherus agassizii	T	795		795
4	C	Tortoise, gopher	Gopherus polyphemus	T	1		1
4	C	Turtle, Alabama redbelly (=red-bellied)	Pseudemys alabamensis	E			0
4	C	Turtle, flattened musk	Sternotherus depressus	T			0
2	C	Turtle, green sea	Chelonia mydas	E			0
2	C	Turtle, green sea	Chelonia mydas	T			0
2	C	Turtle, hawksbill sea (=carey)	Eretmochelys imbricata	E			0
2	C	Turtle, Kemp's ridley sea	Lepidochelys kempii	E			0
2	C	Turtle, leatherback sea	Dermochelys coriacea	E			0
2	C	Turtle, loggerhead sea	Caretta caretta	T			0
2	C	Turtle, olive ridley sea	Lepidochelys olivacea	T			0
5	C	Turtle, Plymouth redbelly (=red-bellied)	Pseudemys rubriventris bangsi	E			0
4	C	Turtle, ringed map (=sawback)	Graptemys oculifera	T			0

4	C	Turtle, yellow-blotched map (=sawback)	Graptemys flavimaculata	T		0
4	D	Coqui, golden	Eleutherodactylus jasperi	T		0
1	D	Frog, California red-legged	Rana aurora draytonii	T	0.5	0.5
5	D	Salamander, Cheat Mountain	Plethodon nettingi	T		0
1	D	Salamander, desert slender	Batrachoseps aridus	E	1	1
4	D	Salamander, Red Hills	Phaeognathus hubrichti	T		0
2	D	Salamander, San Marcos	Eurycea nana	T		0
1	D	Salamander, Santa Cruz long-toed	Ambystoma macrodactylum croceum	E		0
5	D	Salamander, Shenandoah	Plethodon shenandoah	E		0
2	D	Salamander, Texas blind	Typhlomolge rathbuni	E		0
1	D	Toad, Arroyo southwestern	Bufo microscaphus californicus	E		0
2	D	Toad, Houston	Bufo houstonensis	E		0
4	D	Toad, Puerto Rican crested	Peltophryne lemur	T		0
6	D	Toad, Wyoming	Bufo hemiophrys baxteri	E		0
2	E	Catfish, Yaqui	Ictalurus pricei	T		0
4	E	Cavefish, Alabama	Speoplatyrhinus poulsoni	E		0
4	E	Cavefish, Ozark	Amblyopsis rosae	T		0
6	E	Chub, bonytail	Gila elegans	E	15	15
1	E	Chub, Borax Lake	Gila boraxobius	E	8	8
2	E	Chub, Chihuahua	Gila nigrescens	T		0
6	E	Chub, humpback	Gila cypha	E	9	9
1	E	Chub, Hutton tui	Gila bicolor ssp.	T		0
1	E	Chub, Mohave tui	Gila bicolor mohavensis	E	1	1
1	E	Chub, Oregon	Oregonichthys crameri	E		0
1	E	Chub, Owens tui	Gila bicolor snyderi	E	0.8	0.8
1	E	Chub, Pahranagat roundtail (=bonytail)	Gila robusta jordani	E		0
4	E	Chub, slender	Erimystax cahni	T		0
2	E	Chub, Sonora	Gila ditaenia	T		0
4	E	Chub, spotfin (=turquoise shiner)	Cyprinella monacha	T		0
6	E	Chub, Virgin River	Gila robusta semidnuda	E	8	8
2	E	Chub, Yaqui	Gila purpurea	E		0
1	E	Cui-ui	Chasmistes cujus	E		0
1	E	Dace, Ash Meadows speckled	Rhinichthys osculus nevadensis	E		0
4	E	Dace, blackside	Phoxinus cumberlandensis	T		0
1	E	Dace, Clover Valley speckled	Rhinichthys osculus oligoporus	E		0
1	E	Dace, desert	Eremichthys acros	T	33.5	33.5
1	E	Dace, Foskett speckled	Rhinichthys osculus ssp.	T		0
1	E	Dace, Independence Valley speckled	Rhinichthys osculus lethoporus	E		0
6	E	Dace, Kendall Warm Springs	Rhinichthys osculus thermalis	E		0
1	E	Dace, Moapa	Moapa coriacea	E	15	15
4	E	Darter, amber	Percina antesella	E		0
4	E	Darter, bayou	Etheostoma rubrum	T		0
4	E	Darter, bluemask (=jewel)	Etheostoma (Doration) sp.	E		0
4	E	Darter, boulder (=Elk River)	Etheostoma wapiti	E		0
4	E	Darter, Cherokee	Etheostoma (Ulocentra) sp.	T		0
4	E	Darter, duskytail	Etheostoma (Catonotus) sp.	E		0
4	E	Darter, Etowah	Etheostoma etowahae	E		0
2	E	Darter, fountain	Etheostoma fonticola	E		0
4	E	Darter, goldline	Percina aurolineata	T		0
2	E	Darter, leopard	Percina pantherina	T		0

5	E	Darter, Maryland	Etheostoma sellare	E		0
3	E	Darter, Niangua	Etheostoma nianguae	T		0
4	E	Darter, Okaloosa	Etheostoma okaloosae	E		0
4	E	Darter, relict	Etheostoma chienense	E		0
4	E	Darter, slackwater	Etheostoma boschungi	T		0
4	E	Darter, snail	Percina tanasi	T		0
4	E	Darter, watercress	Etheostoma nuchale	E		0
2	E	Gambusia, Big Bend	Gambusia gaigei	E		0
2	E	Gambusia, Clear Creek	Gambusia heterochir	E		0
2	E	Gambusia, Pecos	Gambusia nobilis	E		0
2	E	Gambusia, San Marcos	Gambusia georgei	E		0
1	E	Goby, tidewater	Eucyclogobius newberryi	E		0
4	E	Logperch, Conasauga	Percina jenkinsi	E		0
5	E	Logperch, Roanoke	Percina rex	E		0
6	E	Madtom, Neosho	Noturus placidus	T		0
4	E	Madtom, pygmy	Noturus stanauli	E		0
3	E	Madtom, Scioto	Noturus trautmani	E		0
4	E	Madtom, Smoky	Noturus baileyi	E		0
4	E	Madtom, yellowfin	Noturus flavipinnis	T		0
2	E	Minnow, loach	Rhinichthys cobitis	T	4.7	4.7
2	E	Minnow, Rio Grande silvery	Hybognathus amarus	E	2	2
1	E	Poolfish, Pahrump	Empetrichthys latos	E	1.5	1.5
1	E	Pupfish, Ash Meadows Amargosa	Cyprinodon nevadensis mionectes	E		0
2	E	Pupfish, Comanche Springs	Cyprinodon elegans	E		0
2	E	Pupfish, desert	Cyprinodon macularius	E	10	10
1	E	Pupfish, Devils Hole	Cyprinodon diabolis	E		0
2	E	Pupfish, Leon Springs	Cyprinodon bovinus	E		0
1	E	Pupfish, Owens	Cyprinodon radiosus	E	1.4	1.4
1	E	Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	E		0
N	E	Salmon, chinook, Sacramento R. winter run	Oncorhynchus tshawytscha	T		0
N	E	Salmon, chinook, Snake R. fall run	Oncorhynchus tshawytscha	T	9	9
N	E	Salmon, chinook, Snake R. spring/summer run	Oncorhynchus tshawytscha	T	3585	3585
N	E	Salmon, sockeye (=red, =blueback), Snake R.	Oncorhynchus nerka	E	2	2
4	E	Sculpin, pygmy	Cottus pygmaeus	T		0
2	E	Shiner, beautiful	Cyprinella formosa	T		0
4	E	Shiner, blue	Cyprinella caerulea	T		0
4	E	Shiner, Cahaba	Notropis cahabae	E		0
4	E	Shiner, Cape Fear	Notropis mekistocholas	E		0
4	E	Shiner, Palezone	Notropis sp.	E		0
2	E	Shiner, Pecos bluntnose	Notropis simus pecosensis	T		0
4	E	Silverside, Waccamaw	Menidia extensa	T		0
1	E	Smelt, delta	Hypomesus transpacificus	T		0
2	E	Spikedace	Meda fulgida	T	4.5	4.5
1	E	Spinedace, Big Spring	Lepidomeda mollispinis pratensis	T	1	1
2	E	Spinedace, Little Colorado	Lepidomeda vittata	T		0
1	E	Spinedace, White River	Lepidomeda albivallis	E	0.5	0.5
1	E	Springfish, Hiko White River	Crenichthys baileyi grandis	E	1.5	1.5
1	E	Springfish, Railroad Valley	Crenichthys nevadae	T	2.5	2.5
1	E	Springfish, White River	Crenichthys baileyi baileyi	E	3	3
6	E	Squawfish, Colorado	Ptychocheilus lucius	E	35	35

1	E	Stickleback, unarmored threespine	Gasterosteus aculeatus williamsoni	E			0
4	E	Sturgeon, Gulf	Acipenser oxyrhynchus desotoi	T			0
6	E	Sturgeon, pallid	Scaphirhynchus albus	E	3		3
N	E	Sturgeon, shortnose	Acipenser brevirostrum	E			0
1	E	Sturgeon, white (Kootenai River pop.)	Acipenser transmontanus	E	1		1
6	E	Sucker, June	Chasmistes liorus	E			0
1	E	Sucker, Lost River	Deltistes luxatus	E	65.5		65.5
1	E	Sucker, Modoc	Catostomus microps	E			0
6	E	Sucker, razorback	Xyrauchen texanus	E	46		46
1	E	Sucker, shortnose	Chasmistes brevirostris	E	65.5		65.5
1	E	Sucker, Warner	Catostomus warnerensis	T	28		28
2	E	Topminnow, Gila (incl. Yaqui)	Poeciliopsis occidentalis	E	4		4
2	E	Trout, Apache (=Arizona)	Oncorhynchus apache	T			0
2	E	Trout, Gila	Oncorhynchus gilae	E	2		2
6	E	Trout, greenback cutthroat	Oncorhynchus clarki stomias	T	17		17
1	E	Trout, Lahontan cutthroat	Oncorhynchus clarki henshawi	T	409.5	105	514.5
1	E	Trout, Little Kern golden	Oncorhynchus aguabonita whitei	T			0
1	E	Trout, Paiute cutthroat	Oncorhynchus clarki seleniris	T			0
N	E	Trout, Umpqua River cutthroat	Oncorhynchus clarki clarki	E	426		426
6	E	Woundfin	Plagopterus argentissimus	E	8		8
4	F	Acornshell, southern	Epioblasma othcaloogensis	E			0
5	F	Clubshell	Pleurobema clava	E			0
4	F	Clubshell, black (=Curtus' mussel)	Pleurobema curtum	E			0
4	F	Clubshell, ovate	Pleurobema perovatum	E			0
4	F	Clubshell, southern	Pleurobema decisum	E			0
4	F	Combshell, southern (=penitent mussel)	Epioblasma penita	E			0
4	F	Combshell, upland	Epioblasma metastriata	E			0
4	F	Elktoe, Appalachian	Alasmidonta raveneliana	E			0
4	F	Fanshell	Cyprogenia stegaria	E			0
4	F	Fatmucket, Arkansas	Lampsilis powelli	T			0
4	F	Heelsplitter, Carolina	Lasmigona decorata	E			0
4	F	Heelsplitter, inflated	Potamilus inflatus	T			0
4	F	Kidneyshell, triangular	Ptychobranchus greeni	E			0
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama	Lampsilis virescens	E			0
4	F	Moccasinshell, Alabama	Medionidus acutissimus	T			0
4	F	Moccasinshell, Coosa	Medionidus parvulus	E			0
4	F	Mucket, orange-nacre	Lampsilis perovalis	T			0
5	F	Mussel, dwarf wedge	Alasmidonta heterodon	E			0
4	F	Mussel, ring pink (=golf stick pearly)	Obovaria retusa	E			0
3	F	Mussel, winged mapleleaf	Quadrula fragosa	E			0
4	F	Pearlshell, Louisiana	Margaritifera hembeli	T			0
4	F	Pearlymussel, Appalachian monkeyface	Quadrula sparsa	E			0
4	F	Pearlymussel, birdwing	Conradilla caelata	E			0
4	F	Pearlymussel, cracking	Hemistena lata	E			0
4	F	Pearlymussel, Cumberland bean	Villosa trabalis	E			0
4	F	Pearlymussel, Cumberland monkeyface	Quadrula intermedia	E			0
3	F	Pearlymussel, Curtis'	Epioblasma florentina curtisi	E			0
4	F	Pearlymussel, dromedary	Dromus dromas	E			0
4	F	Pearlymussel, green-blossom	Epioblasma torulosa gubernaculum	E			0
3	F	Pearlymussel, Higgins' eye	Lampsilis higginsi	E			0

4	F	Pearlymussel, little-wing	Pegias fabula	E		0
4	F	Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	E		0
4	F	Pearlymussel, pale lilliput	Toxolasma cylindrellus	E		0
4	F	Pearlymussel, pink mucket	Lampsilis abrupta	E		0
4	F	Pearlymussel, purple cat's paw	Epioblasma obliquata obliquata	E		0
4	F	Pearlymussel, tubercled-blossom	Epioblasma torulosa torulosa	E		0
4	F	Pearlymussel, turgid-blossom	Epioblasma turgidula	E		0
3	F	Pearlymussel, white cat's paw	Epioblasma obliquata perobliqua	E		0
4	F	Pearlymussel, white wartyback	Plethobasus cicatricosus	E		0
4	F	Pearlymussel, yellow-blossom	Epioblasma florentina florentina	E		0
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel	Pleurobema gibberum	E		0
4	F	Pigtoe, dark	Pleurobema furvum	E		0
4	F	Pigtoe, fine-rayed	Fusconaia cuneolus	E		0
4	F	Pigtoe, flat (=Marshall's mussel)	Pleurobema marshalli	E		0
4	F	Pigtoe, heavy (=Judge Tait's mussel)	Pleurobema taitianum	E		0
4	F	Pigtoe, rough	Pleurobema plenum	E		0
4	F	Pigtoe, shiny	Fusconaia cor	E		0
4	F	Pigtoe, southern	Pleurobema georgianum	E		0
4	F	Pocketbook, fat	Potamilus capax	E		0
4	F	Pocketbook, fine-lined	Lampsilis altilis	T		0
4	F	Pocketbook, speckled	Lampsilis streckeri	E		0
5	F	Riffleshell, northern	Epioblasma torulosa rangiana	E		0
4	F	Riffleshell, tan	Epioblasma walkeri	E		0
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly	Arkansia wheeleri	E		0
5	F	Spinymussel, James River (=Virginia)	Pleurobema collina	E		0
4	F	Spinymussel, Tar River	Elliptio steinstansana	E		0
4	F	Stirrupshell	Quadrula stapes	E		0
6	G	Ambersnail, Kanab	Oxyloma haydeni kanabensis	E	3	3
1	G	Limpet, Banbury Springs	Lanx sp.	E		0
4	G	Marstonia (snail), royal (=obese)	Pyrgulopsis ogmoraphe	E		0
4	G	Riversnail, Anthony's	Athearnia anthonyi	E		0
4	G	Shagreen, Magazine Mountain	Mesodon magazinensis	T		0
1	G	Snails, Oahu tree	Achatinella^ spp. (all species)	E		0
1	G	Snail, Bliss Rapids	Taylorconcha serpenticola	T	9	9
5	G	Snail, Chittenango ovate amber	Succinea chittenangoensis	T		0
5	G	Snail, flat-spired three-toothed	Triodopsis platysayoides	T		0
3	G	Snail, Iowa Pleistocene	Discus macclintocki	E		0
1	G	Snail, Morro shoulderband (=Banded dune)	Helminthoglypta walkeriana	E		0
4	G	Snail, noonday	Mesodon clarki nantahala	T		0
4	G	Snail, painted snake coiled forest	Anguispira picta	T		0
1	G	Snail, Snake River physa	Physa natricina	E	9.5	9.5
4	G	Snail, Stock Island tree	Orthalicus reses	T		0
4	G	Snail, tulotoma (=Alabama live-bearing)	Tulotoma magnifica	E		0
1	G	Snail, Utah valvata	Valvata utahensis	E	0.3	0.3
5	G	Snail, Virginia fringed mountain	Polygyriscus virginianus	E		0
2	G	Springsnail, Alamosa	Tryonia alamosae	E	2	2
1	G	Springsnail, Bruneau Hot	Pyrgulopsis bruneauensis	E	112.5	112.5
1	G	Springsnail, Idaho	Fontelicella idahoensis	E	9	9
2	G	Springsnail, Socorro	Pyrgulopsis neomexicana	E	2	2
5	I	Beetle, American burying (=giant carrion)	Nicrophorus americanus	E	1	1

2	I	Beetle, Coffin Cave mold	Batrisodes texanus	E		0
1	I	Beetle, delta green ground	Elaphrus viridis	T		0
3	I	Beetle, Hungerford's crawling water	Brychius hungerfordi	E		0
2	I	Beetle, Kretschmarr Cave mold	Texamaurops reddelli	E		0
5	I	Beetle, northeastern beach tiger	Cicindela dorsalis dorsalis	T		0
5	I	Beetle, Puritan tiger	Cicindela puritana	T		0
2	I	Beetle, Tooth Cave ground	Rhadine persephone	E		0
1	I	Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	T		0
1	I	Butterfly, bay checkerspot	Euphydryas editha bayensis	T		0
1	I	Butterfly, El Segundo blue	Euphilotes battoides allyni	E		0
5	I	Butterfly, Karner blue	Lycaeides melissa samuelis	E		0
1	I	Butterfly, Lange's metalmark	Apodemia mormo langei	E		0
1	I	Butterfly, lotis blue	Lycaeides argyrognomon lotis	E		0
1	I	Butterfly, mission blue	Icaricia icarioides missionensis	E		0
3	I	Butterfly, Mitchell's satyr	Neonympha mitchellii mitchellii	E		0
1	I	Butterfly, Myrtle's silverspot	Speyeria zerene myrtleae	E		0
1	I	Butterfly, Oregon silverspot	Speyeria zerene hippolyta	T		0
1	I	Butterfly, Palos Verdes blue	Glaucopsyche lygdamus palosverdesensis	E		0
4	I	Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	E		0
1	I	Butterfly, San Bruno elfin	Callophrys mossii bayensis	E		0
4	I	Butterfly, Schaus swallowtail	Heraclides aristodemus ponceanus	E		0
1	I	Butterfly, Smith's blue	Euphilotes enoptes smithi	E		0
6	I	Butterfly, Uncompahgre fritillary	Boloria acrocnema	E	3	3
3	I	Dragonfly, Hine's (=Ohio) emerald	Somatochlora hineana	E		0
1	I	Fly, Delhi Sands flower-loving	Rhaphiomidas terminatus abdominalis	E		0
1	I	Moth, Kern primrose sphinx	Euproserpinus euterpe	T		0
1	I	Naucorid, Ash Meadows	Ambrysus amargosus	T	3	3
6	I	Skipper, Pawnee montane	Hesperia leonardus montana	T	1	1
2	J	Harvestman, Bee Creek Cave	Texella reddelli	E		0
2	J	Harvestman, Bone Cave	Texella reyesi	E		0
2	J	Pseudoscorpion, Tooth Cave	Microcreagris texana	E		0
4	J	Spider, spruce-fir moss	Microhexura montivaga	E		0
2	J	Spider, Tooth Cave	Leptoneta myopica	E		0
5	K	Amphipod, Hay's Spring	Stygobromus hayi	E		0
4	K	Crayfish, cave [no common name]	Cambarus aculabrum	E		0
4	K	Crayfish, cave [no common name]	Cambarus zophonastes	E		0
4	K	Crayfish, Nashville	Orconectes shoupi	E		0
1	K	Crayfish, Shasta (=placid)	Pacifastacus fortis	E		0
1	K	Fairy shrimp, Conservancy	Branchinecta conservatio	E		0
1	K	Fairy shrimp, longhorn	Branchinecta longiantenna	E	1	1
1	K	Fairy shrimp, riverside	Streptocephalus woottoni	E		0
1	K	Fairy shrimp, vernal pool	Branchinecta lynchi	T	1	1
5	K	Isopod, Lee County cave	Lirceus usdagalun	E		0
5	K	Isopod, Madison Cave	Antrolana lira	T		0
2	K	Isopod, Socorro	Thermosphaeroma thermophilus	E	2	2
4	K	Shrimp, Alabama cave	Palaemonias alabamae	E		0
1	K	Shrimp, California freshwater	Syncaris pacifica	E		0
4	K	Shrimp, Kentucky cave	Palaemonias ganteri	E		0
4	K	Shrimp, Squirrel Chimney Cave (=Florida cave)	Palaemonetes cummingi	T		0
1	K	Tadpole shrimp, vernal pool	Lepidurus packardi	E		0

2	Q	Sand-verbena, large-fruited	Abronia macrocarpa	E		0
1	Q	Abutilon eremitopetalum (=Sci name)	Abutilon eremitopetalum	E		0
1	Q	Ko`oloa`ula	Abutilon menziesii	E		0
1	Q	Abutilon sandwicense (=Sci name)	Abutilon sandwicense	E		0
1	Q	Liliwai	Acaena exigua	E		0
1	Q	Thornmint, San Mateo	Acanthomintha obovata ssp. duttonii	E		0
1	Q	Chaff-flower, round-leaved	Achyranthes splendens var. rotundata	E		0
3	Q	Monkshood, northern wild	Aconitum noveboracense	T		0
1	S	Fern, pendant kihi	Adenophorus periens	E		0
4	S	Adiantum vivesii (=Sci name)	Adiantum vivesii	E		0
4	Q	Joint-vetch, sensitive	Aeschynomene virginica	T		0
5	Q	Gerardia, sandplain	Agalinis acuta	E		0
2	Q	Agave, Arizona	Agave arizonica	E		0
1	Q	Mahoe	Alectryon macrococcus	E		0
1	Q	Alsinidendron obovatum (=Sci name)	Alsinidendron obovatum	E		0
1	Q	Alsinidendron trinerve (=Sci name)	Alsinidendron trinerve	E		0
1	Q	None	Amaranthus brownii	E		0
4	Q	Amaranth, seabeach	Amaranthus pumilus	T		0
2	Q	Ambrosia, south Texas	Ambrosia cheiranthifolia	E		0
4	Q	Lead-plant, Crenulate	Amorpha crenulata	E		0
4	Q	Amphianthus, little	Amphianthus pusillus	T		0
1	Q	Fiddleneck, Large-flowered	Amsinckia grandiflora	E		0
2	Q	Blue-star, Kearney's	Amsonia kearneyana	E		0
2	Q	Cactus, Tobusch fishhook	Ancistrocactus tobuschii	E		0
3	Q	Potato-bean, Price's	Apios priceana	T		0
1	Q	Rock-cress, McDonald's	Arabis mcdonaldiana	E		0
4	Q	Rock-cress	Arabis perstellata	E		0
5	Q	Rock-cress, shale barren	Arabis serotina	E		0
6	Q	Bear-poppy, dwarf	Arctomecon humilis	E	13	13
1	Q	Manzanita, Presido (=Raven's)	Arctostaphylos hookeri var. ravenii	E		0
1	Q	Manzanita, Morro	Arctostaphylos morroensis	T		0
4	Q	Sandwort, Cumberland	Arenaria cumberlandensis	E		0
1	Q	Sandwort, Marsh	Arenaria paludicola	E		0
2	Q	Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	E	6.5	6.5
1	Q	Silversword, Ka`u	Argyroxiphium kauense	E		0
1	Q	Silversword, Haleakala (`ahinahina)	Argyroxiphium sandwicense ssp. macrocephalum	E		0
1	Q	Silversword, `Ahinahina Mauna Kea	Argyroxiphium sandwicense ssp. sandwicense	E		0
4	Q	Aristida chaseae (=Sci name)	Aristida chaseae	E		0
4	Q	Pelos del diablo	Aristida portoricensis	E		0
3	Q	Milkweed, Mead's	Asclepias meadii	T		0
6	Q	Milkweed, Welsh's	Asclepias welshii	T	28	28
4	Q	Pawpaw, four-petal	Asimina tetramera	E	5	5
1	S	Asplenium fragile var. insulare (=Sci name)	Asplenium fragile var. insulare	E		0
3	S	Fern, American hart's-tongue	Asplenium scolopendrium var. americanum	T		0
1	Q	Milk-vetch, Cushenbury	Astragalus albens	E	3	3
1	Q	Milk-vetch, Applegate's	Astragalus applegatei	E		0
4	Q	Ground-plum, Guthrie's	Astragalus bibullatus	E		0
2	Q	Milk-vetch, Sentry	Astragalus cremnophylax var. cremnophylax	E		0
2	Q	Milk-vetch, Mancos	Astragalus humillimus	E	9	9
6	Q	Milk-vetch, heliotrope	Astragalus montii	T		0

6	Q	Milk-vetch, Osterhout	Astragalus osterhoutii	E	5		5
1	Q	Milk-vetch, Ash meadows	Astragalus phoenix	T			0
5	Q	Milk-vetch, Jesup's	Astragalus robbinsii var. jesupi	E			0
2	Q	Cactus, star	Astrophytum asterias	E			0
4	Q	Auerodendron pauciflorum (=Sci name)	Auerodendron pauciflorum	E			0
2	Q	Ayenia, Texas	Ayenia limitaris	E			0
4	Q	Palo de Ramon	Banara vanderbiltii	E			0
4	Q	Rattleweed, hairy	Baptisia arachnifera	E			0
1	Q	Barberry, Truckee	Berberis sonnei	E			0
5	Q	Birch, Virginia round-leaf	Betula uber	T			0
1	Q	Bidens, cuneate	Bidens cuneata	E			0
1	Q	ko`oko`olau	Bidens micrantha ssp. kalealaha	E			0
1	Q	Ko`oko`olau	Bidens wiebkei	E			0
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	Blennosperma bakeri	E			0
3	Q	Aster, decurrent false	Boltonia decurrens	T			0
4	Q	Bonamia, Florida	Bonamia grandiflora	T			0
1	Q	Bonamia menziesii (=Sci name)	Bonamia menziesii	E			0
1	Q	`Olulu	Brighamia insignis	E			0
1	Q	Pau`ala	Brighamia rockii	E			0
4	Q	Boxwood, Vahl's	Buxus vahlii	E			0
1	Q	Uhiuhi	Caesalpinia kavaiense	E			0
4	Q	Capa rosa	Callicarpa ampla	E			0
2	Q	Poppy-mallow, Texas	Callirhoe scabriuscula	E			0
1	Q	Mariposa lily, Tiburon	Calochortus tiburonensis	T			0
4	Q	Calyptranthes thomasiana (=Sci name)	Calyptranthes thomasiana	E			0
4	Q	Manaca, palma de	Calyptronoma rivalis	T			0
1	Q	Evening-primrose, San Benito	Camissonia benitensis	T	28		28
4	Q	Bellflower, Brooksville	Campanula robinsiae	E			0
1	Q	`Awikiwiki	Canavalia molokaiensis	E			0
4	Q	Bittercress, small-anthered	Cardamine micranthera	E			0
2	Q	Sedge, Navajo	Carex specuicola	T			0
1	Q	Paintbrush, Tiburon	Castilleja affinis ssp. negiecta	E			0
1	Q	Indian paintbrush, San Clemente Island	Castilleja grisea	E			0
1	Q	Jewelflower, California	Caulanthus californicus	E	12	390	402
1	Q	Ceanothus, coyote (=California-lilac, Coyote	Ceanothus ferrisae	E			0
1	Q	Centaury, spring-loving	Centaurium namophilum	T			0
1	Q	`Awiwi	Centaurium sebaeoides	E			0
4	Q	Prickly-apple, fragrant	Cereus eriophorus var. fragrans	E			0
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci	Chamaecrista glandulosa var. mirabilis	E			0
1	Q	`Akoko	Chamaesyce celastroides var. kaenana	E			0
4	Q	Spurge, deltoid	Chamaesyce deltoidea ssp. deltoidea	E			0
1	Q	`Akoko	Chamaesyce deppeana	E			0
4	Q	Spurge, Garber's	Chamaesyce garberi	T			0
1	Q	Chamaesyce halemanui (=Sci name)	Chamaesyce halemanui	E			0
1	Q	`Akoko	Chamaesyce kuwaleana	E			0
1	Q	`Akoko, Ewa Plains	Chamaesyce skottsbergii var. kalaeloana	E			0
4	Q	Tree, pygmy fringe	Chionanthus pygmaeus	E			0
1	Q	Spineflower, Howell's	Chorizanthe howellii	E			0
1	Q	Spineflower, Ben Lomond	Chorizanthe pungens var. hartwegiana	E			0
1	Q	Spineflower, Monterey	Chorizanthe pungens var. pungens	T			0

1	Q	Spineflower, Robust (incl. Scotts Valley)	Chorizanthe robusta (incl. vars. robusta & hartwegii	E		0
1	Q	Spineflower, Sonoma	Chorizanthe valida	E		0
4	Q	Aster, Florida golden	Chrysopsis floridana	E		0
1	Q	Thistle, fountain	Cirsium fontinale var. fontinale	E		0
1	Q	Thistle, Chorro Creek	Cirsium fontinale var. obispoense	E		0
3	Q	Thistle, Pitcher's	Cirsium pitcheri	T		0
2	Q	Thistle, Sacramento Mountains	Cirsium vinaceum	T		0
4	U	Cladonia, Florida perforate	Cladonia perforata	E		0
1	Q	Clarkia, Presidio	Clarkia franciscana	E		0
1	Q	Clarkia, Pismo	Clarkia speciosa ssp. immaculata	E		0
4	Q	Leather flower, Morefield's	Clematis morefieldii	E		0
4	Q	Leather flower, Alabama	Clematis socialis	E		0
1	Q	`Oha wai	Clermontia lindseyana	E		0
1	Q	`Oha wai	Clermontia oblongifolia ssp. brevipes	E		0
1	Q	`Oha wai	Clermontia oblongifolia ssp. mauiensis	E		0
1	Q	`Oha wai	Clermontia peleana	E		0
1	Q	`Oha wai	Clermontia pyrularia	E		0
4	Q	Wings, Pigeon	Clitoria fragrans	T		0
1	Q	Kauila	Colubrina oppositifolia	E		0
4	Q	Rosemary, short-leaved	Conradina brevifolia	E		0
4	Q	Rosemary, Etonia	Conradina etonia	E		0
4	Q	Rosemary, Apalachicola	Conradina glabra	E		0
4	Q	Rosemary, Cumberland	Conradina verticillata	T		0
1	Q	Bird's-beak, salt marsh	Cordylanthus maritimus ssp. maritimus	E		0
1	Q	Bird's beak, palmate-bracted	Cordylanthus palmatus	E		0
1	Q	Bird's-beak, Pennell's	Cordylanthus tenuis ssp. capillaris	E		0
4	Q	Palo de Nigua	Cornutia obovata	E		0
2	Q	Cactus, bunched cory	Coryphantha ramillosa	T		0
2	Q	Cactus, Cochise pincushion	Coryphantha robbinsorum	T	1	1
2	Q	Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	E	1	1
2	Q	Cactus, Lee pincushion	Coryphantha sneedii var. leei	T		0
2	Q	Cactus, Sneed pincushion	Coryphantha sneedii var. sneedii	E	2.5	2.5
4	Q	Cranichis ricartii (=Sci name)	Cranichis ricartii	E		0
4	Q	Higuero de Sierra	Crescentia portoricensis	E		0
4	Q	Ha ebells, Avon Park	Crotalaria avonensis	E		0
2	Q	Cat's-eye, Terlingua Creek	Cryptantha crassipes	E		0
1	S	Pauoa	Ctenitis squamigera	E		0
4	Q	Gourd, Okeechobee	Cucurbita okeechobeensis ssp. okeechobeensis	E		0
1	R	Cypress, Santa Cruz	Cupressus abramsiana	E		0
1	Q	Haha	Cyanea asarifolia	E		0
1	Q	Haha	Cyanea copelandii ssp. copelandii	E		0
1	Q	Haha	Cyanea grimesiana spp. obatae	E		0
1	Q	Haha	Cyanea hamatiflora ssp. carlsonii	E		0
1	Q	Haha	Cyanea lobata	E		0
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	Cyanea macrostegia ssp. gibsonii	E		0
1	Q	Haha	Cyanea mannii	E		0
1	Q	haha	Cyanea mceldowneyi	E		0
1	Q	Haha	Cyanea pinnatifida	E		0
1	Q	Haha	Cyanea procera	E		0
1	Q	Haha	Cyanea shipmannii	E		0

