

# FEDERAL AND STATE ENDANGERED SPECIES EXPENDITURES

FISCAL YEAR 1992



Compiled by  
U.S. Fish & Wildlife Service  
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## Executive Summary

**Purpose:** 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 1992.

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**Background:** Only those expenditures that are reasonably identifiable for a 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. The first report for Fiscal Year 1989 reported expenditures totaling more than \$43 million for the conservation of 347 (63%) of 554 species listed as threatened and endangered as of September 30, 1989. The 1990 report tabulated expenditures totaling more than \$102 million for 477 (81%) of the 591 species listed as of September 30, 1990. The 1991 expenditures totaled almost \$177 million for 570 (89%) of the 639 threatened and endangered species. Since only a few foreign species are receiving expenditures from U.S. governmental agencies, these annual reports are largely restricted to a discussion concerning listed U.S. species.

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**Results:** Expenditures totaling \$291,510,910 are reported here for 679 (93%) of the 728 threatened and endangered species (Table 1). 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 15 other Federal agencies identified expenditures for the conservation of individual threatened and endangered species. Another three agencies responded that their expenditures were not reasonably identifiable to species. Responses from all Federal agencies are included in Appendix 1. The median expenditure was \$16,000 (maximum of \$73.579 million) per species receiving at least \$100. Five species (