1	Q	Haha	Cyanea stictophylla	E			0
1	Q	Cyanea superba (=Sci name)	Cyanea superba	E			0
1	Q	Haha	Cyanea truncata	E			0
1	Q	Cyanea undulata (=Sci name)	Cyanea undulata	E			0
4	S	Fern, Elfin tree	Cyathea dryopteroides	E			0
2	Q	Cycladenia, Jones	Cycladenia humilis var. jonesii	T	6		6
1	Q	Ha`iwale	Cyrtandra crenata	E			0
1	Q	Ha`iwale	Cyrtandra giffardii	E			0
1	Q	Ha`iwale	Cyrtandra limahuliensis	T			0
1	Q	Ha`iwale	Cyrtandra munroi	E			0
1	Q	Ha`iwale	Cyrtandra polyantha	E			0
1	Q	Ha`iwale	Cyrtandra tintinnabula	E			0
3	Q	Prairie-clover, leafy	Dalea foliosa	E			0
4	Q	Daphnopsis hellerana (=Sci name)	Daphnopsis hellerana	E			0
4	Q	Pawpaw, beautiful	Deeringothamnus pulchellus	E			0
4	Q	Pawpaw, Rugel's	Deeringothamnus rugelii	E			0
1	Q	Delissea rhytidosperma (=Sci name)	Delissea rhytidosperma	E			0
1	Q	Larkspur, San Clemente Island	Delphinium variegatum ssp. kinkiense	E			0
4	Q	Mint, Garrett's (=scrub, in part)	Dicerandra christmanii	E			0
4	Q	Mint, longspurred	Dicerandra cornutissima	E			0
4	Q	Mint, scrub	Dicerandra frutescens	E			0
4	Q	Mint, Lakela's	Dicerandra immaculata	E			0
1	S	Diellia , asplenium-leaved	Diellia erecta	E			0
1	S	Diellia falcata (=Sci name)	Diellia falcata	E			0
1	S	Diellia pallida (=laciniata) (=Sci name)	Diellia pallida (=laciniata)	E			0
1	S	Diellia unisora (=Sci name)	Diellia unisora	E			0
1	S	Diplazium molokaiense (=Sci name)	Diplazium molokaiense	E			0
1	Q	Spineflower, slender-horned	Dodecahema leptoceras	E	4		4
1	Q	Na`ena`e	Dubautia herbstobatae	E			0
1	Q	Dubautia latifolia (=Sci name)	Dubautia latifolia	E			0
1	Q	Dubautia pauciflorula (=Sci name)	Dubautia pauciflorula	E			0
1	Q	Dudleya, Santa Clara Valley	Dudleya setchellii	E			0
1	Q	Liveforever, Santa Barbara Island	Dudleya traskiae	E			0
4	Q	Coneflower, smooth	Echinacea laevigata	E			0
4	Q	Coneflower, Tennessee purple	Echinacea tennesseensis	E			0
2	Q	Cactus, Nichol's Turk's head	Echinocactus horizonthalonius var. nicholii	E	0.2		0.2
2	Q	Cactus, Chisos Mtn. hedgehog	Echinocereus chisoensis var. chisoensis	T			0
2	Q	Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	E	2		2
2	Q	Cactus, Lloyd's hedgehog	Echinocereus lloydii	E			0
2	Q	Cactus, black lace	Echinocereus reichenbachii var. albertii	E			0
2	Q	Cactus, Arizona hedgehog	Echinocereus triglochidiatus var. arizonicus	E	3		3
2	Q	Pitaya, Davis' green	Echinocereus viridiflorus var. davisii	E			0
2	Q	Cactus, Lloyd's Mariposa	Echinomastus mariposensis	T			0
4	S	Elaphoglossum serpens (=Sci name)	Elaphoglossum serpens	E			0
1	Q	Sunray, Ash Meadows	Enceliopsis nudicaulis var. corrugata	T			0
1	Q	Mallow, Kern	Eremalche kernensis	E	11.5		11.5
1	Q	Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	E			0
1	Q	Woolly-star, Hoover's	Eriastrum hooveri	T	4.5	390	394.5
6	Q	Daisy, Maguire	Erigeron maguirei var. maguirei	E	2		2
1	Q	Daisy, Parish's	Erigeron parishii	T			0

2	Q	Fleabane, Rhizome	Erigeron rhizomatus	T	2	2
1	Q	Mountain balm, Indian Knob	Eriodictyon altissimum	E		0
2	Q	Wild-buckwheat, gypsum	Eriogonum gypsophilum	T	3	3
4	Q	Buckwheat, scrub	Eriogonum longifolium var. gnaphalifolium	T		0
1	Q	Buckwheat, cushenbury	Eriogonum ovalifolium var. vineum	E		0
1	Q	Buckwheat, steamboat	Eriogonum ovalifolium var. williamsiae	E		0
6	Q	Wild-buckwheat, clay-loving	Eriogonum pelinophilum	E	6	6
1	Q	Sunflower, San Mateo woolly	Eriophyllum latilobum	E		0
1	Q	Button-celery, San Diego	Eryngium aristulatum var. parishii	E		0
1	Q	Thistle, Loch Lomond coyote	Eryngium constancei	E		0
4	Q	Snakeroot	Eryngium cuneifolium	E		0
1	Q	Wallflower, Contra Costa	Erysimum capitatum var. angustatum	E		0
1	Q	Wallflower, Menzies'	Erysimum menziesii	E		0
1	Q	Wallflower, Ben Lomond	Erysimum teretifolium	E		0
3	Q	Lily, Minnesota trout	Erythronium propullans	E		0
2	Q	Cactus, Nellie cory	Escobaria minima	E		0
4	Q	Uvillo	Eugenia haematocarpa	E		0
1	Q	Nioi	Eugenia koolauensis	E		0
4	Q	Eugenia woodburyana (=Sci name)	Eugenia woodburyana	E		0
4	Q	Spurge, telephus	Euphorbia telephioides	T		0
6	Q	Mustard, Penland alpine fen	Eutrema penlandii	T	5	5
1	Q	Heau	Exocarpos luteolus	E		0
1	Q	Me`iamehame	Flueggea neowawraea	E		0
2	Q	Frankenia, Johnston's	Frankenia johnstonii	E		0
1	Q	Gahnia lanaiensis (=Sci name)	Gahnia lanaiensis	E		0
4	Q	Milkpea, Small's	Galactia smallii	E		0
1	Q	Gardenia, Hawaiian (na`u)	Gardenia brighamii	E		0
3	Q	Geocarpon minimum (=Sci name)	Geocarpon minimum	T		0
1	Q	Geranium, Hawaiian red-flowered	Geranium arboreum	E		0
1	Q	No`ioanu	Geranium multiflorum	E		0
4	Q	Gesneria pauciflora (=Sci name)	Gesneria pauciflora	T		0
4	Q	Avens, spreading	Geum radiatum	E		0
1	Q	Gilia, Monterey	Gilia tenuiflora ssp. arenaria	E		0
4	Q	Goetzea, beautiful (matabuey)	Goetzea elegans	E		0
1	Q	Gouania hillebrandii (=Sci name)	Gouania hillebrandii	E		0
1	Q	Gouania meyenii (=Sci name)	Gouania meyenii	E		0
1	Q	Gouania vitifolia (=Sci name)	Gouania vitifolia	E		0
1	Q	Gumplant, Ash Meadows	Grindelia fraxino-pratensis	T		0
4	U	Lichen, rock gnome	Gymnoderma lineare	E		0
1	Q	Haplostachys haplostachya (=Sci name)	Haplostachys haplostachya	E		0
4	Q	Beauty, Harper's	Harperocallis flava	E		0
4	Q	Churnbo, higo	Harrisia portoricensis	T		0
2	Q	Pennyroyal, Todsen's	Hedeoma todsenii	E	4	4
1	Q	`Awiwi	Hedyotis cookiana	E		0
1	Q	Kio`ele	Hedyotis coriacea	E		0
1	Q	Hedyotis degeneri (=Sci name)	Hedyotis degeneri	E		0
1	Q	Pilo	Hedyotis mannii	E		0
1	Q	Hedyotis parvula (=Sci name)	Hedyotis parvula	E		0
4	Q	Bluet, Roan Mountain	Hedyotis purpurea var. montana	E		0
1	Q	Hedyotis, Na Pali beach	Hedyotis st.-johnii	E		0

4	Q	Sunflower, Schweinitz's	Helianthus schweinitzii	E		0
5	Q	Pink, swamp	Helonias bullata	T		0
1	Q	Dwarf-flax, Marin	Hesperolinon congestum	T		0
1	Q	Hesperomannia arborescens (=Sci name)	Hesperomannia arborescens	E		0
1	Q	Hesperomannia arbuscula (=Sci name)	Hesperomannia arbuscula	E		0
1	Q	Hesperomannia lydgatei (=Sci name)	Hesperomannia lydgatei	E		0
4	Q	Heartleaf, dwarf-flowered	Hexastylis naniflora	T		0
1	Q	Kauai hau kuahiwi	Hibiscadelphus distans	E		0
1	Q	Koki`o ke`oke`o	Hibiscus arnottianus ssp. immaculatus	E		0
1	Q	Ma o hau hele (=biscus, native yellow)	Hibiscus brackenridgei	E		0
1	Q	Hibiscus, Clay's	Hibiscus clayi	E		0
2	Q	Rush-pea, slender	Hoffmannseggia tenella	E		0
6	Q	Howellia, water	Howellia aquatilis	T		0
4	Q	Heather, mountain golden	Hudsonia montana	T		0
1	S	Wawae`iole	Huperzia mannii	E		0
3	Q	Daisy, lakeside	Hymenoxys herbacea (=acaulis var. glabra^)	T		0
2	Q	Dawn-flower, Texas prairie	Hymenoxys texana	E		0
4	Q	Hypericum, highlands scrub	Hypericum cumulicola	E		0
4	Q	Holly, Cook's	Ilex cookii	E		0
4	Q	Ilex sintenisii (=Sci name)	Ilex sintenisii	E		0
5	Q	Mallow, Peter's Mountain	Iliamna corei	E		0
2	Q	Ipomopsis, Holy Ghost	Ipomopsis sancti-spiritus	E		0
3	Q	Iris, dwarf lake	Iris lacustris	T		0
1	Q	Ischaemum, Hilo	Ischaemum byrone	E		0
1	Q	Aupaka	Isodendrion hosakae	E		0
1	Q	Kula, wahine noho	Isodendrion pyrifolium	E		0
1	S	Quillwort, Louisiana	Isoetes louisianensis	E		0
4	S	Quillwort, black spored	Isoetes melanospora	E		0
4	S	Quillwort, mat-forming	Isoetes tegetiformans	E		0
3	Q	Pogonia, small whorled	Isotria medeoloides	T		0
1	Q	Ivesia, Ash Meadows	Ivesia kingii var. eremica	T		0
4	Q	Jacquemontia, beach	Jacquemontia reclinata	E		0
1	Q	Water-willow, Cooley's	Justicia cooleyi	E		0
1	Q	Kokio, Cooke's	Kokia cookei	E		0
1	Q	Koki`o (=hau-hele`ula or Hawaii tree cotton)	Kokia drynarioides	E		0
1	Q	Kamakahala	Labordia lydgatei	E		0
1	Q	Goldfields, Burke's	Lasthenia burkei	E		0
1	Q	Layia, beach	Layia carnosa	E		0
1	Q	Wooly-threads, San Joaquin	Lembertia congdonii	E		0
4	Q	Lepanthes eltoroensis (=Sci name)	Lepanthes eltoroensis	E		0
6	Q	Ridge-cress (=pepper-cress), Barneby	Lepidium barnebyanum	E		0
4	Q	Leptocereus grantianus (=Sci name)	Leptocereus grantianus	E		0
3	Q	Bush-clover, prairie	Lespedeza leptostachya	T		0
6	Q	Bladderpod, Dudley Bluffs	Lesquerella congesta	T	4	4
3	Q	Bladderpod, Missouri	Lesquerella filiformis	E		0
1	Q	Bladderpod, San Bernardino Mountains	Lesquerella kingii ssp. bernardina	E		0
4	Q	Bladderpod, lyrate	Lesquerella lyrata	T		0
2	Q	Bladderpod, white	Lesquerella pallida	E		0
6	Q	Bladderpod, kodachrome	Lesquerella tumulosa	E	3	3
4	Q	Blazingstar, Heller's	Liatris helleri	T		0

4	Q	Blazingstar, scrub	Liatris ohlingerae	E		0
1	Q	Lily, Western	Lilium occidentale	E	14	14
1	Q	Meadowfoam, Butte County	Limnanthes floccosa ssp. californica	E		0
1	Q	Meadowfoam, Sebastopol	Limnanthes vinculans	E		0
3	Q	Pondberry	Lindera melissifolia	E		0
1	Q	Nehe	Lipochaeta fauriei	E		0
1	Q	Nehe	Lipochaeta kamolensis	E		0
1	Q	Nehe	Lipochaeta lobata var. leptophylla	E		0
1	Q	Nehe	Lipochaeta micrantha	E		0
1	Q	Nehe	Lipochaeta tenuifolia	E		0
1	Q	Lipochaeta venosa (=Sci name)	Lipochaeta venosa	E		0
1	Q	Nehe	Lipochaeta waimeaensis	E		0
1	Q	Lobelia niihauensis (=Sci name)	Lobelia niihauensis	E		0
1	Q	Lobelia oahuensis (=Sci name)	Lobelia oahuensis	E		0
1	Q	Lomatium, Bradshaw's	Lomatium bradshawii	E	22	22
1	Q	Broom, San Clemente Island	Lotus dendroideus ssp. traskiae	E		0
4	Q	Lupine, scrub	Lupinus aridorum	E		0
1	Q	Lupine, clover	Lupinus tidestromii	E		0
1	S	Ha`iwale	Lycopodium nutans	E		0
4	Q	Lyonia truncata var. proctorii (=Sci name)	Lyonia truncata var. proctorii	E		0
4	Q	Loosestrife, rough-leaved	Lysimachia asperulaefolia	E		0
1	Q	Lysimachia filifolia (=Sci name)	Lysimachia filifolia	E		0
1	Q	Lysimachia lydgatei (=Sci name)	Lysimachia lydgatei	E		0
4	Q	Birds-in-a-nest, white	Macbridea alba	T		0
1	Q	Bush-mallow, San Clemente Island	Malacothamnus clementinus	E		0
2	Q	Manioc, Walker's	Manihot walkerae	E		0
1	Q	Mariscus fauriei (=Sci name)	Mariscus fauriei	E		0
1	Q	Mariscus pennatiformis (=Sci name)	Mariscus pennatiformis	E		0
4	Q	Button, Mohr's Barbara	Marshallia mohrii	T		0
1	S	Ihi`ihi	Marsilea villosa	E		0
1	Q	Alani	Melicope adscendens	E		0
1	Q	Alani	Melicope balloui	E		0
1	Q	Alani	Melicope haupuensis	E		0
1	Q	Alani	Melicope knudsenii	E		0
1	Q	Alani	Melicope lydgatei	E		0
1	Q	Alani	Melicope mucronulata	E		0
1	Q	Alani	Melicope ovalis	E		0
1	Q	Alani	Melicope pallida	E		0
1	Q	Alani	Melicope quadrangularis	E		0
1	Q	Alani	Melicope reflexa	E		0
1	Q	Blazingstar, Ash Meadows	Mentzelia leucophylla	T		0
3	Q	Monkey-flower, Michigan	Mimulus glabratus var. michiganensis	E		0
1	Q	Four-o'clock, MacFarlane's	Mirabilis macfarlanei	E	6	6
4	Q	Mitracarpus maxwelliae (=Sci name)	Mitracarpus maxwelliae	E		0
4	Q	Mitracarpus polycladus (=Sci name)	Mitracarpus polycladus	E		0
1	Q	Munroidendron racemosum (=Sci name)	Munroidendron racemosum	E		0
4	Q	Myrcia paganii (=Sci name)	Myrcia paganii	E		0
1	Q	Neraudia angulata (=Sci name)	Neraudia angulata	E		0
1	Q	Neraudia sericea (=Sci name)	Neraudia sericea	E		0
1	Q	Niterwort, Amargosa	Nitrophila mohavensis	E		0

4	Q	Beargrass, Britton's	Nolina brittoniana	E		0
1	Q	`Aiea	Nothocestrum breviflorum	E		0
1	Q	`Aiea	Nothocestrum peltatum	E		0
1	Q	Kulu`i	Nototrichium humile	E		0
1	Q	Holei	Ochrosia kilaueaensis	E		0
1	Q	Evening-primrose, Eureka Valley	Oenothera avita ssp. eurekensis	E		0
1	Q	Evening-primrose, Antioch Dunes	Oenothera deltoides ssp. howellii	E		0
1	Q	Cactus, Bakersfield	Opuntia treleasei	E		0
1	Q	Grass, California Orcutt	Orcuttia californica	E		0
4	Q	Rosa, palo de	Ottoschulzia rhodoxylon	E		0
4	Q	Dropwort, Canby's	Oxypolis canbyi	E		0
1	Q	Oxytheca, cushenbury	Oxytheca parishii var. goodmaniana	E	3	3
3	Q	Locoweed, Fassett's	Oxytropis campestris var. chartacea	T		0
1	Q	Panicgrass, Carter's	Panicum fauriei var. carteri	E		0
4	Q	Whitlow-wort, papery	Paronychia chartacea	T		0
5	Q	Lousewort, Furbish	Pedicularis furbishiae	E		0
2	Q	Cactus, Brady pincushion	Pediocactus bradyi	E	6	6
6	Q	Cactus, San Rafael	Pediocactus despainii	E	3	3
2	Q	Cactus, Knowlton	Pediocactus knowltonii	E	4.5	4.5
2	Q	Cactus, Peebles Navajo	Pediocactus peeblesianus var. peeblesianus	E		0
2	Q	Cactus, Siler pincushion	Pediocactus sileri	T	14	14
6	Q	Penstemon, blowout	Penstemon haydenii	E		0
6	Q	Beardtongue, Penland	Penstemon penlandii	E		0
1	Q	Pentachaeta, white-rayed	Pentachaeta bellidiflora	E		0
4	Q	Peperomia, Wheeler's	Peperomia wheeleri	E		0
1	Q	Makou	Peucedanum sandwicense	T		0
6	Q	Phacelia, clay	Phacelia argillacea	E		0
6	Q	Phacelia, North Park	Phacelia formosula	E	6	6
2	Q	Phlox, Texas trailing	Phlox nivalis ssp. texensis	E		0
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	Phyllostegia glabra var. lanaiensis	E		0
1	Q	Phyllostegia mannii (=Sci name)	Phyllostegia mannii	E		0
1	Q	Phyllostegia mollis (=Sci name)	Phyllostegia mollis	E		0
1	Q	Phyllostegia waimeae (=Sci name)	Phyllostegia waimeae	E		0
6	Q	Twinpod, Dudley Bluffs	Physaria obcordata	T	4	4
4	Q	Cactus, Key tree	Pilosocereus robinii	E		0
4	Q	Butterwort, Godfrey's	Pinguicula ionantha	T		0
4	Q	Aster, Ruth's golden	Pityopsis ruthii	E		0
1	Q	Kuahiwi, laukahi	Plantago hawaiensis	E		0
1	Q	Kuahiwi, laukahi	Plantago princeps	E		0
3	Q	Orchid, eastern prairie fringed	Platanthera leucophaea	T		0
2	Q	Orchid, western prairie fringed	Platanthera praeclara	T		0
4	Q	Chupacallos (=Chupagallo)	Pleodendron macranthum	E		0
1	Q	Bluegrass, Mann's	Poa mannii	E		0
1	Q	Bluegrass, Hawaiian	Poa sandvicensis	E		0
1	Q	Poa siphonoglossa (=Sci name)	Poa siphonoglossa	E		0
1	Q	Mesa-mint, San Diego	Pogogyne abramsii	E		0
1	Q	Mesa-mint, Otay	Pogogyne nudiuscula	E		0
4	Q	Polygala, Lewton's	Polygala lewtonii	E		0
4	Q	Polygala, tiny	Polygala smallii	E		0
4	Q	Wireweed	Polygonella basiramia	E		0

4	Q	Sandlace	Polygonella myriophylla	E		0
7	S	Fern, Aleutian shield	Polystichum aleuticum	E		0
4	S	Polystichum calderonense (=Sci name)	Polystichum calderonense	E		0
1	Q	Po`e	Portulaca sclerocarpa	E		0
2	Q	Pondweed, Little Aguja Creek	Potamogeton clystocarpus	E		0
5	Q	Cinquefoil, Robbins'	Potentilla robbinsiana	E		0
6	Q	Primrose, Maguire	Primula maguirei	T		0
1	Q	Loulu	Pritchardia affinis	E		0
1	Q	Wahane (=Hawane or loulu)	Pritchardia aylmer-robinsonii	E		0
1	Q	Loulu	Pritchardia munroi	E		0
1	Q	None	Pritchardia remota	E		0
4	Q	Plum, scrub	Prunus geniculata	E		0
1	Q	Kaulu	Pteralyxia kauaiensis	E		0
1	S	Pteris lidgatei (=Sci name)	Pteris lidgatei	E		0
5	Q	Harperella	Ptilimnium nodosum	E		0
2	Q	Cliff-rose, Arizona	Purshia subintegra	E	5	5
2	Q	Oak, Hinckley	Quercus hinckleyi	T		0
6	Q	Buttercup, autumn	Ranunculus acriformis var. aestivalis	E		0
1	Q	Remya kauaiensis (=Sci name)	Remya kauaiensis	E		0
1	Q	Remya, Maui	Remya mauiensis	E		0
1	Q	Remya montgomeryi (=Sci name)	Remya montgomeryi	E		0
4	Q	Rhododendron, Chapman	Rhododendron chapmanii	E		0
4	Q	Sumac, Michaux's	Rhus michauxii	E		0
5	Q	Beaked-rush, Knieskern's	Rhynchospora knieskernii	T		0
4	Q	Gooseberry, Miccosukee (Florida)	Ribes echinellum	T		0
1	Q	Rollandia crispa (=Sci name)	Rollandia crispa	E		0
1	Q	Watercress, Gambel's	Rorippa gambellii	E		0
4	Q	Arrowhead, bunched	Sagittaria fasciculata	E		0
4	Q	Water-plantain, Kral's	Sagittaria secundifolia	T		0
1	Q	Sanicula mariversa (=Sci name)	Sanicula mariversa	E		0
1	Q	Sandalwood, Lanai or `iliahi	Santalum freycinetianum var. lanaiense	E		0
4	Q	Pitcher-plant, green	Sarracenia oreophila	E		0
4	Q	Pitcher-plant, Alabama canebrake	Sarracenia rubra ssp. alabamensis	E		0
4	Q	Pitcher-plant, mountain sweet	Sarracenia rubra ssp. jonesii	E		0
1	Q	Naupaka, dwarf	Scaevola coriacea	E		0
1	Q	Schiedea, Diamond Head	Schiedea adamantis	E		0
1	Q	Ma`oli`oli	Schiedea apokremnos	E		0
1	Q	Schiedea haleakalensis (=Sci name)	Schiedea haleakalensis	E		0
1	Q	Schiedea kaalae (=Sci name)	Schiedea kaalae	E		0
1	Q	Schiedea lydgatei (=Sci name)	Schiedea lydgatei	E		0
1	Q	Schiedea spergulina var. leiopoda (=Sci name)	Schiedea spergulina var. leiopoda	E		0
1	Q	Schiedea spergulina var. spergulina (=Sci nam	Schiedea spergulina var. spergulina	T		0
1	Q	None	Schiedea verticillata	E		0
6	Q	Reed-mustard, clay	Schoenocrambe argillacea	T		0
6	Q	Reed-mustard, Barneby	Schoenocrambe barnebyi	E	1	1
6	Q	Cress, toad-flax	Schoenocrambe suffrutescens	E		0
4	Q	Schoepfia arenaria (=Sci name)	Schoepfia arenaria	T		0
4	Q	Chaffseed, American	Schwalbea americana	E		0
5	Q	Bulrush, Northeastern (=barbed bristle)	Scirpus ancistrochaetus	E		0
6	Q	Cactus, Unita Basin hookless	Sclerocactus glaucus	T	7	7

2	Q	Cactus, Mesa Verde	Sclerocactus mesae-verdae	T	3	3
6	Q	Cactus, Wright fishhook	Sclerocactus wrightiae	E	10	10
4	Q	Skullcap, Florida	Scutellaria floridana	T		0
4	Q	Skullcap, large-flowered	Scutellaria montana	E		0
3	Q	Roseroot, Leedy's	Sedum integrifolium ssp. leedyi	T		0
2	Q	Groundsel, San Francisco Peaks	Senecio franciscanus	T		0
1	Q	Lagu, Hyan	Serianthes nelsonii	E		0
1	Q	`Ohai	Sesbania tomentosa	E		0
1	Q	Checker-mallow, Nelson's	Sidalcea nelsoniana	T		0
1	Q	Checker-mallow, pedate	Sidalcea pedata	E		0
1	Q	Silene alexandri (=Sci name)	Silene alexandri	E		0
1	Q	Silene hawaiiensis (=Sci name)	Silene hawaiiensis	T		0
1	Q	Silene lanceolata (=Sci name)	Silene lanceolata	E		0
1	Q	Silene perlmanii (=Sci name)	Silene perlmanii	E		0
4	Q	Campion, fringed	Silene polypetala	E		0
4	Q	Irisette, white	Sisyrinchium dichotomum	E		0
4	Q	Erubia	Solanum drymophilum	E		0
1	Q	Popolo, ku mai (=Popolo, thorny)	Solanum incompletum	E		0
1	Q	`Aiakeakua, popolo	Solanum sandwicense	E		0
4	Q	Goldenrod, white-haired	Solidago albopilosa	T		0
3	Q	Goldenrod, Houghton's	Solidago houghtonii	T		0
4	Q	Goldenrod, Short's	Solidago shortii	E		0
4	Q	Goldenrod, Blue Ridge	Solidago spithamaea	T		0
1	Q	Spermolepis hawaiiensis (=Sci name)	Spermolepis hawaiiensis	E		0
4	Q	Pinkroot, gentian	Spigelia gentianoides	E		0
4	Q	Spiraea, Virginia	Spiraea virginiana	T		0
6	Q	Ladies'-tresses, Ute	Spiranthes diluvialis	T	28	28
2	Q	Ladies'-tresses, Navasota	Spiranthes parksii	E		0
4	Q	Negra, cobana	Stahlia monosperma	T		0
1	Q	Stenogyne angustifolia (=Sci name)	Stenogyne angustifolia	E		0
1	Q	Stenogyne bifida (=Sci name)	Stenogyne bifida	E		0
1	Q	Stenogyne campanulata (=Sci name)	Stenogyne campanulata	E		0
1	Q	Stenogyne kanehoana (=Sci name)	Stenogyne kanehoana	E		0
1	Q	Wire-lettuce, Malheur	Stephanomeria malheurensis	E	6	6
1	Q	Jewelflower, Metcalf Canyon	Streptanthus albidus ssp. albidus	E		0
1	Q	Jewelflower, Tiburon	Streptanthus niger	E		0
4	Q	Palo de jazmin	Styrax portoricensis	E		0
2	Q	Snowbells, Texas	Styrax texana	E		0
1	Q	Seablite, California	Suaeda californica	E		0
1	Q	Grass, Eureka Dune	Swallenia alexandrae	E		0
4	S	Tectaria estremerana (=Sci name)	Tectaria estremerana	E		0
4	Q	Palo colorado	Ternstroemia luquillensis	E		0
4	Q	Ternstroemia subsessilis (=Sci name)	Ternstroemia subsessilis	E		0
1	Q	Tetramolopium rockii (=Sci name)	Tetramolopium rockii	T		0
1	Q	Tetramolopium arenarium (=Sci name)	Tetramolopium arenarium	E		0
1	Q	Pamakani	Tetramolopium capillare	E		0
1	Q	Tetramolopium filiforme (=Sci name)	Tetramolopium filiforme	E		0
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci	Tetramolopium lepidotum ssp. lepidotum	E		0
1	Q	Tetramolopium remyi (=Sci name)	Tetramolopium remyi	E		0
1	Q	`Ohe`ohe	Tetraplasandra gymnocarpa	E		0

4	Q	Meadowrue, Cooley's	Thalictrum cooleyi	E			0
1	Q	Mustard, slender-petaled	Thelypodium stenopetalum	E			0
4	S	Thelypteris inabonensis (=Sci name)	Thelypteris inabonensis	E			0
4	S	Fern, Alabama streak-sorus	Thelypteris pilosa var. alabamensis	T			0
4	S	Thelypteris verecunda (=Sci name)	Thelypteris verecunda	E			0
4	S	Thelypteris yaucoensis (=Sci name)	Thelypteris yaucoensis	E			0
2	Q	Dogweed, ashy	Thymophylla tephroleuca	E			0
4	R	Torreya, Florida	Torreya taxifolia	E			0
6	Q	Townsendia, Last Chance	Townsendia aprica	T	10		10
4	Q	Bariaco	Trichilia triacantha	E			0
3	Q	Clover, running buffalo	Trifolium stoloniferum	E			0
4	Q	Trillium, persistent	Trillium persistens	E			0
4	Q	Trillium, relict	Trillium reliquum	E			0
1	Q	Grass, Solano	Tuctoria mucronata	E			0
1	Q	Opuhe	Urera kaalae	E			0
4	Q	Vernonia proctorii (=Sci name)	Vernonia proctorii	E			0
1	Q	Vetch, Hawaiian	Vicia menziesii	E			0
1	Q	Vigna o-wahuensis (=Sci name)	Vigna o-wahuensis	E			0
1	Q	Pamakani	Viola chamissoniana ssp. chamissoniana	E			0
1	Q	Viola helenae (=Sci name)	Viola helenae	E			0
1	Q	Viola lanaiensis (=Sci name)	Viola lanaiensis	E			0
4	Q	Warea, wide-leaf	Warea amplexifolia	E			0
4	Q	Mustard, Carter's	Warea carteri	E			0
1	Q	Iliau, dwarf	Wilkesia hobdyi	E			0
1	Q	Xylosma crenatum (=Sci name)	Xylosma crenatum	E			0
4	Q	Grass, Tennessee yellow-eyed	Xyris tennesseensis	E			0
1	Q	A`e	Zanthoxylum hawaiiense	E			0
4	Q	Prickly-ash, St. Thomas	Zanthoxylum thomasianum	E			0
2	Q	Wild-rice, Texas	Zizania texana	E			0
4	Q	Ziziphus, florida	Ziziphus celata	E			0
				Totals:	9171.9	2073	11244.9

United States Department of the Interior

BUREAU OF RECLAMATION
Washington, D.C. 20240

NOV 26 1997

IN REPLY REFER TO:
W-5000

MEMORANDUM

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

From: Acting for Eluid L. Martinez
Commissioner

Subject: Reporting of Expenditures for the Endangered Species Act - Fiscal Year 1996

Per your request of August 20, 1997, please find attached the subject report for the Bureau of Reclamation. This information is to be compiled in your annual report to Congress on agencies' expenditures for endangered and threatened species.

The attached data was compiled using reports from our regional and area offices. Expenditures were calculated by combining conservation actions and activities associated with compliance under Section 7 of the Endangered Species Act (ESA). Reclamation's total expenditures for ESA compliance for FY1996 were $36,275,828.

As requested by Susan Jacobson of your office, those species that were not able to be located and entered on the Service's electronic reporting template have been separated out and compiled on a separate list. The species on the second list will be researched by Ms. Jacobson to determine inclusion or exclusion in your final reporting figures. Expense data has been entered for species that were able to be located on the template; a hard copy of that has been attached. An electronic copy on computer disk of the three attachments is provided for your convenience.

For further information, please contact Judy Troast at 202/208-4442 or Theresa Taylor at 303/236-9336, extension 262.

Attachments (3)

I. Total Expenditures for Threatened and Endangered Species

Bureau of Reclamation, Fiscal Year 1996 (filename: esabor.wk4)

*Those species marked with an asterisk were not able to be located and entered on the electronic template of listed. species provided by USFWS. A separate spreadsheet is attached for further research by USFWS.

Species	*Actual Dollar Expenditures*
Ambersnail, Kanab	350,000
*Arkansas River Shiner	5,500
*Beetle, Ciervo aegialian scarab	739
*Beetle, San Joaquin dune	739
Beetle, valley elderberry longhorn	2,000
Bird's beak, palmate-bracted	14,739
*Buckwheat, Temblor	14,739
Cactus, Bakersfield	14,739
Cactus, Pima Pineapple	60,000
*Clarkia, Vasek's	739
Chub, bonytail	744,000
Chub, humpback	1,406,000
Chub, Virgin River	70,000
*Concho Water Snake	2,500
Crane, Whooping	106,500
Cui-ui	876,111
Dace, Ash Meadows	46,000
*Dace, Spike	78,000
Eagle, bald	311,000
*Falcon, Peregrine	3,500
*Fisher	20,000
Fox, San Joaquin Kit	111,272
Frog, California red-legged	37,500
Flycatcher, southwestern willow	1,255,000
Gambusia, Pecos	5,000
Jewelflower, California	27,272
Kangaroo rat, giant	55,272
Kangaroo rat, Fresno	27,272
*Kangaroo rat, short-nosed	14,739
Kangaroo rat, Tipton	41,272
*Layia, Comanche Point	739
Lizard, blunt-nosed leopard	41,000
*Lizard, flat-tailed horned	115,000
Mallow, Kern	27,272
*Minnow, Woundfin	70,000
Minnow, Loach	83,000
*Minnow, Gila top	180,000
Minnow, Rio Grande Silvery	132,500
*Monardella, Merced	739
*Mouse, Tulare grasshopper	739
Naucorid, Ash Meadows	46,000
*Nestsraw, oil	14,739
*Peppergrass, Jared's	14,739
*Phacelia, Merced	739
Plover, Piping	53,000

*Poppy, Tejon	739
*Poppy, diamond-petaled California	739
*Pupfish, Amargosa	46,000
Pupfish, Comanche Springs	5,000
*Rabbit, riparian brush	76,272
Rail, Yuma clapper	50,000
Salmon, chinook, Sacramento R. winter run	2,225,500
*Salmon, chinook, Sacramento R. spring run	320,000
*Salmon, coho	5,355,000
Salmon, Chinook Snake R. spring/summer run	4,538,000
Salmon, Chinook, Snake R. fall run	2,070,000
Salmon, Sockeye Snake R.	2,070,000
*Saltbush, Lost Hills	14,739
*Saltscale, lesser	14,739
*Shrew, Buena Vista Lake	739
Shiner, Pecos bluntnose	425,000
*Shrimp, vernal pool fairy	500
*Smallscale, Bakersfield	739
Smelt, delta	500
Snail, Snake River Physa	20,000
Utah Valvata	170,000
Snake, giant garter	12,500
*Squirrel, San Joaquin antelope	7,739
Squawfish, Colorado	5,067,000
Sturgeon, Pallid	100,000
Sucker, Lost River	500,000
Sucker, June	985,000
Sucker, razorback	5,020,000
Sucker, shortnose	500,000
Tern, least	53,000
*Thrasher, San Joaquin LeConte's	739
*Tidy-tips, Munz's	739
*Toad, boreal	3,000
Tortoise, Desert	10,000
*Trout, bull	30,000
*Ute Ladies' Tresses	500
*Weevil, Doyen's dune	739
*Woodrat, riparian	41,272
Woolly-star, Hoover's	27,272
*Woolly-threads, San Joaquin	27,272
Vireo, black-capped	2,500
	36275828

II. Expenditures for Species Not Found on USFWS Template

Bureau of Reclamation, Fiscal Year 1996

This list requires further research regarding listing by USFWS, filename: unmatch.wk4

Un-Matched Species	*Actual Dollar Expenditures*
Arkansas River Shiner	5,500
Beetle, Ciervo aegialian scarab	739
Beetle, San Joaquin dune	739
Buckwheat, Temblor	14,739
Clarkia, Vasek's	739
Concho Water Snake	2,500
Dace, Spike	78,000
Peregrine Falcon	3,500
Fisher	20,000
Kangaroo Rat, short-nosed	14,739
Layia, Comanche Point	739
Lizard, flat-tailed horned	115,000
Minnow, Woundfin (listed only as "woundfin")	70,000
Minnow, Gila Top	180,000
Monardella, Merced	739
Mouse, Tulare grasshopper	739
Neststraw, oil	14,739
Peppergrass, Jared's	14,739
Phacelia, Merced	739
Poppy, Tejon	739
Poppy, diamond-petaled California	739
Pupfish, Amargosa	46,000
Rabbit, riparian brush	76,272
Salmon, chinook, Sacramento spring-run	320,000
Salmon, coho	5,355,000
Saltbush, Lost Hills	14,739
Saltscale, lesser	14,739
Shrew, Buena Vista Lake	739
Shrimp, vernal pool fairy	500
Smallscale, Bakersfield	739
Squirrel, San Joaquin antelope	7,739
Thrasher, San Joaquin LeConte's	500,000
Toad, boreal	3,000
Tidy-tips, Munz's	739
Trout, Bull	30,000
Ute Ladies' Tresses	500
Weevil, Doyen dune	500
Woodrat, riparian	41,272
Woolly-star, Hoover's	27,272
Woolly-threads, San Joaquin	27,272
	7007129

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot

1996 Endangered Species Expenditures reporting template

Welcome to the Agency working template for reporting 1996 expenditures for endangered and threatened species. Column D gives scientific names; column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . .plants) as in the List. A running total of expenditures for each column is kept under each heading.

NOTE: AMOUNTS IN THOUSANDS OF $$$

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

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot
3	A	Bat, gray	Myotis grisescens	E			0
1	A	Bat, Hawaiian hoary	Lasiurus cinereus semotus	E			0
3	A	Bat, Indiana	Myotis sodalis	E			0
2	A	Bat, lesser long-nosed	Leptonycteris curasoae yerbabuenae	E			0
1	A	Bat, little Mariana fruit	Pteropus tokudae	E			0
1	A	Bat, Mariana fruit	Pteropus mariannus mariannus	E			0
2	A	Bat, Mexican long-nosed	Leptonycteris nivalis	E			0
2	A	Bat, Ozark big-eared	Plecotus townsendii ingens	E			0
5	A	Bat, Virginia big-eared	Plecotus townsendii virginianus	E			0
6	A	Bear, grizzly	Ursus arctos	T			0
4	A	Bear, Louisiana black	Ursus americanus luteolus	T			0
1	A	Caribou, woodland	Rangifer tarandus caribou	E			0
5	A	Cougar, eastern	Felis concolor couguar	E			0
1	A	Deer, Columbian white-tailed	Odocoileus virginianus leucurus	E			0
4	A	Deer, key	Odocoileus virginianus clavium	E			0
6	A	Ferret, black-footed	Mustela nigripes	E			0
1	A	Fox, San Joaquin kit	Vulpes macrotis mutica	E			111272
2	A	Jaguarundi	Felis yagouaroundi cacomitli	E			0
2	A	Jaguarundi	Felis yagouaroundi tolteca	E			0
1	A	Kangaroo rat, Fresno	Dipodomys nitratoides exilis	E			27272
1	A	Kangaroo rat, giant	Dipodomys ingens	E			55272
1	A	Kangaroo rat, Morro Bay	Dipodomys heermanni morroensis	E			0
1	A	Kangaroo rat, Stephens'	Dipodomys stephensi	E			0
1	A	Kangaroo rat, Tipton	Dipodomys nitratoides nitratoides	E			41272
4	A	Manatee, West Indian (=Florida)	Trichechus manatus	E			0
1	A	Mountain beaver, Point Arena	Aplodontia rufa nigra	E			0
4	A	Mouse, Alabama beach	Peromyscus polionotus ammobates	E			0
4	A	Mouse, Anastasia Island beach	Peromyscus polionotus phasma	E			0
4	A	Mouse, Choctawahatchee beach	Peromyscus polionotus allophrys	E			0
4	A	Mouse, Key Largo cotton	Peromyscus gossypinus allapaticola	E			0
1	A	Mouse, Pacific pocket	Perognathus longimembris pacificus	E			0
4	A	Mouse, Perdido Key beach	Peromyscus polionotus trissyllepsis	E			0
1	A	Mouse, salt marsh harvest	Reithrodontomys raviventris	E			0
4	A	Mouse, southeastern beach	Peromyscus polionotus niveiventris	T			0
2	A	Ocelot	Felis pardalis	E			0
1	A	Otter, southern sea	Enhydra lutris nereis	T			0

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot
4	A	Panther, Florida	Felis concolor coryi	E			0
6	A	Prairie dog, Utah	Cynomys parvidens	T			0
2	A	Pronghorn, Sonoran	Antilocapra americana sonoriensis	E			0
4	A	Rabbit, Lower Keys	Sylvilagus palustris hefneri	E			0
4	A	Rice rat (=silver rice rat)	Oryzomys palustris natator	E			0
N	A	Sea-lion, Steller	Eumetopias jubatus	T			0
N	A	Seal, Caribbean monk	Monachus tropicalis	E			0
N	A	Seal, Hawaiian monk	Monachus schauinslandi	E			0
N	A	Seal, guadalupe fur	Arctocephalus townsendi	T			0
5	A	Shrew, Dismal Swamp southeastern	Sorex longirostris fisheri	T			0
4	A	Squirrel, Carolina northern flying	Glaucomys sabrinus coloratus	E			0
5	A	Squirrel, Delmarva Peninsula fox	Sciurus niger cinereus	E			0
2	A	Squirrel, Mount Graham red	Tamiasciurus hudsonicus grahamensis	E			0
5	A	Squirrel, Virginia northern flying	Glaucomys sabrinus fuscus	E			0
1	A	Vole, Amargosa	Microtus californicus scirpensis	E			0
4	A	Vole, Florida salt marsh	Microtus pennsylvanicus dukecampbelli	E			0
2	A	Vole, Hualapai Mexican	Microtus mexicanus hualpaiensis	E			0
N	A	Whale, blue	Balaenoptera musculus	E			0
N	A	Whale, bowhead	Balaena mysticetus	E			0
N	A	Whale, finback	Balaenoptera physalus	E			0
N	A	Whale, gray	Eschrichtius robustus	E			0
N	A	Whale, humpback	Megaptera novaeangliae	E			0
N	A	Whale, right	Balaena glacialis (incl. australis)	E			0
N	A	Whale, Sei	Balaenoptera borealis	E			0
N	A	Whale, sperm	Physeter macrocephalus (=catodon)	E			0
3	A	Wolf, gray	Canis lupus	T			0
3	A	Wolf, gray	Canis lupus	E			0
4	A	Wolf, red	Canis rufus	E			0
4	A	Woodrat, Key Largo	Neotoma floridana smalli	E			0
4	B	Blackbird, yellow-shouldered	Agelaius xanthomus	E			0
2	B	Bobwhite, masked (quail)	Colinus virginianus ridgwayi	E			0
1	B	Broadbill, Guam	Myiagra freycineti	E			0
4	B	Caracara, Audubon's crested	Polyborus plancus audubonii	T			0
1	B	Condor, California	Gymnogyps californianus	E			0
1	B	Coot, Hawaiian (=`alae-ke`oke`o)	Fulica americana alai	E			0
4	B	Crane, Mississippi sandhill	Grus canadensis pulla	E			0
2	B	Crane, whooping	Grus americana	E			106500
1	B	Creeper, Hawaii	Oreomystis mana	E			0
1	B	Creeper, Molokai (=kakawahie)	Paroreomyza flammea	E			0
1	B	Creeper, Oahu (=alauwahio)	Paroreomyza maculata	E			0
1	B	Crow, Hawaiian (=`alala)	Corvus hawaiiensis	E			0
1	B	Crow, Mariana	Corvus kubaryi	E			0
7	B	Curlew, Eskimo	Numenius borealis	E			0
1	B	Duck, Hawaiian (=koloa)	Anas wyvilliana	E			0
1	B	Duck, Laysan	Anas laysanensis	E			0
3	B	Eagle, bald	Haliaeetus leucocephalus	T			311,000
7	B	Eider, spectacled	Somateria fischeri	T			0
1	B	Falcon, American peregrine	Falco peregrinus anatum	E			0
2	B	Falcon, northern aplomado	Falco femoralis septentrionalis	E			0
1	B	Finch, Laysan (honeycreeper)	Telespyza cantans	E			0
1	B	Finch, Nihoa (honeycreeper)	Telespyza ultima	E			0
2	B	Flycatcher, southwestern willow	Empidonax traillii extimus	E			1255000

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1	B	Gnatcatcher, coastal California	Polioptila californica californica	T			0
7	B	Goose, Aleutian Canada	Branta canadensis leucopareia	T			0
1	B	Goose, Hawaiian (=nene)	Nesochen sandvicensis	E			0
1	B	Hawk, Hawaiian (=io)	Buteo solitarius	E			0
4	B	Hawk, Puerto Rican broad-winged	Buteo platypterus brunnescens	E			0
4	B	Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	E			0
1	B	Honeycreeper, crested (=`akohekohe)	Palmeria dolei	E			0
4	B	Jay, Florida scrub	Aphelocoma coerulescens coerulescens	T			0
1	B	Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	E			0
4	B	Kite, Everglade snail	Rostrhamus sociabilis plumbeus	E			0
1	B	Mallard, Mariana	Anas oustaleti	E			0
1	B	Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	E			0
1	B	Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	E			0
1	B	Monarch, Tinian (old world flycatcher)	Monarcha takatsukasae	T			0
1	B	Moorhen, Hawaiian common	Gallinula chloropus sandvicensis	E			0
1	B	Moorhen, Mariana common	Gallinula chloropus guami	E			0
1	B	Murrelet, marbled	Brachyramphus marmoratus marmoratus	T			0
4	B	Nightjar, Puerto Rican	Caprimulgus noctitherus	E			0
1	B	Nukupu`u (honeycreeper)	Hemignathus lucidus	E			0
2	B	Owl, Mexican spotted	Strix occidentalis lucida	T			0
1	B	Owl, northern spotted	Strix occidentalis caurina	T			0
1	B	Palila (honeycreeper)	Loxioides bailleui	E			0
1	B	Parrotbill, Maui (honeycreeper)	Pseudonestor xanthophrys	E			0
4	B	Parrot, Puerto Rican	Amazona vittata	E			0
1	B	Pelican, brown	Pelecanus occidentalis	E			0
1	B	Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	E			0
4	B	Pigeon, Puerto Rican plain	Columba inornata wetmorei	E			0
3	B	Plover, piping	Charadrius melodus	E			53000
3	B	Plover, piping	Charadrius melodus	T			0
1	B	Plover, western snowy	Charadrius alexandrinus nivosus	T			0
1	B	Po`ouli (honeycreeper)	Melamprosops phaeosoma	E			0
2	B	Prairie-chicken, Attwater's greater	Tympanuchus cupido attwateri	E			0
1	B	Rail, California clapper	Rallus longirostris obsoletus	E			0
1	B	Rail, Guam	Rallus owstoni	E			0
1	B	Rail, light-footed clapper	Rallus longirostris levipes	E			0
2	B	Rail, Yuma clapper	Rallus longirostris yumanensis	E			50000
1	B	Shearwater, Newell's Townsend's (formerly Man	Puffinus auricularis newelli	T			0
1	B	Shrike, San Clemente loggerhead	Lanius ludovicianus mearnsi	E			0
4	B	Sparrow, Cape Sable seaside	Ammodramus maritimus mirabilis	E			0
4	B	Sparrow, Florida grasshopper	Ammodramus savannarum floridanus	E			0
1	B	Sparrow, San Clemente sage	Amphispiza belli clementeae	T			0
1	B	Stilt, Hawaiian (=ae`o)	Himantopus mexicanus knudseni	E			0
4	B	Stork, wood	Mycteria americana	E			0
1	B	Swiftlet, Mariana gray (=vanikoro)	Aerodramus vanikorensis bartschi	E			0
1	B	Tern, California least	Sterna antillarum browni	E			0
3	B	Tern, least	Sterna antillarum	E			53000
5	B	Tern, roseate	Sterna dougallii dougallii	E			0
5	B	Tern, roseate	Sterna dougallii dougallii	T			0
1	B	Thrush, large Kauai	Myadestes myadestinus	E			0
1	B	Thrush, Molokai (=oloma`o)	Myadestes lanaiensis rutha	E			0
1	B	Thrush, small Kauai (=puaiohi)	Myadestes palmeri	E			0
2	B	Towhee, Inyo California (=brown)	Pipilo crissalis eremophilus	T			0

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2	B	Vireo, black-capped	Vireo atricapillus	E			2500
1	B	Vireo, least Bell's	Vireo bellii pusillus	E			0
4	B	Warbler, Bachman's	Vermivora bachmanii	E			0
2	B	Warbler, golden-cheeked	Dendroica chrysoparia	E			0
3	B	Warbler, Kirtland's	Dendroica kirtlandii	E			0
1	B	Warbler, nightingale reed	Acrocephalus luscinia	E			0
1	B	White-eye, bridled	Zosterops conspicillatus conspicillatus	E			0
4	B	Woodpecker, ivory-billed	Campephilus principalis	E			0
4	B	Woodpecker, red-cockaded	Picoides borealis	E			0
1	B	`Akepa, Hawaii (honeycreeper)	Loxops coccineus coccineus	E			0
1	B	`Akepa, Maui (honeycreeper)	Loxops coccineus ochraceus	E			0
1	B	`Akialoa, Kauai (honeycreeper)	Hemignathus procerus	E			0
1	B	`Akiapola`au (honeycreeper)	Hemignathus munroi	E			0
1	B	`O`o, Kauai (=`o`o `a`a) (honeyeater)	Moho braccatus	E			0
1	B	`O`u (honeycreeper)	Psittirostra psittacea	E			0
4	C	Anole, Culebra Island giant	Anolis roosevelti	E			0
4	C	Boa, Mona	Epicrates monensis monensis	T			0
4	C	Boa, Puerto Rican	Epicrates inornatus	E			0
4	C	Boa, Virgin Islands tree	Epicrates monensis granti	E			0
4	C	Crocodile, American	Crocodylus acutus	E			0
4	C	Gecko, Monito	Sphaerodactylus micropithecus	E			0
4	C	Iguana, Mona ground	Cyclura stejnegeri	T			0
1	C	Lizard, blunt-nosed leopard	Gambelia silus	E			41000
1	C	Lizard, Coachella Valley fringe-toed	Uma inornata	T			0
1	C	Lizard, Island night	Xantusia riversiana	T			0
4	C	Lizard, St. Croix ground	Ameiva polops	E			0
2	C	Rattlesnake, New Mexican ridge-nosed	Crotalus willardi obscurus	T			0
4	C	Skink, bluetail mole	Eumeces egregius lividus	T			0
4	C	Skink, sand	Neoseps reynoldsi	T			0
4	C	Snake, Atlantic salt marsh	Nerodia clarkii taeniata	T			0
2	C	Snake, Concho water	Nerodia paucimaculata	T			0
4	C	Snake, eastern indigo	Drymarchon corais couperi	T			0
1	C	Snake, giant garter	Thamnophis gigas	T			12500
1	C	Snake, San Francisco garter	Thamnophis sirtalis tetrataenia	E			0
1	C	Tortoise, desert	Gopherus agassizii	T			10000
4	C	Tortoise, gopher	Gopherus polyphemus	T			0
4	C	Turtle, Alabama redbelly (=red-bellied)	Pseudemys alabamensis	E			0
4	C	Turtle, flattened musk	Sternotherus depressus	T			0
2	C	Turtle, green sea	Chelonia mydas	E			0
2	C	Turtle, green sea	Chelonia mydas	T			0
2	C	Turtle, hawksbill sea (=carey)	Eretmochelys imbricata	E			0
2	C	Turtle, Kemp's ridley sea	Lepidochelys kempii	E			0
2	C	Turtle, leatherback sea	Dermochelys coriacea	E			0
2	C	Turtle, loggerhead sea	Caretta caretta	T			0
2	C	Turtle, olive ridley sea	Lepidochelys olivacea	T			0
5	C	Turtle, Plymouth redbelly (=red-bellied)	Pseudemys rubriventris bangsi	E			0
4	C	Turtle, ringed map (=sawback)	Graptemys oculifera	T			0
4	C	Turtle, yellow-blotched map (=sawback)	Graptemys flavimaculata	T			0
4	D	Coqui, golden	Eleutherodactylus jasperi	T			0
1	D	Frog, California red-legged	Rana aurora draytonii	T			37500
5	D	Salamander, Cheat Mountain	Plethodon nettingi	T			0
1	D	Salamander, desert slender	Batrachoseps aridus	E			0

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4	D	Salamander, Red Hills	Phaeognathus hubrichti	T			0
2	D	Salamander, San Marcos	Eurycea nana	T			0
1	D	Salamander, Santa Cruz long-toed	Ambystoma macrodactylum croceum	E			0
5	D	Salamander, Shenandoah	Plethodon shenandoah	E			0
2	D	Salamander, Texas blind	Typhlomolge rathbuni	E			0
1	D	Toad, Arroyo southwestern	Bufo microscaphus californicus	E			0
2	D	Toad, Houston	Bufo houstonensis	E			0
4	D	Toad, Puerto Rican crested	Peltophryne lemur	T			0
6	D	Toad, Wyoming	Bufo hemiophrys baxteri	E			0
2	E	Catfish, Yaqui	Ictalurus pricei	T			0
4	E	Cavefish, Alabama	Speoplatyrhinus poulsoni	E			0
4	E	Cavefish, Ozark	Amblyopsis rosae	T			0
6	E	Chub, bonytail	Gila elegans	E			744000
1	E	Chub, Borax Lake	Gila boraxobius	E			0
2	E	Chub, Chihuahua	Gila nigrescens	T			0
6	E	Chub, humpback	Gila cypha	E			1406000
1	E	Chub, Hutton tui	Gila bicolor ssp.	T			0
1	E	Chub, Mohave tui	Gila bicolor mohavensis	E			0
1	E	Chub, Oregon	Oregonichthys crameri	E			0
1	E	Chub, Owens tui	Gila bicolor snyderi	E			0
1	E	Chub, Pahranagat roundtail (=bonytail)	Gila robusta jordani	E			0
4	E	Chub, slender	Erimystax cahni	T			0
2	E	Chub, Sonora	Gila ditaenia	T			0
4	E	Chub, spotfin (=turquoise shiner)	Cyprinella monacha	T			0
6	E	Chub, Virgin River	Gila robusta semidnuda	E			70000
2	E	Chub, Yaqui	Gila purpurea	E			0
1	E	Cui-ui	Chasmistes cujus	E			876,111
1	E	Dace, Ash Meadows speckled	Rhinichthys osculus nevadensis	E			46000
4	E	Dace, blackside	Phoxinus cumberlandensis	T			0
1	E	Dace, Clover Valley speckled	Rhinichthys osculus oligoporus	E			0
1	E	Dace, desert	Eremichthys acros	T			0
1	E	Dace, Foskett speckled	Rhinichthys osculus ssp.	T			0
1	E	Dace, Independence Valley speckled	Rhinichthys osculus lethoporus	E			0
6	E	Dace, Kendall Warm Springs	Rhinichthys osculus thermalis	E			0
1	E	Dace, Moapa	Moapa coriacea	E			0
4	E	Darter, amber	Percina antesella	E			0
4	E	Darter, bayou	Etheostoma rubrum	T			0
4	E	Darter, bluemask (=jewel)	Etheostoma (Doration) sp.	E			0
4	E	Darter, boulder (=Elk River)	Etheostoma wapiti	E			0
4	E	Darter, Cherokee	Etheostoma (Ulocentra) sp.	T			0
4	E	Darter, duskytail	Etheostoma (Catonotus) sp.	E			0
4	E	Darter, Etowah	Etheostoma etowahae	E			0
2	E	Darter, fountain	Etheostoma fonticola	E			0
4	E	Darter, goldline	Percina aurolineata	T			0
2	E	Darter, leopard	Percina pantherina	T			0
5	E	Darter, Maryland	Etheostoma sellare	E			0
3	E	Darter, Niangua	Etheostoma nianguae	T			0
4	E	Darter, Okaloosa	Etheostoma okaloosae	E			0
4	E	Darter, relict	Etheostoma chienense	E			0
4	E	Darter, slackwater	Etheostoma boschungi	T			0
4	E	Darter, snail	Percina tanasi	T			0
4	E	Darter, watercress	Etheostoma nuchale	E			0

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2	E	Gambusia, Big Bend	Gambusia gaigei	E			0
2	E	Gambusia, Clear Creek	Gambusia heterochir	E			0
2	E	Gambusia, Pecos	Gambusia nobilis	E			5000
2	E	Gambusia, San Marcos	Gambusia georgei	E			0
1	E	Goby, tidewater	Eucyclogobius newberryi	E			0
4	E	Logperch, Conasauga	Percina jenkinsi	E			0
5	E	Logperch, Roanoke	Percina rex	E			0
6	E	Madtom, Neosho	Noturus placidus	T			0
4	E	Madtom, pygmy	Noturus stanauli	E			0
3	E	Madtom, Scioto	Noturus trautmani	E			0
4	E	Madtom, Smoky	Noturus baileyi	E			0
4	E	Madtom, yellowfin	Noturus flavipinnis	T			0
2	E	Minnow, loach	Rhinichthys cobitis	T			83000
2	E	Minnow, Rio Grande silvery	Hybognathus amarus	E			132500
1	E	Poolfish, Pahrump	Empetrichthys latos	E			0
1	E	Pupfish, Ash Meadows Amargosa	Cyprinodon nevadensis mionectes	E			0
2	E	Pupfish, Comanche Springs	Cyprinodon elegans	E			5000
2	E	Pupfish, desert	Cyprinodon macularius	E			0
1	E	Pupfish, Devils Hole	Cyprinodon diabolis	E			0
2	E	Pupfish, Leon Springs	Cyprinodon bovinus	E			0
1	E	Pupfish, Owens	Cyprinodon radiosus	E			0
1	E	Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	E			0
N	E	Salmon, chinook, Sacramento R. winter run	Oncorhynchus tshawytscha	T			2225500
N	E	Salmon, chinook, Snake R. fall run	Oncorhynchus tshawytscha	T			2070000
N	E	Salmon, chinook, Snake R. spring/summer run	Oncorhynchus tshawytscha	T			4538000
N	E	Salmon, sockeye (=red, =blueback), Snake R.	Oncorhynchus nerka	E			2070000
4	E	Sculpin, pygmy	Cottus pygmaeus	T			0
2	E	Shiner, beautiful	Cyprinella formosa	T			0
4	E	Shiner, blue	Cyprinella caerulea	T			0
4	E	Shiner, Cahaba	Notropis cahabae	E			0
4	E	Shiner, Cape Fear	Notropis mekistocholas	E			0
4	E	Shiner, Palezone	Notropis sp.	E			0
2	E	Shiner, Pecos bluntnose	Notropis simus pecosensis	T			425000
4	E	Silverside, Waccamaw	Menidia extensa	T			0
1	E	Smelt, delta	Hypomesus transpacificus	T			500
2	E	Spikedace	Meda fulgida	T			0
1	E	Spinedace, Big Spring	Lepidomeda mollispinis pratensis	T			0
2	E	Spinedace, Little Colorado	Lepidomeda vittata	T			0
1	E	Spinedace, White River	Lepidomeda albivallis	E			0
1	E	Springfish, Hiko White River	Crenichthys baileyi grandis	E			0
1	E	Springfish, Railroad Valley	Crenichthys nevadae	T			0
1	E	Springfish, White River	Crenichthys baileyi baileyi	E			0
6	E	Squawfish, Colorado	Ptychocheilus lucius	E			5067000
1	E	Stickleback, unarmored threespine	Gasterosteus aculeatus williamsoni	E			0
4	E	Sturgeon, Gulf	Acipenser oxyrhynchus desotoi	T			0
6	E	Sturgeon, pallid	Scaphirhynchus albus	E			100000
N	E	Sturgeon, shortnose	Acipenser brevirostrum	E			0
1	E	Sturgeon, white (Kootenai River pop.)	Acipenser transmontanus	E			0
6	E	Sucker, June	Chasmistes liorus	E			985000
1	E	Sucker, Lost River	Deltistes luxatus	E			500000
1	E	Sucker, Modoc	Catostomus microps	E			0
6	E	Sucker, razorback	Xyrauchen texanus	E			5,020,000

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1	E	Sucker, shortnose	Chasmistes brevirostris	E			500000
1	E	Sucker, Warner	Catostomus warnerensis	T			0
2	E	Topminnow, Gila (incl Yaqui)	Poeciliopsis occidentalis	E			0
2	E	Trout, Apache (=Arizona)	Oncorhynchus apache	T			0
2	E	Trout, Gila	Oncorhynchus gilae	E			0
6	E	Trout, greenback cutthroat	Oncorhynchus clarki stomias	T			0
1	E	Trout, Lahontan cutthroat	Oncorhynchus clarki henshawi	T			0
1	E	Trout, Little Kern golden	Oncorhynchus aguabonita whitei	T			0
1	E	Trout, Paiute cutthroat	Oncorhynchus clarki seleniris	T			0
N	E	Trout, Umpqua River cutthroat	Oncorhynchus clarki clarki	E			
6	E	Woundfin	Plagopterus argentissimus	E			0
4	F	Acornshell, southern	Epioblasma othcaloogensis	E			0
5	F	Clubshell	Pleurobema clava	E			0
4	F	Clubshell, black (=Curtus' mussel)	Pleurobema curtum	E			0
4	F	Clubshell, ovate	Pleurobema perovatum	E			0
4	F	Clubshell, southern	Pleurobema decisum	E			0
4	F	Combshell, southern (=penitent mussel)	Epioblasma penita	E			0
4	F	Combshell, upland	Epioblasma metastriata	E			0
4	F	Elktoe, Appalachian	Alasmidonta raveneliana	E			0
4	F	Fanshell	Cyprogenia stegaria	E			0
4	F	Fatmucket, Arkansas	Lampsilis powelli	T			0
4	F	Heelsplitter, Carolina	Lasmigona decorata	E			0
4	F	Heelsplitter, inflated	Potamilus inflatus	T			0
4	F	Kidneyshell, triangular	Ptychobranchus greeni	E			0
4	F	Lampmussel, Alabama (=Pearly mussel, Alabama	Lampsilis virescens	E			0
4	F	Moccasinshell, Alabama	Medionidus acutissimus	T			0
4	F	Moccasinshell, Coosa	Medionidus parvulus	E			0
4	F	Mucket, orange-nacre	Lampsilis perovalis	T			0
5	F	Mussel, dwarf wedge	Alasmidonta heterodon	E			0
4	F	Mussel, ring pink (=golf stick pearly)	Obovaria retusa	E			0
3	F	Mussel, winged mapleleaf	Quadrula fragosa	E			0
4	F	Pearlshell, Louisiana	Margaritifera hembeli	T			0
4	F	Pearlymussel, Appalachian monkeyface	Quadrula sparsa	E			0
4	F	Pearlymussel, birdwing	Conradilla caelata	E			0
4	F	Pearlymussel, cracking	Hemistena lata	E			0
4	F	Pearlymussel, Cumberland bean	Villosa trabalis	E			0
4	F	Pearlymussel, Cumberland monkeyface	Quadrula intermedia	E			0
3	F	Pearlymussel, Curtis'	Epioblasma florentina curtisi	E			0
4	F	Pearlymussel, dromedary	Dromus dromas	E			0
4	F	Pearlymussel, green-blossom	Epioblasma torulosa gubernaculum	E			0
3	F	Pearlymussel, Higgins' eye	Lampsilis higginsi	E			0
4	F	Pearlymussel, little-wing	Pegias fabula	E			0
4	F	Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	E			0
4	F	Pearlymussel, pale lilliput	Toxolasma cylindrellus	E			0
4	F	Pearlymussel, pink mucket	Lampsilis abrupta	E			0
4	F	Pearlymussel, purple cat's paw	Epioblasma obliquata obliquata	E			0
4	F	Pearlymussel, tubercled-blossom	Epioblasma torulosa torulosa	E			0
4	F	Pearlymussel, turgid-blossom	Epioblasma turgidula	E			0
3	F	Pearlymussel, white cat's paw	Epioblasma obliquata perobliqua	E			0
4	F	Pearlymussel, white wartyback	Plethobasus cicatricosus	E			0
4	F	Pearlymussel, yellow-blossom	Epioblasma florentina florentina	E			0
4	F	Pigtoe, Cumberland (=Cumberland pigtoe mussel	Pleurobema gibberum	E			0

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot
4	F	Pigtoe, dark	Pleurobema furvum	E			0
4	F	Pigtoe, fine-rayed	Fusconaia cuneolus	E			0
4	F	Pigtoe, flat (=Marshall's mussel)	Pleurobema marshalli	E			0
4	F	Pigtoe, heavy (=Judge Tait's mussel)	Pleurobema taitianum	E			0
4	F	Pigtoe, rough	Pleurobema plenum	E			0
4	F	Pigtoe, shiny	Fusconaia cor	E			0
4	F	Pigtoe, southern	Pleurobema georgianum	E			0
4	F	Pocketbook, fat	Potamilus capax	E			0
4	F	Pocketbook, fine-lined	Lampsilis altilis	T			0
4	F	Pocketbook, speckled	Lampsilis streckeri	E			0
5	F	Riffleshell, northern	Epioblasma torulosa rangiana	E			0
4	F	Riffleshell, tan	Epioblasma walkeri	E			0
2	F	Rock-pocketbook, Ouachita (=Wheeler's pearly	Arkansia wheeleri	E			0
5	F	Spinymussel, James River (=Virginia)	Pleurobema collina	E			0
4	F	Spinymussel, Tar River	Elliptio steinstansana	E			0
4	F	Stirrupshell	Quadrula stapes	E			0
6	G	Ambersnail, Kanab	Oxyloma haydeni kanabensis	E			350000
1	G	Limpet, Banbury Springs	Lanx sp.	E			0
4	G	Marstonia (snail), royal (=obese)	Pyrgulopsis ogmoraphe	E			0
4	G	Riversnail, Anthony's	Athearnia anthonyi	E			0
4	G	Shagreen, Magazine Mountain	Mesodon magazinensis	T			0
1	G	Snails, Oahu tree	Achatinella^ spp. (all species)	E			0
1	G	Snail, Bliss Rapids	Taylorconcha serpenticola	T			0
5	G	Snail, Chittenango ovate amber	Succinea chittenangoensis	T			0
5	G	Snail, flat-spired three-toothed	Triodopsis platysayoides	T			0
3	G	Snail, Iowa Pleistocene	Discus macclintocki	E			0
1	G	Snail, Morro shoulderband (=Banded dune)	Helminthoglypta walkeriana	E			0
4	G	Snail, noonday	Mesodon clarki nantahala	T			0
4	G	Snail, painted snake coiled forest	Anguispira picta	T			0
1	G	Snail, Snake River physa	Physa natricina	E			20000
4	G	Snail, Stock Island tree	Orthalicus reses	T			0
4	G	Snail, tulotoma (=Alabama live-bearing)	Tulotoma magnifica	E			0
1	G	Snail, Utah valvata	Valvata utahensis	E			170000
5	G	Snail, Virginia fringed mountain	Polygyriscus virginianus	E			0
2	G	Springsnail, Alamosa	Tryonia alamosae	E			0
1	G	Springsnail, Bruneau Hot	Pyrgulopsis bruneauensis	E			0
1	G	Springsnail, Idaho	Fontelicella idahoensis	E			0
2	G	Springsnail, Socorro	Pyrgulopsis neomexicana	E			0
5	I	Beetle, American burying (=giant carrion)	Nicrophorus americanus	E			0
2	I	Beetle, Coffin Cave mold	Batrisodes texanus	E			0
1	I	Beetle, delta green ground	Elaphrus viridis	T			0
3	I	Beetle, Hungerford's crawling water	Brychius hungerfordi	E			0
2	I	Beetle, Kretschmarr Cave mold	Texamaurops reddelli	E			0
5	I	Beetle, northeastern beach tiger	Cicindela dorsalis dorsalis	T			0
5	I	Beetle, Puritan tiger	Cicindela puritana	T			0
2	I	Beetle, Tooth Cave ground	Rhadine persephone	E			0
1	I	Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	T			2000
1	I	Butterfly, bay checkerspot	Euphydryas editha bayensis	T			0
1	I	Butterfly, El Segundo blue	Euphilotes battoides allyni	E			0
5	I	Butterfly, Karner blue	Lycaeides melissa samuelis	E			0
1	I	Butterfly, Lange's metalmark	Apodemia mormo langei	E			0
1	I	Butterfly, lotis blue	Lycaeides argyrognomon lotis	E			0

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1	I	Butterfly, mission blue	Icaricia icarioides missionensis	E			0
3	I	Butterfly, Mitchell's satyr	Neonympha mitchellii mitchellii	E			0
1	I	Butterfly, Myrtle's silverspot	Speyeria zerene myrtleae	E			0
1	I	Butterfly, Oregon silverspot	Speyeria zerene hippolyta	T			0
1	I	Butterfly, Palos Verdes blue	Glaucopsyche lygdamus palosverdesensis	E			0
4	I	Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	E			0
1	I	Butterfly, San Bruno elfin	Callophrys mossii bayensis	E			0
4	I	Butterfly, Schaus swallowtail	Heraclides aristodemus ponceanus	E			0
1	I	Butterfly, Smith's blue	Euphilotes enoptes smithi	E			0
6	I	Butterfly, Uncompahgre fritillary	Boloria acrocnema	E			0
3	I	Dragonfly, Hine's (=Ohio) emerald	Somatochlora hineana	E			0
1	I	Fly, Delhi Sands flower-loving	Rhaphiomidas terminatus abdominalis	E			0
1	I	Moth, Kern primrose sphinx	Euproserpinus euterpe	T			0
1	I	Naucorid, Ash Meadows	Ambrysus amargosus	T			46000
6	I	Skipper, Pawnee montane	Hesperia leonardus montana	T			0
2	J	Harvestman, Bee Creek Cave	Texella reddelli	E			0
2	J	Harvestman, Bone Cave	Texella reyesi	E			0
2	J	Pseudoscorpion, Tooth Cave	Microcreagris texana	E			0
4	J	Spider, spruce-fir moss	Microhexura montivaga	E			0
2	J	Spider, Tooth Cave	Leptoneta myopica	E			0
5	K	Amphipod, Hay's Spring	Stygobromus hayi	E			0
4	K	Crayfish, cave [no common name]	Cambarus aculabrum	E			0
4	K	Crayfish, cave [no common name]	Cambarus zophonastes	E			0
4	K	Crayfish, Nashville	Orconectes shoupi	E			0
1	K	Crayfish, Shasta (=placid)	Pacifastacus fortis	E			0
1	K	Fairy shrimp, Conservancy	Branchinecta conservatio	E			0
1	K	Fairy shrimp, longhorn	Branchinecta longiantenna	E			0
1	K	Fairy shrimp, riverside	Streptocephalus woottoni	E			0
1	K	Fairy shrimp, vernal pool	Branchinecta lynchi	T			0
5	K	Isopod, Lee County cave	Lirceus usdagalun	E			0
5	K	Isopod, Madison Cave	Antrolana lira	T			0
2	K	Isopod, Socorro	Thermosphaeroma thermophilus	E			0
4	K	Shrimp, Alabama cave	Palaemonias alabamae	E			0
1	K	Shrimp, California freshwater	Syncaris pacifica	E			0
4	K	Shrimp, Kentucky cave	Palaemonias ganteri	E			0
4	K	Shrimp, Squirrel Chimney Cave (=Florida cave)	Palaemonetes cummingi	T			0
1	K	Tadpole shrimp, vernal pool	Lepidurus packardi	E			0
2	Q	Sand-verbena, large-fruited	Abronia macrocarpa	E			0
1	Q	Abutilon eremitopetalum (=Sci name)	Abutilon eremitopetalum	E			0
1	Q	Ko`oloa`ula	Abutilon menziesii	E			0
1	Q	Abutilon sandwicense (=Sci name)	Abutilon sandwicense	E			0
1	Q	Liliwai	Acaena exigua	E			0
1	Q	Thornmint, San Mateo	Acanthomintha obovata ssp. duttonii	E			0
1	Q	Chaff-flower, round-leaved	Achyranthes splendens var. rotundata	E			0
3	Q	Monkshood, northern wild	Aconitum noveboracense	T			0
4	Q	Joint-vetch, sensitive	Aeschynomene virginica	T			0
5	Q	Gerardia, sandplain	Agalinis acuta	E			0
2	Q	Agave, Arizona	Agave arizonica	E			0
1	Q	Mahoe	Alectryon macrococcus	E			0
1	Q	Alsinidendron obovatum (=Sci name)	Alsinidendron obovatum	E			0
1	Q	Alsinidendron trinerve (=Sci name)	Alsinidendron trinerve	E			0
1	Q	None	Amaranthus brownii	E			

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4	Q	Amaranth, seabeach	Amaranthus pumilus	T			0
2	Q	Ambrosia, south Texas	Ambrosia cheiranthifolia	E			0
4	Q	Lead-plant, Crenulate	Amorpha crenulata	E			0
4	Q	Amphianthus, little	Amphianthus pusillus	T			0
1	Q	Fiddleneck, Large-flowered	Amsinckia grandiflora	E			0
2	Q	Blue-star, Kearney's	Amsonia kearneyana	E			0
2	Q	Cactus, Tobusch fishhook	Ancistrocactus tobuschii	E			0
3	Q	Potato-bean, Price's	Apios priceana	T			0
1	Q	Rock-cress, McDonald's	Arabis mcdonaldiana	E			0
4	Q	Rock-cress	Arabis perstellata	E			0
5	Q	Rock-cress, shale barren	Arabis serotina	E			0
6	Q	Bear-poppy, dwarf	Arctomecon humilis	E			0
1	Q	Manzanita, Presido (=Raven's)	Arctostaphylos hookeri var. ravenii	E			0
1	Q	Manzanita, Morro	Arctostaphylos morroensis	T			0
4	Q	Sandwort, Cumberland	Arenaria cumberlandensis	E			0
1	Q	Sandwort, Marsh	Arenaria paludicola	E			0
2	Q	Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	E			0
1	Q	Silversword, Ka`u	Argyroxiphium kauense	E			0
1	Q	Silversword, Haleakala (`ahinahina)	Argyroxiphium sandwicense ssp. macrocephalum	E			0
1	Q	Silversword, `Ahinahina Mauna Kea	Argyroxiphium sandwicense ssp. sandwicense	E			0
4	Q	Aristida chaseae (=Sci name)	Aristida chaseae	E			0
4	Q	Pelos del diablo	Aristida portoricensis	E			0
3	Q	Milkweed, Mead's	Asclepias meadii	T			0
6	Q	Milkweed, Welsh's	Asclepias welshii	T			0
4	Q	Pawpaw, four-petal	Asimina tetramera	E			0
1	Q	Milk-vetch, Cushenbury	Astragalus albens	E			0
1	Q	Milk-vetch, Applegate's	Astragalus applegatei	E			0
4	Q	Ground-plum, Guthrie's	Astragalus bibullatus	E			0
2	Q	Milk-vetch, Sentry	Astragalus cremnophylax var. cremnophylax	E			0
2	Q	Milk-vetch, Mancos	Astragalus humillimus	E			0
6	Q	Milk-vetch, heliotrope	Astragalus montii	T			0
6	Q	Milk-vetch, Osterhout	Astragalus osterhoutii	E			0
1	Q	Milk-vetch, Ash meadows	Astragalus phoenix	T			0
5	Q	Milk-vetch, Jesup's	Astragalus robbinsii var. jesupi	E			0
2	Q	Cactus, star	Astrophytum asterias	E			0
4	Q	Auerodendron pauciflorum (=Sci name)	Auerodendron pauciflorum	E			0
2	Q	Ayenia, Texas	Ayenia limitaris	E			0
4	Q	Palo de Ramon	Banara vanderbiltii	E			0
4	Q	Rattleweed, hairy	Baptisia arachnifera	E			0
1	Q	Barberry, Truckee	Berberis sonnei	E			0
5	Q	Birch, Virginia round-leaf	Betula uber	T			0
1	Q	Bidens, cuneate	Bidens cuneata	E			0
1	Q	ko`oko`olau	Bidens micrantha ssp. kalealaha	E			0
1	Q	Ko`oko`olau	Bidens wiebkei	E			0
1	Q	Sunshine, Sonoma (=Stickyseed, Baker's)	Blennosperma bakeri	E			0
3	Q	Aster, decurrent false	Boltonia decurrens	T			0
4	Q	Bonamia, Florida	Bonamia grandiflora	T			0
1	Q	Bonamia menziesii (=Sci name)	Bonamia menziesii	E			0
1	Q	`Olulu	Brighamia insignis	E			0
1	Q	Pau`ala	Brighamia rockii	E			0
4	Q	Boxwood, Vahl's	Buxus vahlii	E			0
1	Q	Uhiuhi	Caesalpinia kavaiense	E			0

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4	Q	Capa rosa	Callicarpa ampla	E			0
2	Q	Poppy-mallow, Texas	Callirhoe scabriuscula	E			0
1	Q	Mariposa lily, Tiburon	Calochortus tiburonensis	T			0
4	Q	Calyptranthes thomasiana (=Sci name)	Calyptranthes thomasiana	E			0
4	Q	Manaca, palma de	Calyptronoma rivalis	T			0
1	Q	Evening-primrose, San Benito	Camissonia benitensis	T			0
4	Q	Bellflower, Brooksville	Campanula robinsiae	E			0
1	Q	`Awikiwiki	Canavalia molokaiensis	E			0
4	Q	Bittercress, small-anthered	Cardamine micranthera	E			0
2	Q	Sedge, Navajo	Carex specuicola	T			0
1	Q	Paintbrush, Tiburon	Castilleja affinis ssp. neglecta	E			0
1	Q	Indian paintbrush, San Clemente Island	Castilleja grisea	E			0
1	Q	Jewelflower, California	Caulanthus californicus	E			27272
1	Q	Ceanothus, coyote (=California-lilac, Coyote	Ceanothus ferrisae	E			0
1	Q	Centaury, spring-loving	Centaurium namophilum	T			0
1	Q	`Awiwi	Centaurium sebaeoides	E			0
4	Q	Prickly-apple, fragrant	Cereus eriophorus var. fragrans	E			0
4	Q	Chamaecrista glandulosa var. mirabilis (=Sci	Chamaecrista glandulosa var. mirabilis	E			0
1	Q	`Akoko	Chamaesyce celastroides var. kaenana	E			0
4	Q	Spurge, deltoid	Chamaesyce deltoidea ssp. deltoidea	E			0
1	Q	`Akoko	Chamaesyce deppeana	E			0
4	Q	Spurge, Garber's	Chamaesyce garberi	T			0
1	Q	Chamaesyce halemanui (=Sci name)	Chamaesyce halemanui	E			0
1	Q	`Akoko	Chamaesyce kuwaleana	E			0
1	Q	`Akoko, Ewa Plains	Chamaesyce skottsbergii var. kalaeloana	E			0
4	Q	Tree, pygmy fringe	Chionanthus pygmaeus	E			0
1	Q	Spineflower, Howell's	Chorizanthe howellii	E			0
1	Q	Spineflower, Ben Lomond	Chorizanthe pungens var. hartwegiana	E			0
1	Q	Spineflower, Monterey	Chorizanthe pungens var. pungens	T			0
1	Q	Spineflower, Robust (incl. Scotts Valley)	Chorizanthe robusta (incl. vars. robusta & hartwegii	E			0
1	Q	Spineflower, Sonoma	Chorizanthe valida	E			0
4	Q	Aster, Florida golden	Chrysopsis floridana	E			0
1	Q	Thistle, fountain	Cirsium fontinale var. fontinale	E			0
1	Q	Thistle, Chorro Creek	Cirsium fontinale var. obispoense	E			0
3	Q	Thistle, Pitcher's	Cirsium pitcheri	T			0
2	Q	Thistle, Sacramento Mountains	Cirsium vinaceum	T			0
1	Q	Clarkia, Presidio	Clarkia franciscana	E			0
1	Q	Clarkia, Pismo	Clarkia speciosa ssp. immaculata	E			0
4	Q	Leather flower, Morefield's	Clematis morefieldii	E			0
4	Q	Leather flower, Alabama	Clematis socialis	E			0
1	Q	`Oha wai	Clermontia lindseyana	E			0
1	Q	`Oha wai	Clermontia oblongifolia ssp. brevipes	E			0
1	Q	`Oha wai	Clermontia oblongifolia ssp. mauiensis	E			0
1	Q	`Oha wai	Clermontia peleana	E			0
1	Q	`Oha wai	Clermontia pyrularia	E			0
4	Q	Wings, Pigeon	Clitoria fragrans	T			0
1	Q	Kauila	Colubrina oppositifolia	E			0
4	Q	Rosemary, short-leaved	Conradina brevifolia	E			0
4	Q	Rosemary, Etonia	Conradina etonia	E			0
4	Q	Rosemary, Apalachicola	Conradina glabra	E			0
4	Q	Rosemary, Cumberland	Conradina verticillata	T			0
1	Q	Bird's-beak, salt marsh	Cordylanthus maritimus ssp. maritimus	E			0

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1	Q	Bird's beak, palmate-bracted	Cordylanthus palmatus	E			14739
1	Q	Bird's-beak, Pennell's	Cordylanthus tenuis ssp. capillaris	E			0
4	Q	Palo de Nigua	Cornutia obovata	E			0
2	Q	Cactus, bunched cory	Coryphantha ramillosa	T			0
2	Q	Cactus, Cochise pincushion	Coryphantha robbinsorum	T			0
2	Q	Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	E			60000
2	Q	Cactus, Lee pincushion	Coryphantha sneedii var. leei	T			0
2	Q	Cactus, Sneed pincushion	Coryphantha sneedii var. sneedii	E			0
4	Q	Cranichis ricartii (=Sci name)	Cranichis ricartii	E			0
4	Q	Higuero de Sierra	Crescentia portoricensis	E			0
4	Q	Harebells, Avon Park	Crotalaria avonensis	E			0
2	Q	Cat's-eye, Terlingua Creek	Cryptantha crassipes	E			0
4	Q	Gourd, Okeechobee	Cucurbita okeechobeensis ssp. okeechobeensis	E			0
1	Q	Haha	Cyanea asarifolia	E			0
1	Q	Haha	Cyanea copelandii ssp. copelandii	E			0
1	Q	Haha	Cyanea grimesiana spp. obatae	E			0
1	Q	Haha	Cyanea hamatiflora ssp. carlsonii	E			0
1	Q	Haha	Cyanea lobata	E			0
1	Q	Cyanea macrostegia ssp. gibsonii (=Sci name)	Cyanea macrostegia ssp. gibsonii	E			0
1	Q	Haha	Cyanea mannii	E			0
1	Q	haha	Cyanea mceldowneyi	E			0
1	Q	Haha	Cyanea pinnatifida	E			0
1	Q	Haha	Cyanea procera	E			0
1	Q	Haha	Cyanea shipmannii	E			0
1	Q	Haha	Cyanea stictophylla	E			0
1	Q	Cyanea superba (=Sci name)	Cyanea superba	E			0
1	Q	Haha	Cyanea truncata	E			0
1	Q	Cyanea undulata (=Sci name)	Cyanea undulata	E			0
2	Q	Cycladenia, Jones	Cycladenia humilis var. jonesii	T			0
1	Q	Ha`iwale	Cyrtandra crenata	E			0
1	Q	Ha`iwale	Cyrtandra giffardii	E			0
1	Q	Ha`iwale	Cyrtandra limahuliensis	T			0
1	Q	Ha`iwale	Cyrtandra munroi	E			0
1	Q	Ha`iwale	Cyrtandra polyantha	E			0
1	Q	Ha`iwale	Cyrtandra tintinnabula	E			0
3	Q	Prairie-clover, leafy	Dalea foliosa	E			0
4	Q	Daphnopsis hellerana (=Sci name)	Daphnopsis hellerana	E			0
4	Q	Pawpaw, beautiful	Deeringothamnus pulchellus	E			0
4	Q	Pawpaw, Rugel's	Deeringothamnus rugelii	E			0
1	Q	Delissea rhytidosperma (=Sci name)	Delissea rhytidosperma	E			0
1	Q	Larkspur, San Clemente Island	Delphinium variegatum ssp. kinkiense	E			0
4	Q	Mint, Garrett's (=scrub, in part)	Dicerandra christmanii	E			0
4	Q	Mint, longspurred	Dicerandra cornutissima	E			0
4	Q	Mint, scrub	Dicerandra frutescens	E			0
4	Q	Mint, Lakela's	Dicerandra immaculata	E			0
1	Q	Spineflower, slender-horned	Dodecahema leptoceras	E			0
1	Q	Na`ena`e	Dubautia herbstobatae	E			0
1	Q	Dubautia latifolia (=Sci name)	Dubautia latifolia	E			0
1	Q	Dubautia pauciflorula (=Sci name)	Dubautia pauciflorula	E			0
1	Q	Dudleya, Santa Clara Valley	Dudleya setchellii	E			0
1	Q	Liveforever, Santa Barbara Island	Dudleya traskiae	E			0
4	Q	Coneflower, smooth	Echinacea laevigata	E			0

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4	Q	Coneflower, Tennessee purple	Echinacea tennesseensis	E			0
2	Q	Cactus, Nichol's Turk's head	Echinocactus horizonthalonius var. nicholii	E			0
2	Q	Cactus, Chisos Mtn. hedgehog	Echinocereus chisoensis var. chisoensis	T			0
2	Q	Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	E			0
2	Q	Cactus, Lloyd's hedgehog	Echinocereus lloydii	E			0
2	Q	Cactus, black lace	Echinocereus reichenbachii var. albertii	E			0
2	Q	Cactus, Arizona hedgehog	Echinocereus triglochidiatus var. arizonicus	E			0
2	Q	Pitaya, Davis' green	Echinocereus viridiflorus var. davisii	E			0
2	Q	Cactus, Lloyd's Mariposa	Echinomastus mariposensis	T			0
1	Q	Sunray, Ash Meadows	Enceliopsis nudicaulis var. corrugata	T			0
1	Q	Mallow, Kern	Eremalche kernensis	E			27272
1	Q	Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	E			0
1	Q	Woolly-star, Hoover's	Eriastrum hooveri	T			27,272
6	Q	Daisy, Maguire	Erigeron maguirei var. maguirei	E			0
1	Q	Daisy, Parish's	Erigeron parishii	T			0
2	Q	Fleabane, Rhizome	Erigeron rhizomatus	T			0
1	Q	Mountain balm, Indian Knob	Eriodictyon altissimum	E			0
2	Q	Wild-buckwheat, gypsum	Eriogonum gypsophilum	T			0
4	Q	Buckwheat, scrub	Eriogonum longifolium var. gnaphalifolium	T			0
1	Q	Buckwheat, cushenbury	Eriogonum ovalifolium var. vineum	E			0
1	Q	Buckwheat, steamboat	Eriogonum ovalifolium var. williamsiae	E			0
6	Q	Wild-buckwheat, clay-loving	Eriogonum pelinophilum	E			0
1	Q	Sunflower, San Mateo woolly	Eriophyllum latilobum	E			0
1	Q	Button-celery, San Diego	Eryngium aristulatum var. parishii	E			0
1	Q	Thistle, Loch Lomond coyote	Eryngium constancei	E			0
4	Q	Snakeroot	Eryngium cuneifolium	E			0
1	Q	Wallflower, Contra Costa	Erysimum capitatum var. angustatum	E			0
1	Q	Wallflower, Menzies'	Erysimum menziesii	E			0
1	Q	Wallflower, Ben Lomond	Erysimum teretifolium	E			0
3	Q	Lily, Minnesota trout	Erythronium propullans	E			0
2	Q	Cactus, Nellie cory	Escobaria minima	E			0
4	Q	Uvillo	Eugenia haematocarpa	E			0
1	Q	Nioi	Eugenia koolauensis	E			0
4	Q	Eugenia woodburyana (=Sci name)	Eugenia woodburyana	E			0
4	Q	Spurge, telephus	Euphorbia telephioides	T			0
6	Q	Mustard, Penland alpine fen	Eutrema penlandii	T			0
1	Q	Heau	Exocarpos luteolus	E			0
1	Q	Mehamehame	Flueggea neowawraea	E			0
2	Q	Frankenia, Johnston's	Frankenia johnstonii	E			0
1	Q	Gahnia lanaiensis (=Sci name)	Gahnia lanaiensis	E			0
4	Q	Milkpea, Small's	Galactia smallii	E			0
1	Q	Gardenia, Hawaiian (na`u)	Gardenia brighamii	E			0
3	Q	Geocarpon minimum (=Sci name)	Geocarpon minimum	T			0
1	Q	Geranium, Hawaiian red-flowered	Geranium arboreum	E			0
1	Q	Nohoanu	Geranium multiflorum	E			0
4	Q	Gesneria pauciflora (=Sci name)	Gesneria pauciflora	T			0
4	Q	Avens, spreading	Geum radiatum	E			0
1	Q	Gilia, Monterey	Gilia tenuiflora ssp. arenaria	E			0
4	Q	Goetzea, beautiful (matabuey)	Goetzea elegans	E			0
1	Q	Gouania hillebrandii (=Sci name)	Gouania hillebrandii	E			0
1	Q	Gouania meyenii (=Sci name)	Gouania meyenii	E			0
1	Q	Gouania vitifolia (=Sci name)	Gouania vitifolia	E			0

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot
1	Q	Gumplant, Ash Meadows	Grindelia fraxino-pratensis	T			0
1	Q	Haplostachys haplostachya (=Sci name)	Haplostachys haplostachya	E			0
4	Q	Beauty, Harper's	Harperocallis flava	E			0
4	Q	Chumbo, higo	Harrisia portoricensis	T			0
2	Q	Pennyroyal, Todsen's	Hedeoma todsenii	E			0
1	Q	`Awiwi	Hedyotis cookiana	E			0
1	Q	Kio`ele	Hedyotis coriacea	E			0
1	Q	Hedyotis degeneri (=Sci name)	Hedyotis degeneri	E			0
1	Q	Pilo	Hedyotis mannii	E			0
1	Q	Hedyotis parvula (=Sci name)	Hedyotis parvula	E			0
4	Q	Bluet, Roan Mountain	Hedyotis purpurea var. montana	E			0
1	Q	Hedyotis, Na Pali beach	Hedyotis st.-johnii	E			0
4	Q	Sunflower, Schweinitz's	Helianthus schweinitzii	E			0
5	Q	Pink, swamp	Helonias bullata	T			0
1	Q	Dwarf-flax, Marin	Hesperolinon congestum	T			0
1	Q	Hesperomannia arborescens (=Sci name)	Hesperomannia arborescens	E			0
1	Q	Hesperomannia arbuscula (=Sci name)	Hesperomannia arbuscula	E			0
1	Q	Hesperomannia lydgatei (=Sci name)	Hesperomannia lydgatei	E			0
4	Q	Heartleaf, dwarf-flowered	Hexastylis naniflora	T			0
1	Q	Kauai hau kuahiwi	Hibiscadelphus distans	E			0
1	Q	Koki`o ke`oke`o	Hibiscus arnottianus ssp. immaculatus	E			0
1	Q	Ma`o hau hele (=biscus, native yellow)	Hibiscus brackenridgei	E			0
1	Q	Hibiscus, Clay's	Hibiscus clayi	E			0
2	Q	Rush-pea, slender	Hoffmannseggia tenella	E			0
6	Q	Howellia, water	Howellia aquatilis	T			0
4	Q	Heather, mountain golden	Hudsonia montana	T			0
3	Q	Daisy, lakeside	Hymenoxys herbacea (=acaulis var. glabra^)	T			0
2	Q	Dawn-flower, Texas prairie	Hymenoxys texana	E			0
4	Q	Hypericum, highlands scrub	Hypericum cumulicola	E			0
4	Q	Holly, Cook's	Ilex cookii	E			0
4	Q	Ilex sintenisii (=Sci name)	Ilex sintenisii	E			0
5	Q	Mallow, Peter's Mountain	Iliamna corei	E			0
2	Q	Ipomopsis, Holy Ghost	Ipomopsis sancti-spiritus	E			0
3	Q	Iris, dwarf lake	Iris lacustris	T			0
1	Q	Ischaemum, Hilo	Ischaemum byrone	E			0
1	Q	Aupaka	Isodendrion hosakae	E			0
1	Q	Kula, wahine noho	Isodendrion pyrifolium	E			0
3	Q	Pogonia, small whorled	Isotria medeoloides	T			0
1	Q	Ivesia, Ash Meadows	Ivesia kingii var. eremica	T			0
4	Q	Jacquemontia, beach	Jacquemontia reclinata	E			0
1	Q	Water-willow, Cooley's	Justicia cooleyi	E			0
1	Q	Kokio, Cooke's	Kokia cookei	E			0
1	Q	Koki`o (=hau-hele`ula or Hawaii tree cotton)	Kokia drynarioides	E			0
1	Q	Kamakahala	Labordia lydgatei	E			0
1	Q	Goldfields, Burke's	Lasthenia burkei	E			0
1	Q	Layia, beach	Layia carnosa	E			0
1	Q	Wooly-threads, San Joaquin	Lembertia congdonii	E			0
4	Q	Lepanthes eltoroensis (=Sci name)	Lepanthes eltoroensis	E			0
6	Q	Ridge-cress (=pepper-cress), Barneby	Lepidium barnebyanum	E			0
4	Q	Leptocereus grantianus (=Sci name)	Leptocereus grantianus	E			0
3	Q	Bush-clover, prairie	Lespedeza leptostachya	T			0
6	Q	Bladderpod, Dudley Bluffs	Lesquerella congesta	T			0

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot
2	Q	Groundsel, San Francisco Peaks	Senecio franciscanus	T			0
1	Q	Lagu, Hyan	Serianthes nelsonii	E			0
1	Q	`Ohai	Sesbania tomentosa	E			0
1	Q	Checker-mallow, Nelson's	Sidalcea nelsoniana	T			0
1	Q	Checker-mallow, pedate	Sidalcea pedata	E			0
1	Q	Silene alexandri (=Sci name)	Silene alexandri	E			0
1	Q	Silene hawaiiensis (=Sci name)	Silene hawaiiensis	T			0
1	Q	Silene lanceolata (=Sci name)	Silene lanceolata	E			0
1	Q	Silene perlmanii (=Sci name)	Silene perlmanii	E			0
4	Q	Campion, fringed	Silene polypetala	E			0
4	Q	Irisette, white	Sisyrinchium dichotomum	E			0
4	Q	Erubia	Solanum drymophilum	E			0
1	Q	Popolo, ku mai (=Popolo, thorny)	Solanum incompletum	E			0
1	Q	`Aiakeakua, popolo	Solanum sandwicense	E			0
4	Q	Goldenrod, white-haired	Solidago albopilosa	T			0
3	Q	Goldenrod, Houghton's	Solidago houghtonii	T			0
4	Q	Goldenrod, Short's	Solidago shortii	E			0
4	Q	Goldenrod, Blue Ridge	Solidago spithamaea	T			0
1	Q	Spermolepis hawaiiensis (=Sci name)	Spermolepis hawaiiensis	E			0
4	Q	Pinkroot, gentian	Spigelia gentianoides	E			0
4	Q	Spiraea, Virginia	Spiraea virginiana	T			0
6	Q	Ladies'-tresses, Ute	Spiranthes diluvialis	T			0
2	Q	Ladies'-tresses, Navasota	Spiranthes parksii	E			0
4	Q	Negra, cobana	Stahlia monosperma	T			0
1	Q	Stenogyne angustifolia (=Sci name)	Stenogyne angustifolia	E			0
1	Q	Stenogyne bifida (=Sci name)	Stenogyne bifida	E			0
1	Q	Stenogyne campanulata (=Sci name)	Stenogyne campanulata	E			0
1	Q	Stenogyne kanehoana (=Sci name)	Stenogyne kanehoana	E			0
1	Q	Wire-lettuce, Malheur	Stephanomeria malheurensis	E			0
1	Q	Jewelflower, Metcalf Canyon	Streptanthus albidus ssp. albidus	E			0
1	Q	Jewelflower, Tiburon	Streptanthus niger	E			0
4	Q	Palo de jazmin	Styrax portoricensis	E			0
2	Q	Snowbells, Texas	Styrax texana	E			0
1	Q	Seablite, California	Suaeda californica	E			0
1	Q	Grass, Eureka Dune	Swallenia alexandrae	E			0
4	Q	Palo colorado	Ternstroemia luquillensis	E			0
4	Q	Ternstroemia subsessilis (=Sci name)	Ternstroemia subsessilis	E			0
1	Q	Tetramolopium rockii (=Sci name)	Tetramolopium rockii	T			0
1	Q	Tetramolopium arenarium (=Sci name)	Tetramolopium arenarium	E			0
1	Q	Pamakani	Tetramolopium capillare	E			0
1	Q	Tetramolopium filiforme (=Sci name)	Tetramolopium filiforme	E			0
1	Q	Tetramolopium lepidotum ssp. lepidotum (=Sci	Tetramolopium lepidotum ssp. lepidotum	E			0
1	Q	Tetramolopium remyi (=Sci name)	Tetramolopium remyi	E			0
1	Q	`Ohe`ohe	Tetraplasandra gymnocarpa	E			0
4	Q	Meadowrue, Cooley's	Thalictrum cooleyi	E			0
1	Q	Mustard, slender-petaled	Thelypodium stenopetalum	E			0
2	Q	Dogweed, ashy	Thymophylla tephroleuca	E			0
6	Q	Townsendia, Last Chance	Townsendia aprica	T			0
4	Q	Bariaco	Trichilia triacantha	E			0
3	Q	Clover, running buffalo	Trifolium stoloniferum	E			0
4	Q	Trillium, persistent	Trillium persistens	E			0
4	Q	Trillium, relict	Trillium reliquum	E			0

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1	Q	Grass, Solano	Tuctoria mucronata	E			0
1	Q	Opuhe	Urera kaalae	E			0
4	Q	Vernonia proctorii (=Sci name)	Vernonia proctorii	E			0
1	Q	Vetch, Hawaiian	Vicia menziesii	E			0
1	Q	Vigna o-wahuensis (=Sci name)	Vigna o-wahuensis	E			0
1	Q	Pamakani	Viola chamissoniana ssp. chamissoniana	E			0
1	Q	Viola helenae (=Sci name)	Viola helenae	E			0
1	Q	Viola lanaiensis (=Sci name)	Viola lanaiensis	E			0
4	Q	Warea, wide-leaf	Warea amplexifolia	E			0
4	Q	Mustard, Carter's	Warea carteri	E			0
1	Q	Iliau, dwarf	Wilkesia hobdyi	E			0
1	Q	Xylosma crenatum (=Sci name)	Xylosma crenatum	E			0
4	Q	Grass, Tennessee yellow-eyed	Xyris tennesseensis	E			0
1	Q	A`e	Zanthoxylum hawaiiense	E			0
4	Q	Prickly-ash, St. Thomas	Zanthoxylum thomasianum	E			0
2	Q	Wild-rice, Texas	Zizania texana	E			0
4	Q	Ziziphus, florida	Ziziphus celata	E			0
1	R	Cypress, Santa Cruz	Cupressus abramsiana	E			0
4	R	Torreya, Florida	Torreya taxifolia	E			0
1	S	Fern, pendant kihi	Adenophorus periens	E			0
4	S	Adiantum vivesii (=Sci name)	Adiantum vivesii	E			0
1	S	Asplenium fragile var. insulare (=Sci name)	Asplenium fragile var. insulare	E			0
3	S	Fern, American hart's-tongue	Asplenium scolopendrium var. americanum	T			0
1	S	Pauoa	Ctenitis squamigera	E			0
4	S	Fern, Elfin tree	Cyathea dryopteroides	E			0
1	S	Diellia , asplenium-leaved	Diellia erecta	E			0
1	S	Diellia falcata (=Sci name)	Diellia falcata	E			0
1	S	Diellia pallida (=laciniata) (=Sci name)	Diellia pallida (=laciniata)	E			0
1	S	Diellia unisora (=Sci name)	Diellia unisora	E			0
1	S	Diplazium molokaiense (=Sci name)	Diplazium molokaiense	E			0
4	S	Elaphoglossum serpens (=Sci name)	Elaphoglossum serpens	E			0
1	S	Wawae`iole	Huperzia mannii	E			0
1	S	Quillwort, Louisiana	Isoetes louisianensis	E			0
4	S	Quillwort, black spored	Isoetes melanospora	E			0
4	S	Quillwort, mat-forming	Isoetes tegetiformans	E			0
1	S	Ha`iwale	Lycopodium nutans	E			0
1	S	Ihi`ihi	Marsilea villosa	E			0
7	S	Fern, Aleutian shield	Polystichum aleuticum	E			0
4	S	Polystichum calderonense (=Sci name)	Polystichum calderonense	E			0
1	S	Pteris lidgatei (=Sci name)	Pteris lidgatei	E			0
4	S	Tectaria estremerana (=Sci name)	Tectaria estremerana	E			0
4	S	Thelypteris inabonensis (=Sci name)	Thelypteris inabonensis	E			0
4	S	Fern, Alabama streak-sorus	Thelypteris pilosa var. alabamensis	T			0
4	S	Thelypteris verecunda (=Sci name)	Thelypteris verecunda	E			0
4	S	Thelypteris yaucoensis (=Sci name)	Thelypteris yaucoensis	E			0
4	U	Cladonia, Florida perforate	Cladonia perforata	E			0
4	U	Lichen, rock gnome	Gymnoderma lineare	E			0
				Totals:	0	0	0

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3	Q	Bladderpod, Missouri	Lesquerella filiformis	E			0
1	Q	Bladderpod, San Bernardino Mountains	Lesquerella kingii ssp. bernardina	E			0
4	Q	Bladderpod, lyrate	Lesquerella lyrata	T			0
2	Q	Bladderpod, white	Lesquerella pallida	E			0
6	Q	Bladderpod, kodachrome	Lesquerella tumulosa	E			0
4	Q	Blazingstar, Heller's	Liatris helleri	T			0
4	Q	Blazingstar, scrub	Liatris ohlingerae	E			0
1	Q	Lily, Western	Lilium occidentale	E			0
1	Q	Meadowfoam, Butte County	Limnanthes floccosa ssp. californica	E			0
1	Q	Meadowfoam, Sebastopol	Limnanthes vinculans	E			0
3	Q	Pondberry	Lindera melissifolia	E			0
1	Q	Nehe	Lipochaeta fauriei	E			0
1	Q	Nehe	Lipochaeta kamolensis	E			0
1	Q	Nehe	Lipochaeta lobata var. leptophylla	E			0
1	Q	Nehe	Lipochaeta micrantha	E			0
1	Q	Nehe	Lipochaeta tenuifolia	E			0
1	Q	Lipochaeta venosa (=Sci name)	Lipochaeta venosa	E			0
1	Q	Nehe	Lipochaeta waimeaensis	E			0
1	Q	Lobelia niihauensis (=Sci name)	Lobelia niihauensis	E			0
1	Q	Lobelia oahuensis (=Sci name)	Lobelia oahuensis	E			0
1	Q	Lomatium, Bradshaw's	Lomatium bradshawii	E			0
1	Q	Broom, San Clemente Island	Lotus dendroideus ssp. traskiae	E			0
4	Q	Lupine, scrub	Lupinus aridorum	E			0
1	Q	Lupine, clover	Lupinus tidestromii	E			0
4	Q	Lyonia truncata var. proctorii (=Sci name)	Lyonia truncata var. proctorii	E			0
4	Q	Loosestrife, rough-leaved	Lysimachia asperulaefolia	E			0
1	Q	Lysimachia filifolia (=Sci name)	Lysimachia filifolia	E			0
1	Q	Lysimachia lydgatei (=Sci name)	Lysimachia lydgatei	E			0
4	Q	Birds-in-a-nest, white	Macbridea alba	T			0
1	Q	Bush-mallow, San Clemente Island	Malacothamnus clementinus	E			0
2	Q	Manioc, Walker's	Manihot walkerae	E			0
1	Q	Mariscus fauriei (=Sci name)	Mariscus fauriei	E			0
1	Q	Mariscus pennatiformis (=Sci name)	Mariscus pennatiformis	E			0
4	Q	Button, Mohr's Barbara	Marshallia mohrii	T			0
1	Q	Alani	Melicope adscendens	E			0
1	Q	Alani	Melicope balloui	E			0
1	Q	Alani	Melicope haupuensis	E			0
1	Q	Alani	Melicope knudsenii	E			0
1	Q	Alani	Melicope lydgatei	E			0
1	Q	Alani	Melicope mucronulata	E			0
1	Q	Alani	Melicope ovalis	E			0
1	Q	Alani	Melicope pallida	E			0
1	Q	Alani	Melicope quadrangularis	E			0
1	Q	Alani	Melicope reflexa	E			0
1	Q	Blazingstar, Ash Meadows	Mentzelia leucophylla	T			0
3	Q	Monkey-flower, Michigan	Mimulus glabratus var. michiganensis	E			0
1	Q	Four-o'clock, MacFarlane's	Mirabilis macfarlanei	E			0
4	Q	Mitracarpus maxwelliae (=Sci name)	Mitracarpus maxwelliae	E			0
4	Q	Mitracarpus polycladus (=Sci name)	Mitracarpus polycladus	E			0
1	Q	Munroidendron racemosum (=Sci name)	Munroidendron racemosum	E			0
4	Q	Myrcia paganii (=Sci name)	Myrcia paganii	E			0
1	Q	Neraudia angulata (=Sci name)	Neraudia angulata	E			0

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1	Q	Neraudia sericea (=Sci name)	Neraudia sericea	E			0
1	Q	Niterwort, Amargosa	Nitrophila mohavensis	E			0
4	Q	Beargrass, Britton's	Nolina brittoniana	E			0
1	Q	`Aiea	Nothocestrum breviflorum	E			0
1	Q	`Aiea	Nothocestrum peltatum	E			0
1	Q	Kulu`i	Nototrichium humile	E			0
1	Q	Holei	Ochrosia kilaueaensis	E			0
1	Q	Evening-primrose, Eureka Valley	Oenothera avita ssp. eurekensis	E			0
1	Q	Evening-primrose, Antioch Dunes	Oenothera deltoides ssp. howellii	E			0
1	Q	Cactus, Bakersfield	Opuntia treleasei	E			14739
1	Q	Grass, California Orcutt	Orcuttia californica	E			0
4	Q	Rosa, palo de	Ottoschulzia rhodoxylon	E			0
4	Q	Dropwort, Canby's	Oxypolis canbyi	E			0
1	Q	Oxytheca, cushenbury	Oxytheca parishii var. goodmaniana	E			0
3	Q	Locoweed, Fassett's	Oxytropis campestris var. chartacea	T			0
1	Q	Panicgrass, Carter's	Panicum fauriei var. carteri	E			0
4	Q	Whitlow-wort, papery	Paronychia chartacea	T			0
5	Q	Lousewort, Furbish	Pedicularis furbishiae	E			0
2	Q	Cactus, Brady pincushion	Pediocactus bradyi	E			0
6	Q	Cactus, San Rafael	Pediocactus despainii	E			0
2	Q	Cactus, Knowlton	Pediocactus knowltonii	E			0
2	Q	Cactus, Peebles Navajo	Pediocactus peeblesianus var. peeblesianus	E			0
2	Q	Cactus, Siler pincushion	Pediocactus sileri	T			0
6	Q	Penstemon, blowout	Penstemon haydenii	E			0
6	Q	Beardtongue, Penland	Penstemon penlandii	E			0
1	Q	Pentachaeta, white-rayed	Pentachaeta bellidiflora	E			0
4	Q	Peperomia, Wheeler's	Peperomia wheeleri	E			0
1	Q	Makou	Peucedanum sandwicense	T			0
6	Q	Phacelia, clay	Phacelia argillacea	E			0
6	Q	Phacelia, North Park	Phacelia formosula	E			0
2	Q	Phlox, Texas trailing	Phlox nivalis ssp. texensis	E			0
1	Q	Phyllostegia glabra var. lanaiensis (=Sci nam	Phyllostegia glabra var. lanaiensis	E			0
1	Q	Phyllostegia mannii (=Sci name)	Phyllostegia mannii	E			0
1	Q	Phyllostegia mollis (=Sci name)	Phyllostegia mollis	E			0
1	Q	Phyllostegia waimeae (=Sci name)	Phyllostegia waimeae	E			0
6	Q	Twinpod, Dudley Bluffs	Physaria obcordata	T			0
4	Q	Cactus, Key tree	Pilosocereus robinii	E			0
4	Q	Butterwort, Godfrey's	Pinguicula ionantha	T			0
4	Q	Aster, Ruth's golden	Pityopsis ruthii	E			0
1	Q	Kuahiwi, laukahi	Plantago hawaiensis	E			0
1	Q	Kuahiwi, laukahi	Plantago princeps	E			0
3	Q	Orchid, eastern prairie fringed	Platanthera leucophaea	T			0
2	Q	Orchid, western prairie fringed	Platanthera praeclara	T			0
4	Q	Chupacallos (=Chupagallo)	Pleodendron macranthum	E			0
1	Q	Bluegrass, Mann's	Poa mannii	E			0
1	Q	Bluegrass, Hawaiian	Poa sandvicensis	E			0
1	Q	Poa siphonoglossa (=Sci name)	Poa siphonoglossa	E			0
1	Q	Mesa-mint, San Diego	Pogogyne abramsii	E			0
1	Q	Mesa-mint, Otay	Pogogyne nudiuscula	E			0
4	Q	Polygala, Lewton's	Polygala lewtonii	E			0
4	Q	Polygala, tiny	Polygala smallii	E			0
4	Q	Wireweed	Polygonella basiramia	E			0

Lead Reg.	Group	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$ General	Lands	Grand Tot
4	Q	Sandlace	Polygonella myriophylla	E			0
1	Q	Po`e	Portulaca sclerocarpa	E			0
2	Q	Pondweed, Little Aguja Creek	Potamogeton clystocarpus	E			0
5	Q	Cinquefoil, Robbins'	Potentilla robbinsiana	E			0
6	Q	Primrose, Maguire	Primula maguirei	T			0
1	Q	Loulu	Pritchardia affinis	E			0
1	Q	Wahane (=Hawane or loulu)	Pritchardia aylmer-robinsonii	E			
1	Q	Loulu	Pritchardia munroi	E			0
1	Q	None	Pritchardia remota	E			
4	Q	Plum, scrub	Prunus geniculata	E			0
1	Q	Kaulu	Pteralyxia kauaiensis	E			0
5	Q	Harperella	Ptilimnium nodosum	E			0
2	Q	Cliff-rose, Arizona	Purshia subintegra	E			0
2	Q	Oak, Hinckley	Quercus hinckleyi	T			0
6	Q	Buttercup, autumn	Ranunculus acriformis var. aestivalis	E			0
1	Q	Remya kauaiensis (=Sci name)	Remya kauaiensis	E			0
1	Q	Remya, Maui	Remya mauiensis	E			0
1	Q	Remya montgomeryi (=Sci name)	Remya montgomeryi	E			0
4	Q	Rhododendron, Chapman	Rhododendron chapmanii	E			0
4	Q	Sumac, Michaux's	Rhus michauxii	E			0
5	Q	Beaked-rush, Knieskern's	Rhynchospora knieskernii	T			0
4	Q	Gooseberry, Miccosukee (Florida)	Ribes echinellum	T			0
1	Q	Rollandia crispa (=Sci name)	Rollandia crispa	E			0
1	Q	Watercress, Gambel's	Rorippa gambellii	E			0
4	Q	Arrowhead, bunched	Sagittaria fasciculata	E			0
4	Q	Water-plantain, Kral's	Sagittaria secundifolia	T			0
1	Q	Sanicula mariversa (=Sci name)	Sanicula mariversa	E			0
1	Q	Sandalwood, Lanai or `iliahi	Santalum freycinetianum var. lanaiense	E			0
4	Q	Pitcher-plant, green	Sarracenia oreophila	E			0
4	Q	Pitcher-plant, Alabama canebrake	Sarracenia rubra ssp. alabamensis	E			0
4	Q	Pitcher-plant, mountain sweet	Sarracenia rubra ssp. jonesii	E			0
1	Q	Naupaka, dwarf	Scaevola coriacea	E			0
1	Q	Schiedea, Diamond Head	Schiedea adamantis	E			0
1	Q	Ma`oli`oli	Schiedea apokremnos	E			0
1	Q	Schiedea haleakalensis (=Sci name)	Schiedea haleakalensis	E			0
1	Q	Schiedea kaalae (=Sci name)	Schiedea kaalae	E			0
1	Q	Schiedea lydgatei (=Sci name)	Schiedea lydgatei	E			0
1	Q	Schiedea spergulina var. leiopoda (=Sci name)	Schiedea spergulina var. leiopoda	E			0
1	Q	Schiedea spergulina var. spergulina (=Sci nam	Schiedea spergulina var. spergulina	T			0
1	Q	None	Schiedea verticillata	E			
6	Q	Reed-mustard, clay	Schoenocrambe argillacea	T			0
6	Q	Reed-mustard, Barneby	Schoenocrambe barnebyi	E			0
6	Q	Cress, toad-flax	Schoenocrambe suffrutescens	E			0
4	Q	Schoepfia arenaria (=Sci name)	Schoepfia arenaria	T			0
4	Q	Chaffseed, American	Schwalbea americana	E			0
5	Q	Bulrush, Northeastern (=barbed bristle)	Scirpus ancistrochaetus	E			0
6	Q	Cactus, Unita Basin hookless	Sclerocactus glaucus	T			0
2	Q	Cactus, Mesa Verde	Sclerocactus mesae-verdae	T			0
6	Q	Cactus, Wright fishhook	Sclerocactus wrightiae	E			0
4	Q	Skullcap, Florida	Scutellaria floridana	T			0
4	Q	Skullcap, large-flowered	Scutellaria montana	E			0
3	Q	Roseroot, Leedy's	Sedum integrifolium ssp. leedyi	T			0

United States Department of the Interior

NATIONAL PARK SERVICE
P.O. Box 37127
Washington, D.C. 20013-7127

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:

N1621(2320)

NOV 4 1997

Memorandum

To: Director, Fish and Wildlife Service

Through: Acting ~~Assistant~~ Secretary for Fish and Wildlife and Parks NOV 1 3 1997

From: Director

Subject: Endangered Species Expenditure Report for Fiscal Year 1996

In response to your annual request, attached is our report of National Park Service expenditures on threatened and endangered species for fiscal year 1996. The information is on the species template provided by Fish and Wildlife Service.

The total expenditures for FY96 are $3,171,600.00, which promoted recovery for 96 listed species under Park Service management. Single species expenditures ranged from $200.00 for the Mexican long-nosed bat and Southern sea otter to $344,000.00 for the Northern spotted owl.

There were no funds expended on land acquisition for listed species during FY96. If there are any questions on this report, please call Peggy Olwell, Endangered Species Coordinator, at 202-219-8933.

Attachment

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot

1996 Endangered Species Expenditures reporting template

Welcome to the Agency working template for reporting 1996 expenditures for endangered and threatened species. Column D gives scientific names; column A is FWS lead Regional Office; column B is a Group Code that sequences the groups (mammals, birds, . . .plants) as in the List. A running total of expenditures for each column is kept under each heading.

NOTE: AMOUNTS IN THOUSANDS OF $$$

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

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
3	A	Bat, gray	Myotis grisescens	E	12.2		12.2
1	A	Bat, Hawaiian hoary	Lasiurus cinereus semotus	E			0
3	A	Bat, Indiana	Myotis sodalis	E	11.7		11.7
2	A	Bat, lesser long-nosed	Leptonycteris curasoae yerbabuenae	E	14.5		14.5
1	A	Bat, little Mariana fruit	Pteropus tokudae	E			0
1	A	Bat, Mariana fruit	Pteropus mariannus mariannus	E			0
2	A	Bat, Mexican long-nosed	Leptonycteris nivalis	E	0.2		0.2
2	A	Bat, Ozark big-eared	Plecotus townsendii ingens	E			0
5	A	Bat, Virginia big-eared	Plecotus townsendii virginianus	E	0.5		0.5
6	A	Bear, grizzly	Ursus arctos	T	209.3		209.3
4	A	Bear, Louisiana black	Ursus americanus luteolus	T	0.4		0.4
1	A	Caribou, woodland	Rangifer tarandus caribou	E			0
5	A	Cougar, eastern	Felis concolor couguar	E			0
1	A	Deer, Columbian white-tailed	Odocoileus virginianus leucurus	E			0
4	A	Deer, key	Odocoileus virginianus clavium	E			0
6	A	Ferret, black-footed	Mustela nigripes	E	301.5		301.5
1	A	Fox, San Joaquin kit	Vulpes macrotis mutica	E			0
2	A	Jaguarundi	Felis yagouaroundi cacomitli	E			0
2	A	Jaguarundi	Felis yagouaroundi tolteca	E			0
1	A	Kangaroo rat, Fresno	Dipodomys nitratoides exilis	E			0
1	A	Kangaroo rat, giant	Dipodomys ingens	E			0
1	A	Kangaroo rat, Morro Bay	Dipodomys heermanni morroensis	E			0
1	A	Kangaroo rat, Stephens'	Dipodomys stephensi	E			0
1	A	Kangaroo rat, Tipton	Dipodomys nitratoides nitratoides	E			0
4	A	Manatee, West Indian (=Florida)	Trichechus manatus	E			0
1	A	Mountain beaver, Point Arena	Aplodontia rufa nigra	E			0
4	A	Mouse, Alabama beach	Peromyscus polionotus ammobates	E			0
4	A	Mouse, Anastasia Island beach	Peromyscus polionotus phasma	E			0
4	A	Mouse, Choctawahatchee beach	Peromyscus polionotus allophrys	E			0
4	A	Mouse, Key Largo cotton	Peromyscus gossypinus allapaticola	E			0
1	A	Mouse, Pacific pocket	Perognathus longimembris pacificus	E			0
4	A	Mouse, Perdido Key beach	Peromyscus polionotus trissyllepsis	E	4		4
1	A	Mouse, salt marsh harvest	Reithrodontomys raviventris	E			0
4	A	Mouse, southeastern beach	Peromyscus polionotus niveiventris	T			0
2	A	Ocelot	Felis pardalis	E			0
1	A	Otter, southern sea	Enhydra lutris nereis	T	0.2		0.2
4	A	Panther, Florida	Felis concolor coryi	E	36		36

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
	6 A	Prairie dog, Utah	Cynomys parvidens	T	2.5		2.5
	2 A	Pronghorn, Sonoran	Antilocapra americana sonoriensis	E	5		5
	4 A	Rabbit, Lower Keys	Sylvilagus palustris hefneri	E			0
	4 A	Rice rat (=silver rice rat)	Oryzomys palustris natator	E			0
N	A	Sea-lion, Steller	Eumetopias jubatus	T	7.2		7.2
N	A	Seal, Caribbean monk	Monachus tropicalis	E			0
N	A	Seal, Hawaiian monk	Monachus schauinslandi	E			0
N	A	Seal, guadalupe fur	Arctocephalus townsendi	T			0
	5 A	Shrew, Dismal Swamp southeastern	Sorex longirostris fisheri	T			0
	4 A	Squirrel, Carolina northern flying	Glaucomys sabrinus coloratus	E	3		3
	5 A	Squirrel, Delmarva Peninsula fox	Sciurus niger cinereus	E			0
	2 A	Squirrel, Mount Graham red	Tamiasciurus hudsonicus grahamensis	E			0
	5 A	Squirrel, Virginia northern flying	Glaucomys sabrinus fuscus	E			0
	1 A	Vole, Amargosa	Microtus californicus scirpensis	E			0
	4 A	Vole, Florida salt marsh	Microtus pennsylvanicus dukecampbelli	E			0
	2 A	Vole, Hualapai Mexican	Microtus mexicanus hualpaiensis	E			0
N	A	Whale, blue	Balaenoptera musculus	E			0
N	A	Whale, bowhead	Balaena mysticetus	E			0
N	A	Whale, finback	Balaenoptera physalus	E			0
N	A	Whale, gray	Eschrichtius robustus	E	0.6		0.6
N	A	Whale, humpback	Megaptera novaeangliae	E	59.6		59.6
N	A	Whale, right	Balaena glacialis (incl. australis)	E			0
N	A	Whale, Sei	Balaenoptera borealis	E			0
N	A	Whale, sperm	Physeter macrocephalus (=catodon)	E			0
	3 A	Wolf, gray	Canis lupus	T			0
	3 A	Wolf, gray	Canis lupus	E	324.6		324.6
	4 A	Wolf, red	Canis rufus	E	26		26
	4 A	Woodrat, Key Largo	Neotoma floridana smalli	E			0
	4 B	Blackbird, yellow-shouldered	Agelaius xanthomus	E			0
	2 B	Bobwhite, masked (quail)	Colinus virginianus ridgwayi	E			0
	1 B	Broadbill, Guam	Myiagra freycineti	E			0
	4 B	Caracara, Audubon's crested	Polyborus plancus audubonii	T			0
	1 B	Condor, California	Gymnogyps californianus	E	0.5		0.5
	1 B	Coot, Hawaiian (=`alae-ke`oke`o)	Fulica americana alai	E			0
	4 B	Crane, Mississippi sandhill	Grus canadensis pulla	E			0
	2 B	Crane, whooping	Grus americana	E	3.1		3.1
	1 B	Creeper, Hawaii	Oreomystis mana	E			0
	1 B	Creeper, Molokai (=kakawahie)	Paroreomyza flammea	E			0
	1 B	Creeper, Oahu (=alauwahio)	Paroreomyza maculata	E			0
	1 B	Crow, Hawaiian (=`alala)	Corvus hawaiiensis	E			0
	1 B	Crow, Mariana	Corvus kubaryi	E			0
	7 B	Curlew, Eskimo	Numenius borealis	E			0
	1 B	Duck, Hawaiian (=koloa)	Anas wyvilliana	E			0
	1 B	Duck, Laysan	Anas laysanensis	E			0
	3 B	Eagle, bald	Haliaeetus leucocephalus	T	34.7		34.7
	7 B	Eider, spectacled	Somateria fischeri	T			0
	1 B	Falcon, American peregrine	Falco peregrinus anatum	E	107.4		107.4
	2 B	Falcon, northern aplomado	Falco femoralis septentrionalis	E			0
	1 B	Finch, Laysan (honeycreeper)	Telespyza cantans	E			0
	1 B	Finch, Nihoa (honeycreeper)	Telespyza ultima	E			0
	2 B	Flycatcher, southwestern willow	Empidonax traillii extimus	E	5.7		5.7
	1 B	Gnatcatcher, coastal California	Polioptila californica californica	T			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
7	B	Goose, Aleutian Canada	Branta canadensis leucopareia	T			0
1	B	Goose, Hawaiian (=nene)	Nesochen sandvicensis	E	48		48
1	B	Hawk, Hawaiian (=io)	Buteo solitarius	E			0
4	B	Hawk, Puerto Rican broad-winged	Buteo platypterus brunnescens	E			0
4	B	Hawk, Puerto Rican sharp-shinned	Accipiter striatus venator	E			0
1	B	Honeycreeper, crested (=`akohekohe)	Palmeria dolei	E			0
4	B	Jay, Florida scrub	Aphelocoma coerulescens coerulescens	T			0
1	B	Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	E			0
4	B	Kite, Everglade snail	Rostrhamus sociabilis plumbeus	E			0
1	B	Mallard, Mariana	Anas oustaleti	E			0
1	B	Megapode, Micronesian (=La Perouse's)	Megapodius laperouse	E			0
1	B	Millerbird, Nihoa (old world warbler)	Acrocephalus familiaris kingi	E			0
1	B	Monarch, Tinian (old world flycatcher)	Monarcha takatsukasae	T			0
1	B	Moorhen, Hawaiian common	Gallinula chloropus sandvicensis	E			0
1	B	Moorhen, Mariana common	Gallinula chloropus guami	E			0
1	B	Murrelet, marbled	Brachyramphus marmoratus marmoratu	T	124.2		124.2
4	B	Nightjar, Puerto Rican	Caprimulgus noctitherus	E			0
1	B	Nukupu`u (honeycreeper)	Hemignathus lucidus	E			0
2	B	Owl, Mexican spotted	Strix occidentalis lucida	T	154.3		154.3
1	B	Owl, northern spotted	Strix occidentalis caurina	T	344		344
1	B	Palila (honeycreeper)	Loxioides bailleui	E			0
1	B	Parrotbill, Maui (honeycreeper)	Pseudonestor xanthophrys	E			0
4	B	Parrot, Puerto Rican	Amazona vittata	E			0
1	B	Pelican, brown	Pelecanus occidentalis	E	3		3
1	B	Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	E	6		6
4	B	Pigeon, Puerto Rican plain	Columba inornata wetmorei	E			0
3	B	Plover, piping	Charadrius melodus	E	299.1		299.1
3	B	Plover, piping	Charadrius melodus	T			0
1	B	Plover, western snowy	Charadrius alexandrinus nivosus	T	47.9		47.9
1	B	Po`ouli (honeycreeper)	Melamprosops phaeosoma	E			0
2	B	Prairie-chicken, Attwater's greater	Tympanuchus cupido attwateri	E			0
1	B	Rail, California clapper	Rallus longirostris obsoletus	E			0
1	B	Rail, Guam	Rallus owstoni	E			0
1	B	Rail, light-footed clapper	Rallus longirostris levipes	E			0
2	B	Rail, Yuma clapper	Rallus longirostris yumanensis	E			0
1	B	Shearwater, Newell's Townsend's (forme	Puffinus auricularis newelli	T			0
1	B	Shrike, San Clemente loggerhead	Lanius ludovicianus mearnsi	E			0
4	B	Sparrow, Cape Sable seaside	Ammodramus maritimus mirabilis	E			0
4	B	Sparrow, Florida grasshopper	Ammodramus savannarum floridanus	E			0
1	B	Sparrow, San Clemente sage	Amphispiza belli clementeae	T			0
1	B	Stilt, Hawaiian (=ae`o)	Himantopus mexicanus knudseni	E			0
4	B	Stork, wood	Mycteria americana	E	1		1
1	B	Swiftlet, Mariana gray (=vanikoro)	Aerodramus vanikorensis bartschi	E			0
1	B	Tern, California least	Sterna antillarum browni	E			0
3	B	Tern, least	Sterna antillarum	E	8.6		8.6
5	B	Tern, roseate	Sterna dougallii dougallii	E	1.6		1.6
5	B	Tern, roseate	Sterna dougallii dougallii	T	1.6		1.6
1	B	Thrush, large Kauai	Myadestes myadestinus	E			0
1	B	Thrush, Molokai (=oloma`o)	Myadestes lanaiensis rutha	E			0
1	B	Thrush, small Kauai (=puaiohi)	Myadestes palmeri	E			0
2	B	Towhee, Inyo California (=brown)	Pipilo crissalis eremophilus	T			0
2	B	Vireo, black-capped	Vireo atricapillus	E	1.8		1.8

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
1	B	Vireo, least Bell's	Vireo bellii pusillus	E			0
4	B	Warbler, Bachman's	Vermivora bachmanii	E			0
2	B	Warbler, golden-cheeked	Dendroica chrysoparia	E			0
3	B	Warbler, Kirtland's	Dendroica kirtlandii	E			0
1	B	Warbler, nightingale reed	Acrocephalus luscinia	E			0
1	B	White-eye, bridled	Zosterops conspicillatus conspicillatus	E			0
4	B	Woodpecker, ivory-billed	Campephilus principalis	E			0
4	B	Woodpecker, red-cockaded	Picoides borealis	E	9.4		9.4
1	B	`Akepa, Hawaii (honeycreeper)	Loxops coccineus coccineus	E			0
1	B	`Akepa, Maui (honeycreeper)	Loxops coccineus ochraceus	E			0
1	B	`Akialoa, Kauai (honeycreeper)	Hemignathus procerus	E			0
1	B	`Akiapola`au (honeycreeper)	Hemignathus munroi	E			0
1	B	`O`o, Kauai (=`o`o `a`a) (honeyeater)	Moho braccatus	E			0
1	B	`O`u (honeycreeper)	Psittirostra psittacea	E			0
4	C	Anole, Culebra Island giant	Anolis roosevelti	E			0
4	C	Boa, Mona	Epicrates monensis monensis	T			0
4	C	Boa, Puerto Rican	Epicrates inornatus	E			0
4	C	Boa, Virgin Islands tree	Epicrates monensis granti	E			0
4	C	Crocodile, American	Crocodylus acutus	E			0
4	C	Gecko, Monito	Sphaerodactylus micropithecus	E			0
4	C	Iguana, Mona ground	Cyclura stejnegeri	T			0
1	C	Lizard, blunt-nosed leopard	Gambelia silus	E			0
1	C	Lizard, Coachella Valley fringe-toed	Uma inornata	T			0
1	C	Lizard, Island night	Xantusia riversiana	T			0
4	C	Lizard, St. Croix ground	Ameiva polops	E			0
2	C	Rattlesnake, New Mexican ridge-nosed	Crotalus willardi obscurus	T			0
4	C	Skink, bluetail mole	Eumeces egregius lividus	T			0
4	C	Skink, sand	Neoseps reynoldsi	T			0
4	C	Snake, Atlantic salt marsh	Nerodia clarkii taeniata	T			0
2	C	Snake, Concho water	Nerodia paucimaculata	T			0
4	C	Snake, eastern indigo	Drymarchon corais couperi	T			0
1	C	Snake, giant garter	Thamnophis gigas	T			0
1	C	Snake, San Francisco garter	Thamnophis sirtalis tetrataenia	E			0
1	C	Tortoise, desert	Gopherus agassizii	T	107.5		107.5
4	C	Tortoise, gopher	Gopherus polyphemus	T			0
4	C	Turtle, Alabama redbelly (=red-bellied)	Pseudemys alabamensis	E			0
4	C	Turtle, flattened musk	Sternotherus depressus	T			0
2	C	Turtle, green sea	Chelonia mydas	E	48.8		48.8
2	C	Turtle, green sea	Chelonia mydas	T			0
2	C	Turtle, hawksbill sea (=carey)	Eretmochelys imbricata	E	92.6		92.6
2	C	Turtle, Kemp's ridley sea	Lepidochelys kempii	E	41		41
2	C	Turtle, leatherback sea	Dermochelys coriacea	E	5.4		5.4
2	C	Turtle, loggerhead sea	Caretta caretta	T	135.2		135.2
2	C	Turtle, olive ridley sea	Lepidochelys olivacea	T			0
5	C	Turtle, Plymouth redbelly (=red-bellied)	Pseudemys rubriventris bangsi	E			0
4	C	Turtle, ringed map (=sawback)	Graptemys oculifera	T			0
4	C	Turtle, yellow-blotched map (=sawback)	Graptemys flavimaculata	T			0
4	D	Coqui, golden	Eleutherodactylus jasperi	T			0
1	D	Frog, California red-legged	Rana aurora draytonii	T	2.4		2.4
5	D	Salamander, Cheat Mountain	Plethodon nettingi	T			0
1	D	Salamander, desert slender	Batrachoseps aridus	E			0
4	D	Salamander, Red Hills	Phaeognathus hubrichti	T			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
2	D	Salamander, San Marcos	Eurycea nana	T			0
1	D	Salamander, Santa Cruz long-toed	Ambystoma macrodactylum croceum	E			0
5	D	Salamander, Shenandoah	Plethodon shenandoah	E			0
2	D	Salamander, Texas blind	Typhlomolge rathbuni	E			0
1	D	Toad, Arroyo southwestern	Bufo microscaphus californicus	E			0
2	D	Toad, Houston	Bufo houstonensis	E			0
4	D	Toad, Puerto Rican crested	Peltophryne lemur	T			0
6	D	Toad, Wyoming	Bufo hemiophrys baxteri	E			0
2	E	Catfish, Yaqui	Ictalurus pricei	T			0
4	E	Cavefish, Alabama	Speoplatyrhinus poulsoni	E			0
4	E	Cavefish, Ozark	Amblyopsis rosae	T			0
6	E	Chub, bonytail	Gila elegans	E			0
1	E	Chub, Borax Lake	Gila boraxobius	E			0
2	E	Chub, Chihuahua	Gila nigrescens	T			0
6	E	Chub, humpback	Gila cypha	E	0.7		0.7
1	E	Chub, Hutton tui	Gila bicolor ssp	T			0
1	E	Chub, Mohave tui	Gila bicolor mohavensis	E			0
1	E	Chub, Oregon	Oregonichthys crameri	E			0
1	E	Chub, Owens tui	Gila bicolor snyderi	E			0
1	E	Chub, Pahranagat roundtail (=bonytail)	Gila robusta jordani	E			0
4	E	Chub, slender	Erimystax cahni	T			0
2	E	Chub, Sonora	Gila ditaenia	T			0
4	E	Chub, spotfin (=turquoise shiner)	Cyprinella monacha	T	0.8		0.8
6	E	Chub, Virgin River	Gila robusta semidnuda	E			0
2	E	Chub, Yaqui	Gila purpurea	E			0
1	E	Cui-ui	Chasmistes cujus	E			0
1	E	Dace, Ash Meadows speckled	Rhinichthys osculus nevadensis	E			0
4	E	Dace, blackside	Phoxinus cumberlandensis	T	1.5		1.5
1	E	Dace, Clover Valley speckled	Rhinichthys osculus oligoporus	E			0
1	E	Dace, desert	Eremichthys acros	T			0
1	E	Dace, Foskett speckled	Rhinichthys osculus ssp.	T			0
1	E	Dace, Independence Valley speckled	Rhinichthys osculus lethoporus	E			0
6	E	Dace, Kendall Warm Springs	Rhinichthys osculus thermalis	E			0
1	E	Dace, Moapa	Moapa coriacea	E			0
4	E	Darter, amber	Percina antesella	E			0
4	E	Darter, bayou	Etheostoma rubrum	T			0
4	E	Darter, bluemask (=jewel)	Etheostoma (Doration) sp.	E			0
4	E	Darter, boulder (=Elk River)	Etheostoma wapiti	E			0
4	E	Darter, Cherokee	Etheostoma (Ulocentra) sp.	T			0
4	E	Darter, duskytail	Etheostoma (Catonotus) sp.	E			0
4	E	Darter, Etowah	Etheostoma etowahae	E			0
2	E	Darter, fountain	Etheostoma fonticola	E			0
4	E	Darter, goldline	Percina aurolineata	T			0
2	E	Darter, leopard	Percina pantherina	T			0
5	E	Darter, Maryland	Etheostoma sellare	E			0
3	E	Darter, Niangua	Etheostoma nianguae	T			0
4	E	Darter, Okaloosa	Etheostoma okaloosae	E			0
4	E	Darter, relict	Etheostoma chienense	E			0
4	E	Darter, slackwater	Etheostoma boschungi	T			0
4	E	Darter, snail	Percina tanasi	T			0
4	E	Darter, watercress	Etheostoma nuchale	E			0
2	E	Gambusia, Big Bend	Gambusia gaigei	E	2		2

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	2 E	Gambusia, Clear Creek	Gambusia heterochir	E			0
	2 E	Gambusia, Pecos	Gambusia nobilis	E			0
	2 E	Gambusia, San Marcos	Gambusia georgei	E			0
	1 E	Goby, tidewater	Eucyclogobius newberryi	E	4		4
	4 E	Logperch, Conasauga	Percina jenkinsi	E			0
	5 E	Logperch, Roanoke	Percina rex	E			0
	6 E	Madtom, Neosho	Noturus placidus	T			0
	4 E	Madtom, pygmy	Noturus stanauli	E			0
	3 E	Madtom, Scioto	Noturus trautmani	E			0
	4 E	Madtom, Smoky	Noturus baileyi	E	0 8		0 8
	4 E	Madtom, yellowfin	Noturus flavipinnis	T	0 8		0.8
	2 E	Minnow, loach	Rhinichthys cobitis	T			0
	2 E	Minnow, Rio Grande silvery	Hybognathus amarus	E			0
	1 E	Poolfish, Pahrump	Empetrichthys latos	E			0
	1 E	Pupfish, Ash Meadows Amargosa	Cyprinodon nevadensis mionectes	E			0
	2 E	Pupfish, Comanche Springs	Cyprinodon elegans	E			0
	2 E	Pupfish, desert	Cyprinodon macularius	E	4		4
	1 E	Pupfish, Devils Hole	Cyprinodon diabolis	E	4.9		4.9
	2 E	Pupfish, Leon Springs	Cyprinodon bovinus	E			0
	1 E	Pupfish, Owens	Cyprinodon radiosus	E			0
	1 E	Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	E			0
N	E	Salmon, chinook, Sacramento R winter r	Oncorhynchus tshawytscha	T			0
N	E	Salmon, chinook, Snake R fall run	Oncorhynchus tshawytscha	T			0
N	E	Salmon, chinook, Snake R. spring/summ	Oncorhynchus tshawytscha	T			0
N	E	Salmon, sockeye (=red, =blueback), Sna	Oncorhynchus nerka	E			0
	4 E	Sculpin, pygmy	Cottus pygmaeus	T			0
	2 E	Shiner, beautiful	Cyprinella formosa	T			0
	4 E	Shiner, blue	Cyprinella caerulea	T			0
	4 E	Shiner, Cahaba	Notropis cahabae	E			0
	4 E	Shiner, Cape Fear	Notropis mekistocholas	E			0
	4 E	Shiner, Palezone	Notropis sp.	E			0
	2 E	Shiner, Pecos bluntnose	Notropis simus pecosensis	T			0
	4 E	Silverside, Waccamaw	Menidia extensa	T			0
	1 E	Smelt, delta	Hypomesus transpacificus	T			0
	2 E	Spikedace	Meda fulgida	T			0
	1 E	Spinedace, Big Spring	Lepidomeda mollispinis pratensis	T			0
	2 E	Spinedace, Little Colorado	Lepidomeda vittata	T			0
	1 E	Spinedace, White River	Lepidomeda albivallis	E			0
	1 E	Springfish, Hiko White River	Crenichthys baileyi grandis	E			0
	1 E	Springfish, Railroad Valley	Crenichthys nevadae	T			0
	1 E	Springfish, White River	Crenichthys baileyi baileyi	E			0
	6 E	Squawfish, Colorado	Ptychocheilus lucius	E	4 7		4 7
	1 E	Stickleback, unarmored threespine	Gasterosteus aculeatus williamsoni	E			0
	4 E	Sturgeon, Gulf	Acipenser oxyrhynchus desotoi	T			0
	6 E	Sturgeon, pallid	Scaphirhynchus albus	E			0
N	E	Sturgeon, shortnose	Acipenser brevirostrum	E			0
	1 E	Sturgeon, white (Kootenai River pop.)	Acipenser transmontanus	E			0
	6 E	Sucker, June	Chasmistes liorus	E			0
	1 E	Sucker, Lost River	Deltistes luxatus	E			0
	1 E	Sucker, Modoc	Catostomus microps	E			0
	6 E	Sucker, razorback	Xyrauchen texanus	E	8 7		8 7
	1 E	Sucker, shortnose	Chasmistes brevirostris	E			0

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	1 E	Sucker, Warner	Catostomus warnerensis	T			0
	2 E	Topminnow, Gila (incl. Yaqui)	Poeciliopsis occidentalis	E			0
	2 E	Trout, Apache (=Arizona)	Oncorhynchus apache	T			0
	2 E	Trout, Gila	Oncorhynchus gilae	E			0
	6 E	Trout, greenback cutthroat	Oncorhynchus clarki stomias	T	18		18
	1 E	Trout, Lahontan cutthroat	Oncorhynchus clarki henshawi	T			0
	1 E	Trout, Little Kern golden	Oncorhynchus aguabonita whitei	T			0
	1 E	Trout, Paiute cutthroat	Oncorhynchus clarki seleniris	T			0
N	E	Trout, Umpqua River cutthroat	Oncorhynchus clarki clarki	E			0
	6 E	Woundfin	Plagopterus argentissimus	E			0
	4 F	Acornshell, southern	Epioblasma othcaloogensis	E			0
	5 F	Clubshell	Pleurobema clava	E			0
	4 F	Clubshell, black (=Curtus' mussel)	Pleurobema curtum	E			0
	4 F	Clubshell, ovate	Pleurobema perovatum	E			0
	4 F	Clubshell, southern	Pleurobema decisum	E			0
	4 F	Combshell, southern (=penitent mussel)	Epioblasma penita	E			0
	4 F	Combshell, upland	Epioblasma metastriata	E			0
	4 F	Elktoe, Appalachian	Alasmidonta raveneliana	E			0
	4 F	Fanshell	Cyprogenia stegaria	E			0
	4 F	Fatmucket, Arkansas	Lampsilis powelli	T			0
	4 F	Heelsplitter, Carolina	Lasmigona decorata	E			0
	4 F	Heelsplitter, inflated	Potamilus inflatus	T			0
	4 F	Kidneyshell, triangular	Ptychobranchus greeni	E			0
	4 F	Lampmussel, Alabama (=Pearly mussel,	Lampsilis virescens	E			0
	4 F	Moccasinshell, Alabama	Medionidus acutissimus	T			0
	4 F	Moccasinshell, Coosa	Medionidus parvulus	E			0
	4 F	Mucket, orange-nacre	Lampsilis perovalis	T			0
	5 F	Mussel, dwarf wedge	Alasmidonta heterodon	E			0
	4 F	Mussel, ring pink (=golf stick pearly)	Obovaria retusa	E			0
	3 F	Mussel, winged mapleleaf	Quadrula fragosa	E	100		100
	4 F	Pearlshell, Louisiana	Margaritifera hembeli	T			0
	4 F	Pearlymussel, Appalachian monkeyface	Quadrula sparsa	E			0
	4 F	Pearlymussel, birdwing	Conradilla caelata	E			0
	4 F	Pearlymussel, cracking	Hemistena lata	E			0
	4 F	Pearlymussel, Cumberland bean	Villosa trabalis	E			0
	4 F	Pearlymussel, Cumberland monkeyface	Quadrula intermedia	E			0
	3 F	Pearlymussel, Curtis'	Epioblasma florentina curtisi	E			0
	4 F	Pearlymussel, dromedary	Dromus dromas	E			0
	4 F	Pearlymussel, green-blossom	Epioblasma torulosa gubernaculum	E			0
	3 F	Pearlymussel, Higgins' eye	Lampsilis higginsi	E	140		140
	4 F	Pearlymussel, little-wing	Pegias fabula	E			0
	4 F	Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	E			0
	4 F	Pearlymussel, pale lilliput	Toxolasma cylindrellus	E			0
	4 F	Pearlymussel, pink mucket	Lampsilis abrupta	E			0
	4 F	Pearlymussel, purple cat's paw	Epioblasma obliquata obliquata	E			0
	4 F	Pearlymussel, tubercled-blossom	Epioblasma torulosa torulosa	E			0
	4 F	Pearlymussel, turgid-blossom	Epioblasma turgidula	E			0
	3 F	Pearlymussel, white cat's paw	Epioblasma obliquata perobliqua	E			0
	4 F	Pearlymussel, white wartyback	Plethobasus cicatricosus	E			0
	4 F	Pearlymussel, yellow-blossom	Epioblasma florentina florentina	E			0
	4 F	Pigtoe, Cumberland (=Cumberland pigto	Pleurobema gibberum	E			0
	4 F	Pigtoe, dark	Pleurobema furvum	E			0

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4	F	Pigtoe, fine-rayed	Fusconaia cuneolus	E			0
4	F	Pigtoe, flat (=Marshall's mussel)	Pleurobema marshalli	E			0
4	F	Pigtoe, heavy (=Judge Tait's mussel)	Pleurobema taitianum	E			0
4	F	Pigtoe, rough	Pleurobema plenum	E			0
4	F	Pigtoe, shiny	Fusconaia cor	E			0
4	F	Pigtoe, southern	Pleurobema georgianum	E			0
4	F	Pocketbook, fat	Potamilus capax	E			0
4	F	Pocketbook, fine-lined	Lampsilis altilis	T			0
4	F	Pocketbook, speckled	Lampsilis streckeri	E			0
5	F	Riffleshell, northern	Epioblasma torulosa rangiana	E			0
4	F	Riffleshell, tan	Epioblasma walkeri	E			0
2	F	Rock-pocketbook, Ouachita (=Wheeler's	Arkansia wheeleri	E			0
5	F	Spinymussel, James River (=Virginia)	Pleurobema collina	E			0
4	F	Spinymussel, Tar River	Elliptio steinstansana	E			0
4	F	Stirrupshell	Quadrula stapes	E			0
6	G	Ambersnail, Kanab	Oxyloma haydeni kanabensis	E			0
1	G	Limpet, Banbury Springs	Lanx sp.	E			0
4	G	Marstonia (snail), royal (=obese)	Pyrgulopsis ogmoraphe	E			0
4	G	Riversnail, Anthony's	Athearnia anthonyi	E			0
4	G	Shagreen, Magazine Mountain	Mesodon magazinensis	T			0
1	G	Snails, Oahu tree	Achatinella^ spp. (all species)	E			0
1	G	Snail, Bliss Rapids	Taylorconcha serpenticola	T			0
5	G	Snail, Chittenango ovate amber	Succinea chittenangoensis	T			0
5	G	Snail, flat-spired three-toothed	Triodopsis platysayoides	T			0
3	G	Snail, Iowa Pleistocene	Discus macclintocki	E			0
1	G	Snail, Morro shoulderband (=Banded dun	Helminthoglypta walkeriana	E			0
4	G	Snail, noonday	Mesodon clarki nantahala	T			0
4	G	Snail, painted snake coiled forest	Anguispira picta	T			0
1	G	Snail, Snake River physa	Physa natricina	E			0
4	G	Snail, Stock Island tree	Orthalicus reses	T			0
4	G	Snail, tulotoma (=Alabama live-bearing)	Tulotoma magnifica	E			0
1	G	Snail, Utah valvata	Valvata utahensis	E			0
5	G	Snail, Virginia fringed mountain	Polygyriscus virginianus	E			0
2	G	Springsnail, Alamosa	Tryonia alamosae	E			0
1	G	Springsnail, Bruneau Hot	Pyrgulopsis bruneauensis	E			0
1	G	Springsnail, Idaho	Fontelicella idahoensis	E			0
2	G	Springsnail, Socorro	Pyrgulopsis neomexicana	E			0
5	I	Beetle, American burying (=giant carrion)	Nicrophorus americanus	E			0
2	I	Beetle, Coffin Cave mold	Batrisodes texanus	E			0
1	I	Beetle, delta green ground	Elaphrus viridis	T			0
3	I	Beetle, Hungerford's crawling water	Brychius hungerfordi	E			0
2	I	Beetle, Kretschmarr Cave mold	Texamaurops reddelli	E			0
5	I	Beetle, northeastern beach tiger	Cicindela dorsalis dorsalis	T	1.4		1.4
5	I	Beetle, Puritan tiger	Cicindela puritana	T			0
2	I	Beetle, Tooth Cave ground	Rhadine persephone	E			0
1	I	Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	T	1		1
1	I	Butterfly, bay checkerspot	Euphydryas editha bayensis	T			0
1	I	Butterfly, El Segundo blue	Euphilotes battoides allyni	E			0
5	I	Butterfly, Karner blue	Lycaeides melissa samuelis	E	3		3
1	I	Butterfly, Lange's metalmark	Apodemia mormo langei	E			0
1	I	Butterfly, lotis blue	Lycaeides argyrognomon lotis	E			0
1	I	Butterfly, mission blue	Icaricia icarioides missionensis	E	29.2		29.2

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3	I	Butterfly, Mitchell's satyr	Neonympha mitchellii mitchellii	E			0
1	I	Butterfly, Myrtle's silverspot	Speyeria zerene myrtleae	E	3		3
1	I	Butterfly, Oregon silverspot	Speyeria zerene hippolyta	T	0.3		0.3
1	I	Butterfly, Palos Verdes blue	Glaucopsyche lygdamus palosverdesens	E			0
4	I	Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	E			0
1	I	Butterfly, San Bruno elfin	Callophrys mossii bayensis	E			0
4	I	Butterfly, Schaus swallowtail	Heraclides aristodemus ponceanus	E			0
1	I	Butterfly, Smith's blue	Euphilotes enoptes smithi	E			0
6	I	Butterfly, Uncompahgre fritillary	Boloria acrocnema	E			0
3	I	Dragonfly, Hine's (=Ohio) emerald	Somatochlora hineana	E			0
1	I	Fly, Delhi Sands flower-loving	Rhaphiomidas terminatus abdominalis	E			0
1	I	Moth, Kern primrose sphinx	Euproserpinus euterpe	T			0
1	I	Naucorid, Ash Meadows	Ambrysus amargosus	T			0
6	I	Skipper, Pawnee montane	Hesperia leonardus montana	T			0
2	J	Harvestman, Bee Creek Cave	Texella reddelli	E			0
2	J	Harvestman, Bone Cave	Texella reyesi	E			0
2	J	Pseudoscorpion, Tooth Cave	Microcreagris texana	E			0
4	J	Spider, spruce-fir moss	Microhexura montivaga	E			0
2	J	Spider, Tooth Cave	Leptoneta myopica	E			0
5	K	Amphipod, Hay's Spring	Stygobromus hayi	E			0
4	K	Crayfish, cave [no common name]	Cambarus aculabrum	E			0
4	K	Crayfish, cave [no common name]	Cambarus zophonastes	E			0
4	K	Crayfish, Nashville	Orconectes shoupi	E			0
1	K	Crayfish, Shasta (=placid)	Pacifastacus fortis	E			0
1	K	Fairy shrimp, Conservancy	Branchinecta conservatio	E			0
1	K	Fairy shrimp, longhorn	Branchinecta longiantenna	E			0
1	K	Fairy shrimp, riverside	Streptocephalus woottoni	E			0
1	K	Fairy shrimp, vernal pool	Branchinecta lynchi	T			0
5	K	Isopod, Lee County cave	Lirceus usdagalun	E			0
5	K	Isopod, Madison Cave	Antrolana lira	T			0
2	K	Isopod, Socorro	Thermosphaeroma thermophilus	E			0
4	K	Shrimp, Alabama cave	Palaemonias alabamae	E			0
1	K	Shrimp, California freshwater	Syncaris pacifica	E	28		28
4	K	Shrimp, Kentucky cave	Palaemonias ganteri	E			0
4	K	Shrimp, Squirrel Chimney Cave (=Florida	Palaemonetes cummingi	T			0
1	K	Tadpole shrimp, vernal pool	Lepidurus packardi	E			0
2	Q	Sand-verbena, large-fruited	Abronia macrocarpa	E			0
1	Q	Abutilon eremitopetalum (=Sci name)	Abutilon eremitopetalum	E			0
1	Q	Ko'oloa'ula	Abutilon menziesii	E			0
1	Q	Abutilon sandwicense (=Sci name)	Abutilon sandwicense	E			0
1	Q	Liliwai	Acaena exigua	E			0
1	Q	Thornmint, San Mateo	Acanthomintha obovata ssp duttonii	E			0
1	Q	Chaff-flower, round-leaved	Achyranthes splendens var rotundata	E			0
3	Q	Monkshood, northern wild	Aconitum noveboracense	T			0
4	Q	Joint-vetch, sensitive	Aeschynomene virginica	T			0
5	Q	Gerardia, sandplain	Agalinis acuta	E			0
2	Q	Agave, Arizona	Agave arizonica	E			0
1	Q	Mahoe	Alectryon macrococcus	E			0
1	Q	Alsinidendron obovatum (=Sci name)	Alsinidendron obovatum	E			0
1	Q	Alsinidendron trinerve (=Sci name)	Alsinidendron trinerve	E			0
1	Q	None	Amaranthus brownii	E			
4	Q	Amaranth, seabeach	Amaranthus pumilus	T	15.2		15.2

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2	Q	Ambrosia, south Texas	Ambrosia cheiranthifolia	E			0
4	Q	Lead-plant, Crenulate	Amorpha crenulata	E			0
4	Q	Amphianthus, little	Amphianthus pusillus	T			0
1	Q	Fiddleneck, Large-flowered	Amsinckia grandiflora	E			0
2	Q	Blue-star, Kearney's	Amsonia kearneyana	E			0
2	Q	Cactus, Tobusch fishhook	Ancistrocactus tobuschii	E			0
3	Q	Potato-bean, Price's	Apios priceana	T			0
1	Q	Rock-cress, McDonald's	Arabis mcdonaldiana	E			0
4	Q	Rock-cress	Arabis perstellata	E			0
5	Q	Rock-cress, shale barren	Arabis serotina	E			0
6	Q	Bear-poppy, dwarf	Arctomecon humilis	E			0
1	Q	Manzanita, Presido (=Raven's)	Arctostaphylos hookeri var. ravenii	E	39.1		39.1
1	Q	Manzanita, Morro	Arctostaphylos morroensis	T			0
4	Q	Sandwort, Cumberland	Arenaria cumberlandensis	E			0
1	Q	Sandwort, Marsh	Arenaria paludicola	E			0
2	Q	Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	E			0
1	Q	Silversword, Ka`u	Argyroxiphium kauense	E	1		1
1	Q	Silversword, Haleakala (`ahinahina)	Argyroxiphium sandwicense ssp. macroc	E			0
1	Q	Silversword, `Ahinahina Mauna Kea	Argyroxiphium sandwicense ssp. sandwi	E			0
4	Q	Aristida chaseae (=Sci name)	Aristida chaseae	E			0
4	Q	Pelos del diablo	Aristida portoricensis	E			0
3	Q	Milkweed, Mead's	Asclepias meadii	T			0
6	Q	Milkweed, Welsh's	Asclepias welshii	T			0
4	Q	Pawpaw, four-petal	Asimina tetramera	E			0
1	Q	Milk-vetch, Cushenbury	Astragalus albens	E			0
1	Q	Milk-vetch, Applegate's	Astragalus applegatei	E			0
4	Q	Ground-plum, Guthrie's	Astragalus bibullatus	E			0
2	Q	Milk-vetch, Sentry	Astragalus cremnophylax var. cremnoph	E			0
2	Q	Milk-vetch, Mancos	Astragalus humillimus	E			0
6	Q	Milk-vetch, heliotrope	Astragalus montii	T			0
6	Q	Milk-vetch, Osterhout	Astragalus osterhoutii	E			0
1	Q	Milk-vetch, Ash meadows	Astragalus phoenix	T			0
5	Q	Milk-vetch, Jesup's	Astragalus robbinsii var. jesupi	E			0
2	Q	Cactus, star	Astrophytum asterias	E			0
4	Q	Auerodendron pauciflorum (=Sci name)	Auerodendron pauciflorum	E			0
2	Q	Ayenia, Texas	Ayenia limitaris	E			0
4	Q	Palo de Ramon	Banara vanderbiltii	E			0
4	Q	Rattleweed, hairy	Baptisia arachnifera	E			0
1	Q	Barberry, Truckee	Berberis sonnei	E			0
5	Q	Birch, Virginia round-leaf	Betula uber	T			0
1	Q	Bidens, cuneate	Bidens cuneata	E			0
1	Q	ko`oko`olau	Bidens micrantha ssp. kalealaha	E			0
1	Q	Ko`oko`olau	Bidens wiebkei	E			0
1	Q	Sunshine, Sonoma (=Stickyseed, Baker'	Blennosperma bakeri	E			0
3	Q	Aster, decurrent false	Boltonia decurrens	T			0
4	Q	Bonamia, Florida	Bonamia grandiflora	T			0
1	Q	Bonamia menziesii (=Sci name)	Bonamia menziesii	E			0
1	Q	`Olulu	Brighamia insignis	E			0
1	Q	Pau`ala	Brighamia rockii	E			0
4	Q	Boxwood, Vahl's	Buxus vahlii	E			0
1	Q	Uhiuhi	Caesalpinia kavaiense	E			0
4	Q	Capa rosa	Callicarpa ampla	E			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
2	Q	Poppy-mallow, Texas	Callirhoe scabriuscula	E			0
1	Q	Mariposa lily, Tiburon	Calochortus tiburonensis	T			0
4	Q	Calyptranthes thomasiana (=Sci name)	Calyptranthes thomasiana	E			0
4	Q	Manaca, palma de	Calyptronoma rivalis	T			0
1	Q	Evening-primrose, San Benito	Camissonia benitensis	T			0
4	Q	Bellflower, Brooksville	Campanula robinsiae	E			0
1	Q	'Awikiwiki	Canavalia molokaiensis	E			0
4	Q	Bittercress, small-anthered	Cardamine micranthera	E			0
2	Q	Sedge, Navajo	Carex specuicola	T			0
1	Q	Paintbrush, Tiburon	Castilleja affinis ssp. neglecta	E	1.5		1.5
1	Q	Indian paintbrush, San Clemente Island	Castilleja grisea	E			0
1	Q	Jewelflower, California	Caulanthus californicus	E			0
1	Q	Ceanothus, coyote (=California-lilac, Coy	Ceanothus ferrisae	E			0
1	Q	Centaury, spring-loving	Centaurium namophilum	T			0
1	Q	'Awiwi	Centaurium sebaeoides	E	6		6
4	Q	Prickly-apple, fragrant	Cereus eriophorus var. fragrans	E			0
4	Q	Chamaecrista glandulosa var. mirabilis (=	Chamaecrista glandulosa var. mirabilis	E			0
1	Q	'Akoko	Chamaesyce celastroides var. kaenana	E			0
4	Q	Spurge, deltoid	Chamaesyce deltoidea ssp. deltoidea	E			0
1	Q	'Akoko	Chamaesyce deppeana	E			0
4	Q	Spurge, Garber's	Chamaesyce garberi	T			0
1	Q	Chamaesyce halemanui (=Sci name)	Chamaesyce halemanui	E			0
1	Q	'Akoko	Chamaesyce kuwaleana	E			0
1	Q	'Akoko, Ewa Plains	Chamaesyce skottsbergii var. kalaeloana	E			0
4	Q	Tree, pygmy fringe	Chionanthus pygmaeus	E			0
1	Q	Spineflower, Howell's	Chorizanthe howellii	E			0
1	Q	Spineflower, Ben Lomond	Chorizanthe pungens var. hartwegiana	E			0
1	Q	Spineflower, Monterey	Chorizanthe pungens var. pungens	T			0
1	Q	Spineflower, Robust (incl. Scotts Valley)	Chorizanthe robusta (incl. vars. robusta	E			0
1	Q	Spineflower, Sonoma	Chorizanthe valida	E	1.5		1.5
4	Q	Aster, Florida golden	Chrysopsis floridana	E			0
1	Q	Thistle, fountain	Cirsium fontinale var. fontinale	E			0
1	Q	Thistle, Chorro Creek	Cirsium fontinale var. obispoense	E			0
3	Q	Thistle, Pitcher's	Cirsium pitcheri	T	6.3		6.3
2	Q	Thistle, Sacramento Mountains	Cirsium vinaceum	T			0
1	Q	Clarkia, Presidio	Clarkia franciscana	E	45.5		45.5
1	Q	Clarkia, Pismo	Clarkia speciosa ssp. immaculata	E			0
4	Q	Leather flower, Morefield's	Clematis morefieldii	E			0
4	Q	Leather flower, Alabama	Clematis socialis	E			0
1	Q	'Oha wai	Clermontia lindseyana	E			0
1	Q	'Oha wai	Clermontia oblongifolia ssp. brevipes	E			0
1	Q	'Oha wai	Clermontia oblongifolia ssp. mauiensis	E			0
1	Q	'Oha wai	Clermontia peleana	E			0
1	Q	'Oha wai	Clermontia pyrularia	E			0
4	Q	Wings, Pigeon	Clitoria fragrans	T			0
1	Q	Kauila	Colubrina oppositifolia	E			0
4	Q	Rosemary, short-leaved	Conradina brevifolia	E			0
4	Q	Rosemary, Etonia	Conradina etonia	E			0
4	Q	Rosemary, Apalachicola	Conradina glabra	E			0
4	Q	Rosemary, Cumberland	Conradina verticillata	T			0
1	Q	Bird's-beak, salt marsh	Cordylanthus maritimus ssp. maritimus	E			0
1	Q	Bird's beak, palmate-bracted	Cordylanthus palmatus	E			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
1	Q	Bird's-beak, Pennell's	Cordylanthus tenuis ssp capillaris	E			0
4	Q	Palo de Nigua	Cornutia obovata	E			0
2	Q	Cactus, bunched cory	Coryphantha ramillosa	T	0.2		0.2
2	Q	Cactus, Cochise pincushion	Coryphantha robbinsorum	T			0
2	Q	Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	E			0
2	Q	Cactus, Lee pincushion	Coryphantha sneedii var. leei	T	30.5		30.5
2	Q	Cactus, Sneed pincushion	Coryphantha sneedii var. sneedii	E			0
4	Q	Cranichis ricartii (=Sci name)	Cranichis ricartii	E			0
4	Q	Higuero de Sierra	Crescentia portoricensis	E			0
4	Q	Harebells, Avon Park	Crotalaria avonensis	E			0
2	Q	Cat's-eye, Terlingua Creek	Cryptantha crassipes	E			0
4	Q	Gourd, Okeechobee	Cucurbita okeechobeensis ssp okeecho	E			0
1	Q	Haha	Cyanea asarifolia	E			0
1	Q	Haha	Cyanea copelandii ssp copelandii	E			0
1	Q	Haha	Cyanea grimesiana spp. obatae	E			0
1	Q	Haha	Cyanea hamatiflora ssp carlsonii	E			0
1	Q	Haha	Cyanea lobata	E			0
1	Q	Cyanea macrostegia ssp gibsonii (=Sci	Cyanea macrostegia ssp gibsonii	E			0
1	Q	Haha	Cyanea mannii	E			0
1	Q	haha	Cyanea mceldowneyi	E			0
1	Q	Haha	Cyanea pinnatifida	E			0
1	Q	Haha	Cyanea procera	E			0
1	Q	Haha	Cyanea shipmannii	E			0
1	Q	Haha	Cyanea stictophylla	E			0
1	Q	Cyanea superba (=Sci name)	Cyanea superba	E			0
1	Q	Haha	Cyanea truncata	E			0
1	Q	Cyanea undulata (=Sci name)	Cyanea undulata	E			0
2	Q	Cycladenia, Jones	Cycladenia humilis var. jonesii	T	3		3
1	Q	Ha`iwale	Cyrtandra crenata	E			0
1	Q	Ha`iwale	Cyrtandra giffardii	E			0
1	Q	Ha`iwale	Cyrtandra limahuliensis	T			0
1	Q	Ha`iwale	Cyrtandra munroi	E			0
1	Q	Ha`iwale	Cyrtandra polyantha	E			0
1	Q	Ha`iwale	Cyrtandra tintinnabula	E			0
3	Q	Prairie-clover, leafy	Dalea foliosa	E			0
4	Q	Daphnopsis hellerana (=Sci name)	Daphnopsis hellerana	E			0
4	Q	Pawpaw, beautiful	Deeringothamnus pulchellus	E			0
4	Q	Pawpaw, Rugel's	Deeringothamnus rugelii	E			0
1	Q	Delissea rhytidosperma (=Sci name)	Delissea rhytidosperma	E			0
1	Q	Larkspur, San Clemente Island	Delphinium variegatum ssp. kinkiense	E			0
4	Q	Mint, Garrett's (=scrub, in part)	Dicerandra christmanii	E			0
4	Q	Mint, longspurred	Dicerandra cornutissima	E			0
4	Q	Mint, scrub	Dicerandra frutescens	E			0
4	Q	Mint, Lakela's	Dicerandra immaculata	E			0
1	Q	Spineflower, slender-horned	Dodecahema leptoceras	E			0
1	Q	Na`ena`e	Dubautia herbstobatae	E			0
1	Q	Dubautia latifolia (=Sci name)	Dubautia latifolia	E			0
1	Q	Dubautia pauciflorula (=Sci name)	Dubautia pauciflorula	E			0
1	Q	Dudleya, Santa Clara Valley	Dudleya setchellii	E			0
1	Q	Liveforever, Santa Barbara Island	Dudleya traskiae	E			0
4	Q	Coneflower, smooth	Echinacea laevigata	E			0
4	Q	Coneflower, Tennessee purple	Echinacea tennesseensis	E			0

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2	Q	Cactus, Nichol's Turk's head	Echinocactus horizonthalonius var nichol	E			0
2	Q	Cactus, Chisos Mtn. hedgehog	Echinocereus chisoensis var. chisoensis	T	0.4		0.4
2	Q	Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	E			0
2	Q	Cactus, Lloyd's hedgehog	Echinocereus lloydii	E			0
2	Q	Cactus, black lace	Echinocereus reichenbachii var. albertii	E			0
2	Q	Cactus, Arizona hedgehog	Echinocereus triglochidiatus var. arizonic	E			0
2	Q	Pitaya, Davis' green	Echinocereus viridiflorus var. davisii	E			0
2	Q	Cactus, Lloyd's Mariposa	Echinomastus mariposensis	T	0.2		0.2
1	Q	Sunray, Ash Meadows	Enceliopsis nudicaulis var. corrugata	T			0
1	Q	Mallow, Kern	Eremalche kernensis	E			0
1	Q	Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	E			0
1	Q	Woolly-star, Hoover's	Eriastrum hooveri	T			0
6	Q	Daisy, Maguire	Erigeron maguirei var. maguirei	E			0
1	Q	Daisy, Parish's	Erigeron parishii	T			0
2	Q	Fleabane, Rhizome	Erigeron rhizomatus	T			0
1	Q	Mountain balm, Indian Knob	Eriodictyon altissimum	E			0
2	Q	Wild-buckwheat, gypsum	Eriogonum gypsophilum	T			0
4	Q	Buckwheat, scrub	Eriogonum longifolium var gnaphalifoliu	T			0
1	Q	Buckwheat, cushenbury	Eriogonum ovalifolium var. vineum	E			0
1	Q	Buckwheat, steamboat	Eriogonum ovalifolium var. williamsiae	E			0
6	Q	Wild-buckwheat, clay-loving	Eriogonum pelinophilum	E			0
1	Q	Sunflower, San Mateo woolly	Eriophyllum latilobum	E			0
1	Q	Button-celery, San Diego	Eryngium aristulatum var. parishii	E			0
1	Q	Thistle, Loch Lomond coyote	Eryngium constancei	E			0
4	Q	Snakeroot	Eryngium cuneifolium	E			0
1	Q	Wallflower, Contra Costa	Erysimum capitatum var angustatum	E			0
1	Q	Wallflower, Menzies'	Erysimum menziesii	E			0
1	Q	Wallflower, Ben Lomond	Erysimum teretifolium	E			0
3	Q	Lily, Minnesota trout	Erythronium propullans	E			0
2	Q	Cactus, Nellie cory	Escobaria minima	E			0
4	Q	Uvillo	Eugenia haematocarpa	E			0
1	Q	Nioi	Eugenia koolauensis	E			0
4	Q	Eugenia woodburyana (=Sci name)	Eugenia woodburyana	E			0
4	Q	Spurge, telephus	Euphorbia telephioides	T			0
6	Q	Mustard, Penland alpine fen	Eutrema penlandii	T			0
1	Q	Heau	Exocarpos luteolus	E			0
1	Q	Mehamehame	Flueggea neowawraea	E			0
2	Q	Frankenia, Johnston's	Frankenia johnstonii	E			0
1	Q	Gahnia lanaiensis (=Sci name)	Gahnia lanaiensis	E			0
4	Q	Milkpea, Small's	Galactia smallii	E			0
1	Q	Gardenia, Hawaiian (na'u)	Gardenia brighamii	E			0
3	Q	Geocarpon minimum (=Sci name)	Geocarpon minimum	T			0
1	Q	Geranium, Hawaiian red-flowered	Geranium arboreum	E			0
1	Q	Nohoanu	Geranium multiflorum	E			0
4	Q	Gesneria pauciflora (=Sci name)	Gesneria pauciflora	T			0
4	Q	Avens, spreading	Geum radiatum	E	3.3		3.3
1	Q	Gilia, Monterey	Gilia tenuiflora ssp. arenaria	E			0
4	Q	Goetzea, beautiful (matabuey)	Goetzea elegans	E			0
1	Q	Gouania hillebrandii (=Sci name)	Gouania hillebrandii	E			0
1	Q	Gouania meyenii (=Sci name)	Gouania meyenii	E			0
1	Q	Gouania vitifolia (=Sci name)	Gouania vitifolia	E			0
1	Q	Gumplant, Ash Meadows	Grindelia fraxino-pratensis	T			0

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1	Q	Haplostachys haplostachya (=Sci name)	Haplostachys haplostachya	E		0
4	Q	Beauty, Harper's	Harperocallis flava	E		0
4	Q	Chumbo, higo	Harrisia portoricensis	T		0
2	Q	Pennyroyal, Todsen's	Hedeoma todsenii	E		0
1	Q	`Awiwi	Hedyotis cookiana	E		0
1	Q	Kio`ele	Hedyotis coriacea	E		0
1	Q	Hedyotis degeneri (=Sci name)	Hedyotis degeneri	E		0
1	Q	Pilo	Hedyotis mannii	E		0
1	Q	Hedyotis parvula (=Sci name)	Hedyotis parvula	E		0
4	Q	Bluet, Roan Mountain	Hedyotis purpurea var. montana	E		0
1	Q	Hedyotis, Na Pali beach	Hedyotis st.-johnii	E		0
4	Q	Sunflower, Schweinitz's	Helianthus schweinitzii	E		0
5	Q	Pink, swamp	Helonias bullata	T	0.5	0.5
1	Q	Dwarf-flax, Marin	Hesperolinon congestum	T	7.9	7.9
1	Q	Hesperomannia arborescens (=Sci name	Hesperomannia arborescens	E		0
1	Q	Hesperomannia arbuscula (=Sci name)	Hesperomannia arbuscula	E		0
1	Q	Hesperomannia lydgatei (=Sci name)	Hesperomannia lydgatei	E		0
4	Q	Heartleaf, dwarf-flowered	Hexastylis naniflora	T		0
1	Q	Kauai hau kuahiwi	Hibiscadelphus distans	E		0
1	Q	Koki`o ke`oke`o	Hibiscus arnottianus ssp. immaculatus	E		0
1	Q	Ma`o hau hele (=biscus, native yellow)	Hibiscus brackenridgei	E		0
1	Q	Hibiscus, Clay's	Hibiscus clayi	E		0
2	Q	Rush-pea, slender	Hoffmannseggia tenella	E		0
6	Q	Howellia, water	Howellia aquatilis	T		0
4	Q	Heather, mountain golden	Hudsonia montana	T		0
3	Q	Daisy, lakeside	Hymenoxys herbacea (=acaulis var. gla	T		0
2	Q	Dawn-flower, Texas prairie	Hymenoxys texana	E		0
4	Q	Hypericum, highlands scrub	Hypericum cumulicola	E		0
4	Q	Holly, Cook's	Ilex cookii	E		0
4	Q	Ilex sintenisii (=Sci name)	Ilex sintenisii	E		0
5	Q	Mallow, Peter's Mountain	Iliamna corei	E		0
2	Q	Ipomopsis, Holy Ghost	Ipomopsis sancti-spiritus	E		0
3	Q	Iris, dwarf lake	Iris lacustris	T		0
1	Q	Ischaemum, Hilo	Ischaemum byrone	E	1	1
1	Q	Aupaka	Isodendrion hosakae	E		0
1	Q	Kula, wahine noho	Isodendrion pyrifolium	E		0
3	Q	Pogonia, small whorled	Isotria medeoloides	T	4	4
1	Q	Ivesia, Ash Meadows	Ivesia kingii var. eremica	T		0
4	Q	Jacquemontia, beach	Jacquemontia reclinata	E		0
1	Q	Water-willow, Cooley's	Justicia cooleyi	E		0
1	Q	Kokio, Cooke's	Kokia cookei	E		0
1	Q	Koki`o (=hau-hele`ula or Hawaii tree cott	Kokia drynarioides	E		0
1	Q	Kamakahala	Labordia lydgatei	E		0
1	Q	Goldfields, Burke's	Lasthenia burkei	E		0
1	Q	Layia, beach	Layia carnosa	E	1.5	1.5
1	Q	Wooly-threads, San Joaquin	Lembertia congdonii	E		0
4	Q	Lepanthes eltoroensis (=Sci name)	Lepanthes eltoroensis	E		0
6	Q	Ridge-cress (=pepper-cress), Barneby	Lepidium barnebyanum	E		0
4	Q	Leptocereus grantianus (=Sci name)	Leptocereus grantianus	E		0
3	Q	Bush-clover, prairie	Lespedeza leptostachya	T		0
6	Q	Bladderpod, Dudley Bluffs	Lesquerella congesta	T		0
3	Q	Bladderpod, Missouri	Lesquerella filiformis	E		0

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1	Q	Bladderpod, San Bernardino Mountains	Lesquerella kingii ssp bernardina	E			0
4	Q	Bladderpod, lyrate	Lesquerella lyrata	T			0
2	Q	Bladderpod, white	Lesquerella pallida	E			0
6	Q	Bladderpod, kodachrome	Lesquerella tumulosa	E			0
4	Q	Blazingstar, Heller's	Liatris helleri	T		2	2
4	Q	Blazingstar, scrub	Liatris ohlingerae	E			0
1	Q	Lily, Western	Lilium occidentale	E			0
1	Q	Meadowfoam, Butte County	Limnanthes floccosa ssp. californica	E			0
1	Q	Meadowfoam, Sebastopol	Limnanthes vinculans	E			0
3	Q	Pondberry	Lindera melissifolia	E			0
1	Q	Nehe	Lipochaeta fauriei	E			0
1	Q	Nehe	Lipochaeta kamolensis	E			0
1	Q	Nehe	Lipochaeta lobata var. leptophylla	E			0
1	Q	Nehe	Lipochaeta micrantha	E			0
1	Q	Nehe	Lipochaeta tenuifolia	E			0
1	Q	Lipochaeta venosa (=Sci name)	Lipochaeta venosa	E			0
1	Q	Nehe	Lipochaeta waimeaensis	E			0
1	Q	Lobelia niihauensis (=Sci name)	Lobelia niihauensis	E			0
1	Q	Lobelia oahuensis (=Sci name)	Lobelia oahuensis	E			0
1	Q	Lomatium, Bradshaw's	Lomatium bradshawii	E			0
1	Q	Broom, San Clemente Island	Lotus dendroideus ssp traskiae	E			0
4	Q	Lupine, scrub	Lupinus aridorum	E			0
1	Q	Lupine, clover	Lupinus tidestromii	E		1.5	1.5
4	Q	Lyonia truncata var. proctorii (=Sci name	Lyonia truncata var. proctorii	E			0
4	Q	Loosestrife, rough-leaved	Lysimachia asperulaefolia	E			0
1	Q	Lysimachia filifolia (=Sci name)	Lysimachia filifolia	E			0
1	Q	Lysimachia lydgatei (=Sci name)	Lysimachia lydgatei	E			0
4	Q	Birds-in-a-nest, white	Macbridea alba	T			0
1	Q	Bush-mallow, San Clemente Island	Malacothamnus clementinus	E			0
2	Q	Manioc, Walker's	Manihot walkerae	E			0
1	Q	Mariscus fauriei (=Sci name)	Mariscus fauriei	E			0
1	Q	Mariscus pennatiformis (=Sci name)	Mariscus pennatiformis	E			0
4	Q	Button, Mohr's Barbara	Marshallia mohrii	T			0
1	Q	Alani	Melicope adscendens	E			0
1	Q	Alani	Melicope balloui	E			0
1	Q	Alani	Melicope haupuensis	E			0
1	Q	Alani	Melicope knudsenii	E			0
1	Q	Alani	Melicope lydgatei	E			0
1	Q	Alani	Melicope mucronulata	E			0
1	Q	Alani	Melicope ovalis	E			0
1	Q	Alani	Melicope pallida	E			0
1	Q	Alani	Melicope quadrangularis	E			0
1	Q	Alani	Melicope reflexa	E			0
1	Q	Blazingstar, Ash Meadows	Mentzelia leucophylla	T			0
3	Q	Monkey-flower, Michigan	Mimulus glabratus var. michiganensis	E			0
1	Q	Four-o'clock, MacFarlane's	Mirabilis macfarlanei	E			0
4	Q	Mitracarpus maxwelliae (=Sci name)	Mitracarpus maxwelliae	E			0
4	Q	Mitracarpus polycladus (=Sci name)	Mitracarpus polycladus	E			0
1	Q	Munroidendron racemosum (=Sci name)	Munroidendron racemosum	E			0
4	Q	Myrcia paganii (=Sci name)	Myrcia paganii	E			0
1	Q	Neraudia angulata (=Sci name)	Neraudia angulata	E			0
1	Q	Neraudia sericea (=Sci name)	Neraudia sericea	E			0

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1	Q	Niterwort, Amargosa	Nitrophila mohavensis	E			0
4	Q	Beargrass, Britton's	Nolina brittoniana	E			0
1	Q	'Aiea	Nothocestrum breviflorum	E			0
1	Q	'Aiea	Nothocestrum peltatum	E			0
1	Q	Kulu'i	Nototrichium humile	E			0
1	Q	Holei	Ochrosia kilaueaensis	E			0
1	Q	Evening-primrose, Eureka Valley	Oenothera avita ssp. eurekensis	E	0.5		0.5
1	Q	Evening-primrose, Antioch Dunes	Oenothera deltoides ssp. howellii	E			0
1	Q	Cactus, Bakersfield	Opuntia treleasei	E			0
1	Q	Grass, California Orcutt	Orcuttia californica	E			0
4	Q	Rosa, palo de	Ottoschulzia rhodoxylon	E			0
4	Q	Dropwort, Canby's	Oxypolis canbyi	E			0
1	Q	Oxytheca, cushenbury	Oxytheca parishii var. goodmaniana	E			0
3	Q	Locoweed, Fassett's	Oxytropis campestris var. chartacea	T			0
1	Q	Panicgrass, Carter's	Panicum fauriei var. carteri	E	1		1
4	Q	Whitlow-wort, papery	Paronychia chartacea	T			0
5	Q	Lousewort, Furbish	Pedicularis furbishiae	E			0
2	Q	Cactus, Brady pincushion	Pediocactus bradyi	E	3		3
6	Q	Cactus, San Rafael	Pediocactus despainii	E			0
2	Q	Cactus, Knowlton	Pediocactus knowltonii	E			0
2	Q	Cactus, Peebles Navajo	Pediocactus peeblesianus var. peeblesia	E			0
2	Q	Cactus, Siler pincushion	Pediocactus sileri	T			0
6	Q	Penstemon, blowout	Penstemon haydenii	E			0
6	Q	Beardtongue, Penland	Penstemon penlandii	E			0
1	Q	Pentachaeta, white-rayed	Pentachaeta bellidiflora	E			0
4	Q	Peperomia, Wheeler's	Peperomia wheeleri	E			0
1	Q	Makou	Peucedanum sandwicense	T			0
6	Q	Phacelia, clay	Phacelia argillacea	E			0
6	Q	Phacelia, North Park	Phacelia formosula	E			0
2	Q	Phlox, Texas trailing	Phlox nivalis ssp. texensis	E	0.4		0.4
1	Q	Phyllostegia glabra var. lanaiensis (=Sci	Phyllostegia glabra var. lanaiensis	E			0
1	Q	Phyllostegia mannii (=Sci name)	Phyllostegia mannii	E			0
1	Q	Phyllostegia mollis (=Sci name)	Phyllostegia mollis	E			0
1	Q	Phyllostegia waimeae (=Sci name)	Phyllostegia waimeae	E			0
6	Q	Twinpod, Dudley Bluffs	Physaria obcordata	T			0
4	Q	Cactus, Key tree	Pilosocereus robinii	E			0
4	Q	Butterwort, Godfrey's	Pinguicula ionantha	T			0
4	Q	Aster, Ruth's golden	Pityopsis ruthii	E			0
1	Q	Kuahiwi, laukahi	Plantago hawaiensis	E			0
1	Q	Kuahiwi, laukahi	Plantago princeps	E			0
3	Q	Orchid, eastern prairie fringed	Platanthera leucophaea	T			0
2	Q	Orchid, western prairie fringed	Platanthera praeclara	T			0
4	Q	Chupacallos (=Chupagallo)	Pleodendron macranthum	E			0
1	Q	Bluegrass, Mann's	Poa mannii	E			0
1	Q	Bluegrass, Hawaiian	Poa sandvicensis	E			0
1	Q	Poa siphonoglossa (=Sci name)	Poa siphonoglossa	E			0
1	Q	Mesa-mint, San Diego	Pogogyne abramsii	E			0
1	Q	Mesa-mint, Otay	Pogogyne nudiuscula	E			0
4	Q	Polygala, Lewton's	Polygala lewtonii	E			0
4	Q	Polygala, tiny	Polygala smallii	E			0
4	Q	Wireweed	Polygonella basiramia	E			0
4	Q	Sandlace	Polygonella myriophylla	E			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
1	Q	Po`e	Portulaca sclerocarpa	E			0
2	Q	Pondweed, Little Aguja Creek	Potamogeton clystocarpus	E			0
5	Q	Cinquefoil, Robbins'	Potentilla robbinsiana	E			0
6	Q	Primrose, Maguire	Primula maguirei	T			0
1	Q	Loulu	Pritchardia affinis	E			0
1	Q	Wahane (=Hawane or loulu)	Pritchardia aylmer-robinsonii	E			0
1	Q	Loulu	Pritchardia munroi	E			0
1	Q	None	Pritchardia remota	E			0
4	Q	Plum, scrub	Prunus geniculata	E			0
1	Q	Kaulu	Pteralyxia kauaiensis	E			0
5	Q	Harperella	Ptilimnium nodosum	E			0
2	Q	Cliff-rose, Arizona	Purshia subintegra	E			0
2	Q	Oak, Hinckley	Quercus hinckleyi	T			0
6	Q	Buttercup, autumn	Ranunculus acriformis var. aestivalis	E			0
1	Q	Remya kauaiensis (=Sci name)	Remya kauaiensis	E			0
1	Q	Remya, Maui	Remya mauiensis	E			0
1	Q	Remya montgomeryi (=Sci name)	Remya montgomeryi	E			0
4	Q	Rhododendron, Chapman	Rhododendron chapmanii	E			0
4	Q	Sumac, Michaux's	Rhus michauxii	E			0
5	Q	Beaked-rush, Knieskern's	Rhynchospora knieskernii	T			0
4	Q	Gooseberry, Miccosukee (Florida)	Ribes echinellum	T			0
1	Q	Rollandia crispa (=Sci name)	Rollandia crispa	E			0
1	Q	Watercress, Gambel's	Rorippa gambellii	E			0
4	Q	Arrowhead, bunched	Sagittaria fasciculata	E			0
4	Q	Water-plantain, Kral's	Sagittaria secundifolia	T			0
1	Q	Sanicula mariversa (=Sci name)	Sanicula mariversa	E			0
1	Q	Sandalwood, Lanai or 'iliahi	Santalum freycinetianum var lanaiense	E			0
4	Q	Pitcher-plant, green	Sarracenia oreophila	E			0
4	Q	Pitcher-plant, Alabama canebrake	Sarracenia rubra ssp. alabamensis	E			0
4	Q	Pitcher-plant, mountain sweet	Sarracenia rubra ssp. jonesii	E			0
1	Q	Naupaka, dwarf	Scaevola coriacea	E			0
1	Q	Schiedea, Diamond Head	Schiedea adamantis	E			0
1	Q	Ma`oli`oli	Schiedea apokremnos	E			0
1	Q	Schiedea haleakalensis (=Sci name)	Schiedea haleakalensis	E			0
1	Q	Schiedea kaalae (=Sci name)	Schiedea kaalae	E			0
1	Q	Schiedea lydgatei (=Sci name)	Schiedea lydgatei	E			0
1	Q	Schiedea spergulina var leiopoda (=Sci	Schiedea spergulina var. leiopoda	E			0
1	Q	Schiedea spergulina var spergulina (=Sc	Schiedea spergulina var. spergulina	T			0
1	Q	None	Schiedea verticillata	E			0
6	Q	Reed-mustard, clay	Schoenocrambe argillacea	T			0
6	Q	Reed-mustard, Barneby	Schoenocrambe barnebyi	E			0
6	Q	Cress, toad-flax	Schoenocrambe suffrutescens	E			0
4	Q	Schoepfia arenaria (=Sci name)	Schoepfia arenaria	T			0
4	Q	Chaffseed, American	Schwalbea americana	E			0
5	Q	Bulrush, Northeastern (=barbed bristle)	Scirpus ancistrochaetus	E			0
6	Q	Cactus, Unita Basin hookless	Sclerocactus glaucus	T			0
2	Q	Cactus, Mesa Verde	Sclerocactus mesae-verdae	T			0
6	Q	Cactus, Wright fishhook	Sclerocactus wrightiae	E			0
4	Q	Skullcap, Florida	Scutellaria floridana	T			0
4	Q	Skullcap, large-flowered	Scutellaria montana	E	0.8		0 8
3	Q	Roseroot, Leedy's	Sedum integrifolium ssp. leedyi	T			0
2	Q	Groundsel, San Francisco Peaks	Senecio franciscanus	T			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
1	Q	Lagu, Hyan	Serianthes nelsonii	E			0
1	Q	'Ohai	Sesbania tomentosa	E			0
1	Q	Checker-mallow, Nelson's	Sidalcea nelsoniana	T			0
1	Q	Checker-mallow, pedate	Sidalcea pedata	E			0
1	Q	Silene alexandri (=Sci name)	Silene alexandri	E			0
1	Q	Silene hawaiiensis (=Sci name)	Silene hawaiiensis	T			0
1	Q	Silene lanceolata (=Sci name)	Silene lanceolata	E			0
1	Q	Silene perlmanii (=Sci name)	Silene perlmanii	E			0
4	Q	Campion, fringed	Silene polypetala	E			0
4	Q	Irisette, white	Sisyrinchium dichotomum	E			0
4	Q	Erubia	Solanum drymophilum	E			0
1	Q	Popolo, ku mai (=Popolo, thorny)	Solanum incompletum	E			0
1	Q	'Aiakeakua, popolo	Solanum sandwicense	E			0
4	Q	Goldenrod, white-haired	Solidago albopilosa	T			0
3	Q	Goldenrod, Houghton's	Solidago houghtonii	T			0
4	Q	Goldenrod, Short's	Solidago shortii	E			0
4	Q	Goldenrod, Blue Ridge	Solidago spithamaea	T			0
1	Q	Spermolepis hawaiiensis (=Sci name)	Spermolepis hawaiiensis	E			0
4	Q	Pinkroot, gentian	Spigelia gentianoides	E			0
4	Q	Spiraea, Virginia	Spiraea virginiana	T	1.3		1.3
6	Q	Ladies'-tresses, Ute	Spiranthes diluvialis	T	2.6		2.6
2	Q	Ladies'-tresses, Navasota	Spiranthes parksii	E			0
4	Q	Negra, cobana	Stahlia monosperma	T			0
1	Q	Stenogyne angustifolia (=Sci name)	Stenogyne angustifolia	E			0
1	Q	Stenogyne bifida (=Sci name)	Stenogyne bifida	E			0
1	Q	Stenogyne campanulata (=Sci name)	Stenogyne campanulata	E			0
1	Q	Stenogyne kanehoana (=Sci name)	Stenogyne kanehoana	E			0
1	Q	Wire-lettuce, Malheur	Stephanomeria malheurensis	E			0
1	Q	Jewelflower, Metcalf Canyon	Streptanthus albidus ssp albidus	E			0
1	Q	Jewelflower, Tiburon	Streptanthus niger	E			0
4	Q	Palo de jazmin	Styrax portoricensis	E			0
2	Q	Snowbells, Texas	Styrax texana	E			0
1	Q	Seablite, California	Suaeda californica	E			0
1	Q	Grass, Eureka Dune	Swallenia alexandrae	E	0.5		0.5
4	Q	Palo colorado	Ternstroemia luquillensis	E			0
4	Q	Ternstroemia subsessilis (=Sci name)	Ternstroemia subsessilis	E			0
1	Q	Tetramolopium rockii (=Sci name)	Tetramolopium rockii	T	4		4
1	Q	Tetramolopium arenarium (=Sci name)	Tetramolopium arenarium	E			0
1	Q	Pamakani	Tetramolopium capillare	E			0
1	Q	Tetramolopium filiforme (=Sci name)	Tetramolopium filiforme	E			0
1	Q	Tetramolopium lepidotum ssp. lepidotum	Tetramolopium lepidotum ssp. lepidotum	E			0
1	Q	Tetramolopium remyi (=Sci name)	Tetramolopium remyi	E			0
1	Q	'Ohe'ohe	Tetraplasandra gymnocarpa	E			0
4	Q	Meadowrue, Cooley's	Thalictrum cooleyi	E			0
1	Q	Mustard, slender-petaled	Thelypodium stenopetalum	E			0
2	Q	Dogweed, ashy	Thymophylla tephroleuca	E			0
6	Q	Townsendia, Last Chance	Townsendia aprica	T			0
4	Q	Bariaco	Trichilia triacantha	E			0
3	Q	Clover, running buffalo	Trifolium stoloniferum	E			0
4	Q	Trillium, persistent	Trillium persistens	E			0
4	Q	Trillium, relict	Trillium reliquum	E			0
1	Q	Grass, Solano	Tuctoria mucronata	E			0

LRO	Gp	Inverted Common Name	Scientific Name	Status	AMOUNTS IN THOUSANDS OF $$$ General	Lands	Grand Tot
1	Q	Opuhe	Urera kaalae	E			0
4	Q	Vernonia proctorii (=Sci name)	Vernonia proctorii	E			0
1	Q	Vetch, Hawaiian	Vicia menziesii	E			0
1	Q	Vigna o-wahuensis (=Sci name)	Vigna o-wahuensis	E			0
1	Q	Pamakani	Viola chamissoniana ssp. chamissoniana	E			0
1	Q	Viola helenae (=Sci name)	Viola helenae	E			0
1	Q	Viola lanaiensis (=Sci name)	Viola lanaiensis	E			0
4	Q	Warea, wide-leaf	Warea amplexifolia	E			0
4	Q	Mustard, Carter's	Warea carteri	E			0
1	Q	Iliau, dwarf	Wilkesia hobdyi	E			0
1	Q	Xylosma crenatum (=Sci name)	Xylosma crenatum	E			0
4	Q	Grass, Tennessee yellow-eyed	Xyris tennesseensis	E			0
1	Q	A'e	Zanthoxylum hawaiiense	E			0
4	Q	Prickly-ash, St. Thomas	Zanthoxylum thomasianum	E			0
2	Q	Wild-rice, Texas	Zizania texana	E			0
4	Q	Ziziphus, florida	Ziziphus celata	E			0
1	R	Cypress, Santa Cruz	Cupressus abramsiana	E			0
4	R	Torreya, Florida	Torreya taxifolia	E			0
1	S	Fern, pendant kihi	Adenophorus periens	E			0
4	S	Adiantum vivesii (=Sci name)	Adiantum vivesii	E			0
1	S	Asplenium fragile var. insulare (=Sci nam	Asplenium fragile var. insulare	E			0
3	S	Fern, American hart's-tongue	Asplenium scolopendrium var. americanu	T			0
1	S	Pauoa	Ctenitis squamigera	E			0
4	S	Fern, Elfin tree	Cyathea dryopteroides	E			0
1	S	Diellia , asplenium-leaved	Diellia erecta	E			0
1	S	Diellia falcata (=Sci name)	Diellia falcata	E			0
1	S	Diellia pallida (=laciniata) (=Sci name)	Diellia pallida (=laciniata)	E			0
1	S	Diellia unisora (=Sci name)	Diellia unisora	E			0
1	S	Diplazium molokaiense (=Sci name)	Diplazium molokaiense	E			0
4	S	Elaphoglossum serpens (=Sci name)	Elaphoglossum serpens	E			0
1	S	Wawae'iole	Huperzia mannii	E			0
1	S	Quillwort, Louisiana	Isoetes louisianensis	E			0
4	S	Quillwort, black spored	Isoetes melanospora	E			0
4	S	Quillwort, mat-forming	Isoetes tegetiformans	E			0
1	S	Ha'iwale	Lycopodium nutans	E			0
1	S	Ihi'ihi	Marsilea villosa	E			0
7	S	Fern, Aleutian shield	Polystichum aleuticum	E			0
4	S	Polystichum calderonense (=Sci name)	Polystichum calderonense	E			0
1	S	Pteris lidgatei (=Sci name)	Pteris lidgatei	E			0
4	S	Tectaria estremerana (=Sci name)	Tectaria estremerana	E			0
4	S	Thelypteris inabonensis (=Sci name)	Thelypteris inabonensis	E			0
4	S	Fern, Alabama streak-sorus	Thelypteris pilosa var. alabamensis	T			0
4	S	Thelypteris verecunda (=Sci name)	Thelypteris verecunda	E			0
4	S	Thelypteris yaucoensis (=Sci name)	Thelypteris yaucoensis	E			0
4	U	Cladonia, Florida perforate	Cladonia perforata	E			0
4	U	Lichen, rock gnome	Gymnoderma lineare	E			0
				Grand Total	3171.6	0	3171.6

United States Department of the Interior

OFFICE OF SURFACE MINING
RECLAMATION AND ENFORCEMENT
Washington, D.C. 20240

OCT 7 1997

Ms. Jamie Rappaport Clark
Director, Fish and Wildlife Service
1849 C Street, NW
Washington, D.C. 20240-0001

Dear Ms. Clark:

Thank you for your letter of August 20, to former Director Robert Uram, requesting information on expenditures made primarily for the conservation of endangered and threatened species. In accordance with the Surface Mining Control and Reclamation Act of 1977, the Office of Surface Mining provides grants to eligible States and Indian Tribes to reclaim lands mined and abandoned or left inadequately reclaimed prior to August 3, 1977. As part of project construction, mitigation measures are taken for threatened and endangered species, as appropriate. However, funds expended for species surveys and mitigation measures are considered part of the overall project plan and are not normally identified or tracked separately.

Sincerely,

Mary Josie Blanchard

Mary Josie Blanchard
Assistant Director
Program Support

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Reston, Virginia 22092

NOV 03 1997

In Reply Refer To:
Mail Stop 300
#10199

MEMORANDUM

To: Director, Fish and Wildlife Service

From: Mark Schaefer
Acting Director, U.S. Geological Survey

Subject: Fiscal Year 1996 Endangered Species Expenditures of the Former National Biological Service

The U.S. Geological Survey (USGS) is pleased to provide you with the enclosed Fiscal Year (FY) 1996 report for the expenditures of the former National Biological Service (NBS), related to the conservation of endangered and threatened species. The former NBS was joined with the USGS in FY 1997 as the Biological Resources Division (BRD). This report was prepared by the staff of BRD using archived NBS information.

In accordance with the guidance provided by your letter of August 20, 1997, on the scope of activities that should be reported, we have reported funding that was reasonably identifiable for individual species and funding for studies and investigations involving multiple endangered or threatened species for which identifiable per species funding was not reasonable. For FY 1996, the former NBS had no land acquisition costs to report.

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

Attachment

U.S. GEOLOGICAL SURVEY

FY 1996 Endangered Species Expenditures of the Former National Biological Service

Species	Expenditures ($)
Eagle, Bald	7,000
Ferret, Black-footed	225,000
Lizard, Blunt-nosed leopard	37,000
Chub, Bonytail	40,000
Sparrow, Cape sable seaside	190,000
Salmon, Chinook	557,000
Gnatcatcher, Coastal California	200,000
Squawfish, Colorado	95,000
Cui-ui	86,000
Smelt, Delta	26,000
Tortoise, Desert	816,000
Snake, Giant garter	200,000
Wolf, gray (eastern timber)	206,000
Bear, Grizzly	361,500
Sturgeon, Gulf	245,000
Warbler, Kirtland's	39,500
Sucker, Lost River	32,000
Murrelet, Marbeled	151,500
Owl, Mexican spotted	342,000
Crane, Mississippi sandhill	50,000
Owl, Northern spotted	1,032,000
Sturgeon, Pallid	96,000
Falcon, Peregrine	26,500
Plover, Piping	4,000
Sucker, Razorback	346,000
Sturgeon, Shortnose	159,000
Sucker, Shortnose	141,000
Leopard, Snow	18,000
Goby, Tidewater	23,000
Manatee, West Indian	331,500
Crane, Whooping	586,000
Reasonably Identifiable Former NBS Expenditures (Species by Species)	**$6,669,500**
Former NBS Expenditures Not Reasonably Identifiable (Multiple Species)	**$5,458,000**
TOTAL OF FORMER NBS ENDANGERED SPECIES EXPENDITURES	**$12,127,500**

U.S. Department
of Transportation
**Federal Aviation
Administration**

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

OCT 14 1997

Ms. E. LaVerne Smith
Chief, Endangered Species Division
U.S. Fish and Wildlife Service
Washington, DC 20240

Dear Ms. Smith:

The Federal Aviation Administration reports, as required under section 18 of the Endangered Species Act, that for Fiscal Year 1996 it incurred the following costs for the following species:

Agalinis acuta (Sandplains gerardia)	$2,500	Consultation and mitigation West Sayville, New York

If you have any further questions, please contact Dr. Ann M. Hooker, Office of Environment and Energy, (202) 493-4018.

Sincerely,

Louise E. Maillett
Acting Assistant Administrator for Policy,
Planning, and International Aviation

U.S. Department
of Transportation
**Federal Highway
Administration**

Office of the Administrator

400 Seventh St., S.W.
Washington, D.C. 20590

September 12, 1997
Refer to: HPD-1
Your reference:
FWS/AES/TE

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

Dear Ms. Rappaport-Clark:

This is in reply to an August 20 letter from Acting Director J. L. Gerst to former Federal Highway Administrator Rodney E. Slater, who is now Secretary of Transportation. The letter requested our assistance in completing the annual report to Congress on expenditures primarily for conservation of endangered or threatened species.

The Federal Highway Administration (FHWA) will be pleased to again cooperate with the Fish and Wildlife Service on this annual report. I have asked Mr. Paul Garrett of our Natural and Cultural Resources Team to coordinate our report on FHWA expenditures for preservation of endangered species. If you or members of your staff need to get in touch with Mr. Garrett while he is compiling this information, please feel free to contact him at 303-969-5772 (extension 332).

Sincerely yours,

Gloria J. Jeff
Acting Administrator

ENDANGERED SPECIES COST REPORT -- FISCAL YEAR 1996
FEDERAL HIGHWAY ADMINISTRATION AND
STATE HIGHWAY DEPARTMENTS
Part I

Species amount	Total
Note: unless otherwise noted, costs are general	
Birds	
Bald eagle	$ 139,250
Black capped vireo	17,500
Brown pelican	67,000
Golden cheeked warbler	131,000
Marbled murrelet	29,000
Mexican spotted owl	10,000
Northern spotted owl	74,000
Peregrine falcon	15,600
Red-cockaded woodpecker	42,000
Southwestern willow f-catcher	410,000
Mammals	
Black-footed ferret	15,500
Grizzly bear	36,000
Gray wolf	60,000
Gray Bat	7,500
Stellar's sea lion	10,000
Northern flying squirrel	3,400
Indiana Bat	11,500
Ozark Big-eared Bat	1,500
Prebles Meadow Jumping Mouse	169,000
Ocelot Felis pardalis	11,000
Fish	
Pallid sturgeon	90,000
Shortnosed sturgeon	35,000
Slackwater darter	10,000
Snake river chinook	3,000
Ozark Cavefish	1,500
Insects	
Karner's blue butterfly	4,000
Mitchell's satyr butterfly	69,500
American Burying Beetle	5,000
Molluscs	

Although specific expenditures are not available, we can assure you that Customs continues its effort in enforcing the Endangered Species Act Amendments of 1988. As part of this effort, we seized over 500 importations containing endangered or threatened species or products thereof, such as parrots, bear parts, and items made from sea turtle eggs. Other items seized were figurines carved from ivory, spotted cat fur coats, and sea turtle shells.

The Fish and Wildlife Service (FWS)/U.S. Customs Service joint task force investigates cases involving illegal importations of endangered or threatened species pursuant to the Endangered Species Act and the Convention on International Trade in Endangered Species of Wild Fauna and Flora. We expect this enforcement initiative will have a significant impact on attempted illegal importations in the future.

Furthermore, at FWS designated ports of entry, Customs inspectors, agents, and import specialists assist in wildlife enforcement by ensuring that suspect shipments are detained to await clearance by local FWS officers, and when appropriate, ordering the redelivery of the shipment and assessing penalties in required cases. At non-designated ports of entry our personnel perform enforcement actions on behalf of your agency.

At the Headquarters level, our commercial enforcement program officers participate as technical Customs advisors at high-level government trade meetings held at the State Department, the Office of the U.S. Trade Representative, and the Departments of Treasury or Justice on matters dealing with wildlife trade embargoes. It should also be noted that our agency also enforces marine wildlife embargoes under the Marine Mammal Protection Act and other U.S. laws, e.g., to protect endangered dolphins and sea turtles, in coordination with the National Marine Fisheries Service or the State Department's Bureau of Oceans and International Environmental and Scientific Affairs.

If you require more information, please feel free to have a member of your staff contact Ms. Denise Snyder, Office of Finance, Budget Division, on 927-1427.

Sincerely,

Samuel H. Banks
Acting Commissioner

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

OCT 9 1997

OFFICE OF
ENFORCEMENT AND
COMPLIANCE ASSURANCE

Ms. E. LaVerne Smith
Chief, Division of Endangered Species
Fish and Wildlife Service
MS-452
4401 N. Fairfax Drive
Arlington, VA 22203

Dear Ms. Smith:

This is in response to the August 20, 1997 letter from J.L. Gerst to Administrator Carol Browner requesting information on EPA expenditures for the conservation of listed endangered and threatened species. Enclosed is a list of EPA expenditures for FY 1996 categorized by EPA program and regional office. The expenditures list is limited, as directed by the guidance for reporting expenditures, to those funds spent on specific species and does not include funds spent on broader endangered species programs or projects.

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

Sincerely,

Richard E. Sanderson
Director
Office of Federal Activities

Enclosures

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FY 96 EXPENDITURES PER SPECIES

Office of Pesticide Programs

BIRDS

387	BOBWHITE, MASKED	155
594	RAIL, YUMA CLAPPER	1040
621	STORK, WOOD	9512

REPTILES

764	TORTOISE, GOPHER	1234
797	TURTLE, RINGED SAWBACK	1234

FISH

837	CAVEFISH, OZARK	1500
849	CHUB, SONORA	310
850	CHUB, SPOTFIN	248
851	CHUB, VIRGIN RIVER	155
854	CHUB, YAQUI	155
869	DARTER, AMBER	255
878	DARTER, NIANGUA	3050
896	LOGPERCH, CONASAUGA	255
906	MINNOW, LOACH	775
914	PUPFISH, DESERT	724
927	SHINER, CAPE FEAR	2040
930	SILVERSIDES, WACCAMAW	510
931	SPIKEDACE	516
934	SPINEDACE, LITTLE COLORADO	520
939	SQUAWFISH, COLORADO	1645
958	TOPMINNOW, GILA	1344
961	TROUT, APACHE	620
962	TROUT, GILA	104

SNAILS

982	SNAIL, NOONDAY	117

CLAMS

995	MUSSEL, DWARF WEDGE	3870
1001	LOUISIANA PEARLSHELL	2468
1008	PM, CURTIS'	620
1012	PM, LITTLE WING	194
1016	PM, PINK MUCKET	2635
1029	POCKETBOOK, FAT	1550
1034	SPINYMUSSEL, TAR RIVER	1630
?	ELKTOE, APPALACHIAN	1114
?	HEELSPLITTER, CAROLINA	510

PLANTS

1095	AGAVE, ARIZONA	414
1108	DROPWORT, CANBY'S	8836
1116	MILKWEED, MEAD'S	4936
1153	GOLDENROD, BLUE RIDGE	255
1173	BLADDERPOD, MISSOURI	880
1186	CACTUS, COCHISE PINCUSHION	155
1189	CACTUS, NICHOL'S TURKS HEAD	310
1196	CACTUS, ARIZONA HEDGEHOG	310
1203	CACTUS, BRADY PINCUSHION	155
1206	CACTUS, PEEBLES NAVAJO	155
1207	CACTUS, SILER PINCUSHION	310
1208	CACTUS, UINTAH BASIN HOOKLESS	6308
1231	SEDGE, NAVAJO	520
1251	RATTLEWEED, HAIRY	510
1325	ORCHID, WESTERN PRAIRIE FRINGED	3291
1349	WILD-BUCKWHEAT, CLAY LOVING	2742
1361	CLIFF-ROSE, ARIZONA	566
	total	$73,262

Region 2

Swamp pink

Development of a Swamp Pink Monitoring Plan at the GEMS Landfill Superfund site.

$11,700

Humpback whale
Fin whale
Kemp's ridley sea turtle
Loggerhead sea turtle

Development of a Biological Assessment on the effects of the Historic Area Remediation Site (ocean dumping) for the above four species.

$40,000

EPA Salaries 1,200

Total $52,900

Region 7

Missouri

Ozark Cavefish	$55,000
Missouri bladderpod Niangua darter Curtis' pearly mussel Pink mucket mussel Fat pocketbook pearly mussel	$9,600

Iowa

Western prairie fringed orchid Prairie bush clover Iowa Pleistocene snail	$11,300

Kansas

Western prairie fringed orchid Mead's milkweed Interior least tern Piping plover	$51,100

Nebraska

Western prairie fringed orchid Blowout penstemon Interior least tern Piping plover	$38,000
Total	$165,000

Region 9

CA Red-legged Frog CA Tidewater Goby	$25,000
Desert tortoise	$17,000
total	$42,000

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, DC 20426

OFFICE OF THE CHAIRMAN

December 22, 1997

Mr. J. L. Gerst
Acting Director
Fish and Wildlife Service
U.S. Department of the Interior
Washington, D.C. 20240

Dear Mr. Gerst:

I am pleased to respond to your August 20, 1997, letter requesting information about the Commission's Fiscal Year 1996 expenditures related to the conservation of endangered and threatened species.

The enclosed lists, which the Commission staff prepared, identify the endangered and threatened species and associated Commission expenditures for both plants and all other species. This represents the combined activities of the Offices of Hydropower Licensing and Pipeline Regulation for Fiscal Year 1996. Finally, the expenditures for each species include both salaries and related benefits.

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

Sincerely,

James J. Hoecker
Chairman

Enclosures

FEDERAL ENERGY REGULATORY COMMISSION EXPENDITURES FOR ENDANGERED AND THREATENED SPECIES OTHER THAN PLANTS FOR FISCAL YEAR 1996

Inverted Common Name		Expenditures
Bat	gray	$659
Bat	Indiana	2,151
Bear	grizzly	3,224
Beetle	American burying	201
Beetle	valley elderberry longhorn	1,197
Blackbird	yellow-shouldered	42
Butterfly	Karner blue	42
Chub	bonytail	333
Chub	humpback	333
Clubshell	ovate	701
Clubshell	southern	42
Crane	whooping	8,886
Crayfish	Shasta	33
Curlew	Eskimo	134
Deer	Columbian white-tailed	33
Eagle	bald	60,922
Falcon	American peregrine	6,570
Ferret	black-footed	146
Flycatcher	southwestern willow	1,111
Fox	San Joaquin kit	242
Frog	California red-legged	3,776
Goose	Aleutian Canada	174
Heelsplitter	inflated	42
Kangaroo rat	Tipton	67
Kidneyshell	triangular	659
Manatee	West Indian	312
Moccasinshell	Alabama	659
Moth	Kern primrose sphinx	67
Mucket	orange-nacre	659
Murrelet	marbled	5,947
Mussel	dwarf wedge	291
Nightjar	Puerto Rican	42
Owl	northern spotted	5,992
Pearlymussel	Higgins' eye	42

FEDERAL ENERGY REGULATORY COMMISSION EXPENDITURES FOR ENDANGERED AND THREATENED SPECIES OTHER THAN PLANTS FOR FISCAL YEAR 1996

Inverted Common Name		Expenditures
Pearlymussel	orange-foot pimpleback	659
Pearlymussel	pink mucket	659
Pelican	brown	42
Pigtoe	dark	659
Pigtoe	fine-rayed	66
Pigtoe	rough	659
Pigtoe	shiny	659
Plover	piping	6,130
Pocketbook	fine-lined	659
Riversnail	Anthony's	659
Salmon	chinook, Snake River fall run	5,007
Salmon	chinook, Snake River s/s run	111,687
Salmon	sockeye, Snake River	3,637
Sea-lion	Steller	98
Shiner	Cape Fear	340
Smelt	delta	5,382
Snake	eastern indigo	187
Snake	giant garter	109
Sparrow	Florida grasshopper	187
Spinedace	Little Colorado	1,863
Squawfish	Colorado	706
Stork	wood	165
Sturgeon	Gulf	58
Sturgeon	pallid	6,164
Sturgeon	shortnose	8,036
Sucker	razorback	706
Tern	least	6,072
Tern	roseate	42
Toad	Arroyo southwestern	1,270
Toad	Puerto Rican crested	42
Tortoise	desert	164
Tortoise	gopher	146
Turtle	Alabama redbelly	29
Turtle	flattened musk	1,135
Turtle	green sea	167

FEDERAL ENERGY REGULATORY COMMISSION EXPENDITURES FOR ENDANGERED AND THREATENED SPECIES OTHER THAN PLANTS FOR FISCAL YEAR 1996

Inverted Common Name		Expenditures
Turtle	hawksbill sea	104
Turtle	leatherback sea	104
Turtle	loggerhead sea	104
Turtle	olive ridley sea	104
Whale	finback	104
Whale	gray	65
Whale	humpback	202
Whale	right	65
Whale	Sei	42
Whale	sperm	42
Wolf	gray	3,683
Woodpecker	red-cockaded	759
		$275,357

FEDERAL ENERGY REGULATORY COMMISSION EXPENDITURES
FOR ENDANGERED AND THREATENED PLANT SPECIES
FOR FISCAL YEAR 1996

Genus	Species	Expenditures
Amphianthus	pusillus	$33
Apios	priceana	165
Asclepias	meadii	83
Astragalus	albens	33
Caulanthus	claifornicus	141
Clematis	morefieldii	165
Dalea	foliosa	165
Echinacea	laevigata	33
Eremalche	kernensis	141
Eriastrum	hooveri	141
Geum	radiatum	33
Iris	lacustris	2680
Isotria	medeoloides	291
Lembertia	congdonii	141
Lesquerella	kingii ssp. bernardina	33
Marshallia	mohrii	165
Opuntia	treleasei	141
Platanthera	praeclara	469
Sarracenia	rubra ssp. jonesii	65
Spiranthes	diluvialis	146
Trillium	reliquum	42
	Total Expenditures	**$5,305**

AES

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 17, 1997

Mr. J. L. Gerst
Acting Director
Fish and Wildlife Service
U.S. Department of the Interior
Washington, DC 20240

Dear Mr. Gerst:

This is in response to your letter of August 20, 1997 (reference FWS/AES/TE), requesting reasonably identifiable expenditures for the conservation of threatened and endangered species to be included in your annual report to Congress.

Summarized NRC expenditures in FY 1996 in support of the conservation of threatened and endangered species were:

- Threatened and Endangered Species Action Plan: $11,152
- Endangered Species Act compliance assessment and site surveys: $100,000
- Specie Expenditures:

- American Peregrine Falcon *(Falco peregrinus anatum)*	$2,700
- Southwestern Willow Flycatcher *(Empidonax traillii extimus)*	5,795
- Jones Cycladenia *(Cycladenia humilis var. Jonesii)*	2,700
- Humpback Chub *(Gila cypha)*	5,588
- Bonytail Chub *(Gila elegans)*	5,588
- Colorado Squawfish *(Ptychocheilus lucius)*	5,588
- Razorback Sucker *(Xyrauchen texanus)*	5,588
- Kemp's Ridley *(Lepidochelys kempii)*	664
- Loggerhead *(Caretta caretta)*	1,591
- Green *(Chelonia mydas)*	2,990
- Leatherback *(Dermochelys coriacea)*	664
- Hawksbill *(Eretmochelys imbricata)*	664

- Total NRC Expenditures **$151,272**

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

Sincerely,

Peter J. Rabideau
Deputy CFO

AES

SMITHSONIAN INSTITUTION
Washington, D.C. 20560
U.S.A.

July 10, 1998

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

Dear Ms. Clark:

I am pleased to provide information regarding the Smithsonian Institution's 1996 reasonably-identifiable Federal expenditures made in conjunction with the conservation of endangered or threatened species. This report is submitted in recognition of the requirement mandated in the Endangered Species Act of 1988 for the annual submission to Congress by the Fish and Wildlife Service of Federal funding for those activities.

Although not a Federal agency, the Smithsonian Institution does expend appropriated funds aimed primarily at the conservation of endangered or threatened species consistent with the requirements of the Endangered Species Act. The Smithsonian does not maintain Institution-wide information on endangered species projects on a species-by-species basis. However, as the great majority of Smithsonian funding associated with the conservation of endangered species is expended by the National Zoological Park, we are enclosing a breakdown provided by the Zoo of the salaries and expenses supported by appropriated funds for study and conservation of specific species at risk.

I trust this information will be of assistance.

Sincerely,

I. Michael Heyman
Secretary

Enclosure

Creating the Nation's first BioPark

National Zoological Park · Smithsonian Institution · Washington, D.C. 20008-2598

FEDERAL MONEY SPENT ON ENDANGERED SPECIES 1996 NATIONAL ZOO

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

CHEETAH (health & repro. research) 3% of $80K x 3, 100% of $30K..$37,200
DEER, ELD'S (" " ") 15% of $80K, 5% of $80K x 2,
2% of $30K, $1K admin.....21,600
ELEPHANT, AFRICAN(field research) 5% of $80K, .5% of $80K,$1Kadmin. 5,400
ELEPHANT, ASIAN (field research) 8% of $80K x 2, 3% of $80K,
3% of $30K, $1K admin.....17,100
FERRET, BLACK-FOOTED (Recovery & captive) 10% of $80K, 4% of $80K,
50% of $30K, $10K supplies, $1K admin..37,200
FOX, SAN JOAQUIN (Recovery) 40% of $80K, 5% of $80, 12% of $30.....49,600
MACAQUE, TOQUE (field research) 8% of $30K, $1K admin..... 3,400
OTTER, SOUTHERN SEA (Recovery) 10% of $80K, 3% of $30K..... 8,900
PANDA, GIANT (conservation) 10% of $80K..... 8,000
PANTHER, FLORIDA (repro. & pop. research) 5% of $80K, 2% of $80K,
1% of $80K..... 6,400
SEAL, HAWAIIN MONK (Recovery) 10% of $80K, 5% of $80K.....12,000
OTHER END/TH MARINE MAMMALS (Recovery) 10% of $80K..... 8,000
TAMARIN, GOLDEN LION(field & captive)20% of $80K x 2, 5% of $80K x2,
4% of $80K, 1% of $80K, 10% of $30K, 4% of 30K, $2K supplies,
$2K lab supplies, $1K admin.....57,200
WOLF, RED (captive for Recovery) 2% of $80K, 25% of $30K,
$3K supplies.....12,100

SUBTOTAL FOR MAMMALS $285,800

Established 1889 by act of Congress ". . . for the advancement of science and the instruction and recreation of the people."

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CONDOR, CALIFORNIA (Recovery) 5% of $80K..... 4,000
Pacific Avifauna Recovery Cmte 5% of $80K, 3% of $80K..... 6,400
Surrogate Hawaiian birds (captive) 5% of $80K, 30% of $30K, $1K supplies.....14,000
CROW, HAWAIIAN (Recovery) 15% of $80K, 2% of $80K, 4% of $30K, $3K lab supplies.....17,800
CROW, MARIANA (captive for Recovery) 5% of $80K, 2% of $80K, 20% of $30K, 4% of $30K, $1K supplies...13,800
DUCK, LAYSAN (Recovery) 2% of $80K, 1% of $30K..... 1,900
FINCH, LAYSAN (Recovery) 2% of $80K, 2% of $30K, $1K lab supplies.. 3,200
GOOSE, HAWAIIAN (Recovery) 2% of $80K, $1K lab supplies..... 2,600
KINGFISHER, GUAM (captive for Recovery) 5% of $80K, 30% of $30K, $1K supplies.....14,000
PALILA (Recovery) 2% of $80K, 2% of $30K, $1K lab supplies..... 3,200
RAIL, CLAPPER (Recovery) 1% of $80K..... 800
RAIL, GUAM (Recovery & captive) 5% of $80K, 30% of $30K, $1K supplies.....14,000
(Smithsonian Migratory Bird Center housed at NZP: no work on listed species)

SUBTOTAL FOR BIRDS $95,700

MONITOR, KOMODO (field research) 5% of $80K, 3% of $30K..... 4,900
TORTOISE, DESERT (field & captive), 25% of $80K, 15% of 80K.....32,000

SUBTOTAL FOR REPTILES $36,900

GRAND TOTAL $418,400

Tennessee Valley Authority, 400 West Summit Hill Drive, Knoxville, Tennessee 37902-1499

Kathryn J. Jackson, Ph.D.
Executive Vice President
Resource Group

October 9, 1997

Ms. E. LaVerne Smith, Chief
Division of Endangered Species
U.S. Fish and Wildlife Service
1849 C Street, NW
Mailstop ARLSQ-452
Washington, DC 20240

Dear Ms. Smith:

This is in response to the August 20 letter from J. L. Gerst to Johnny H. Hayes requesting information on fiscal year 1996 expenditures for conservation of endangered or threatened species. Director Hayes has requested that I respond to the inquiry.

Enclosed is a summary of TVA expenditures for fiscal year 1996 in support of the conservation of endangered and threatened species. TVA conducted activities associated with 29 federally listed species. None of these expenditures was for land acquisition. We appreciate the continued cooperation of the U.S. Fish and Wildlife Service in aiding our planning and providing approvals necessary to perform these activities.

If you have further questions regarding the scope or content of these activities, please feel free to contact Charles P. Nicholson, Endangered Species Specialist, Tennessee Valley Authority, 400 West Summit Hill Drive, WT8C, Knoxville, Tennessee 37902. Mr. Nicholson's telephone number is (423) 632-3592.

Sincerely,

Kathryn J. Jackson

Enclosure

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EXPENDITURES RELATED TO THE CONSERVATION
OF ENDANGERED OR THREATENED SPECIES
FISCAL YEAR 1996
TENNESSEE VALLEY AUTHORITY

Species	Amount (thousands)
Bat, gray	10.0
Bat, Indiana	1.5
Eagle, bald	6.7
Tern, least	2.0
Cavefish, Alabama	3.2
Chub, slender	0.3
Chub, spotfin	0.5
Darter, bluemask	0.4
Darter, boulder	4.2
Darter, duskytail	1.0
Madtom, pygmy	0.3
Madtom, smoky	0.5
Madtom, yellowfin	0.5
Shiner, palezone	0.6
Pearlymussel, birdwing	3.0
Pearlymussel, Cumberland bean	2.0
Pearlymussel, orange-footed	1.0
Pearlymussel, pink mucket	1.0
Riffleshell, tan	1.0
Riversnail, Anthony's	2.0
Aster, Ruth's golden	8.0
Bean, Price's potato	2.5
Prairie-clover, leafy	6.0
Rosemary, Cumberland	0.5
Sandwort, Cumberland	1.5
Skullcap, large-flowered	9.5
Sunflower, Eggert's	0.5
Fern, Alabama streak-sorus	0.3
Lichen, rock gnome	0.8
Total	71.3

fanshell mussel	18,000	
winged mapleleaf mussel	17,500	
Pink mucket pearly mussel	4,000	
fragile papershell mussel	4,300	
Northern riffleshell mussel	42,000	
Clubshell, ovate	42,100	
combshell, upland	1,100	
Giant floater mussel	4,300	
Higgins eye pearly mussel	94,000	
Kidneyshell, triangular	1,100	
Louisiana pearlshell	3,300	
Moccasinshell, Alabama	1,200	
Moccasinshell, Coosa	1,200	
Mucket, orange-nacre	1,100	
Pigtoe, dark	1,100	
pink heelsplitter	4,300	
Pocketbook, fine-lined	1,100	
dwarf wedgemussel	30,800	
Arkansas Fatmucket Mussel	1,000	
James Spiny mussel	8,200	
Reptiles/Amphibians		
Cheat Mountain salamander	3,700	
Cow knob salamander	500	
Turtle, northern bog	23,500	
Turtle, flattened musk	4,000	
Wyoming toad	7,500	
Plants		
Ancistrocactus tobuschii	500	
Cordia bellonis		230,408 Lands
Harparella sp.	2,000	
Houghton's goldenrod	1,000	
Lake Huron Tansy	1,000	
Northeastern bulrush	22,000	
Pitcher's thistle	1,000	
Running buffalo clover	10,300	
Sacramento prickly poppy	10,000	
Small whorled pogonia	10,000	
Ute ladies' tresses	20,000	
Wrights fishhook cactus	10,000	
wild garlic (Allium canadense)	3,000	
Lesquerella pallida	2,500	
Hoffmannseggia tenella	1,000	
Callirhoe scabriuscula	900	

Spiranthes parksii		10,000	
Total listed species		**1,887,750**	**230,408**
Candidate Species			
Coho Salmon (Pacific)	24,000		
Steelhead (Pacific)	91,000		
Total (candidate)		**$ 115,000**	
Total Part I		**$2,233,158**	

NOTE: All costs in Part I are general (related to surveys or mitigation during construction) unless otherwise noted.

ENDANGERED SPECIES COST REPORT -- FISCAL YEAR 1996
FEDERAL HIGHWAY ADMINISTRATION AND
STATE HIGHWAY DEPARTMENTS
Part II

Species	General Amount	Lands	Total
Birds			
Bald eagle	800	600	1,400
Coastal California gnatcatcher	588,800*	7,990,000*	8,578,800*
Marbled murrelet	2,000	0	2,000
Southwestern Willow Flycatcher	$41,600	0	$41,600
Light-footed clapper rail	30,000	0	30,000
California clapper rail	2,200	0	2,200
California least tern	30,000	0	30,000
Least Bell's vireo	189,500*	253,600*	443,100*
Mammals			
Giant kangaroo rat	12,000	0	12,000
Tipton kangaroo rat	42,000	0	42,000
Stephens' kangaroo rat	1,300	0	1,300
Pacific pocket mouse	155,000*	0	155,000*
Salt marsh harvest mouse	2,300	50,000	52,300
San Joaquin kit fox	95,000	10,000	105,000
Amphibians and Reptiles			
Blunt-nosed leopard lizard	32,000	7,500	39,500
Alameda whipsnake	14,000	0	14,000
Desert tortoise	98,719	38,400	137,119
Giant garter snake	500	0	500
San Francisco garter snake	4,700	0	4,700
California red-legged frog	43,300	0	43,300
Fish			
Desert pupfish	4,000	0	4,000
Tidewater goby	58,100	0	58,100
Unarmored threespine stickleback	17,000	0	17,000
Delta smelt	100	0	100
Coho salmon (Proposed)	100	0	100
Steelhead (Proposed)	1,500	1,500	3,000
Winter-run chinoook salmon	1,100	0	1,100
Razorback sucker	0	500	500

Insects				
San Bruno elfin butterfly		6,900	0	6,900
Valley elderberry longhorn beetle		16,300	27,100	43,400
Delhi Sands flower-loving fly		5,700	3,800	9,500
Crustaceans				
Conservancy fairy shrimp		2,300	0	2,300
Vernal pool fairy shrimp		6,400	0	6,400
Vernal pool tadpole shrimp		4,600	0	4,600
Shasta crayfish		0	1,500	1,500
CA freshwater shrimp		500	0	500
Riverside fairy shrimp		200	0	200
Plants				
Caulanthus californicus		15,000	0	15,000
Cordylanthus maritimus maritimus		30,000	0	30,000
Dodecahema leptoceras		600	0	600
Eriastrum densifolium sanctorum		1,700	300	2,000
Eriastrum hooveri		25,000	0	25,000
Hesperolinon congestum		0	297,000	297,000
Lembertia congdonii		15,000	0	15,000
Opuntia treleasei		15,000	0	15,000
Pogogyne abramsii		35,000	0	35,000
Total for listed species				**$ 10,329,619**
Proposed species				
Arizona Cliffrose		$100,000	0	$100,000
Astragalus tricarinatus	(Proposed)	1,900	0	1,900
Carpenteria californica	(Proposed)	2,000	0	2,000
Navarretia setiloba	(Proposed)	7,000	0	7,000
Potentilla hickmanii	(Proposed)	1,500	0	1,500
Sacramento splittail	(Proposed)	400	0	400
Total for proposed species				**$112,800**
Total Part II				**$10,442, 419**

Species that are appended with a * represent private or local, non federal funds. Mitigation for the threatened California gnatcatcher was provided through the Natural Community Conservation Plan (NCCP) process being established in Southern California to protect coastal sage scrub habitat and associated species, particularly the California gnatcatcher.

Grand Total, Parts II and III **$ 12,675,577**

THE COMMISSIONER OF CUSTOMS

WASHINGTON, D.C.

October 23, 1997

ADM-6-04-OF:BD:OF SDS

Mr. J. L. Gerst
Acting Director
United States Department of the Interior
Fish and Wildlife Service
1849 C Street, NW.
Washington, D.C. 20240

Dear Mr. Gerst:

This is in response to your letter dated August 20, 1997, in which you requested that the U.S. Customs Service report on expenditures made primarily for the conservation of endangered or threatened species.

Although Customs is one of the lead agencies in the enforcement of the endangered or threatened species laws and the regulation and international conventions on these species, we do not specifically allocate funding for this purpose. This task is integrated into the overall function of Customs operational groups, such as special agents, inspectors, and import specialists. Each of the professional groups are trained in the requirements of the endangered or threatened species laws, as well as the regulation and international conventions. Moreover, they enforce these laws as part of the regular duties involving the broad range of Customs responsibilities. Since no specific funds were allocated for this program, we cannot identify any FY 1996 expenditures made primarily for the conservation of endangered or threatened species pursuant to the Endangered Species Act Amendments of 1988.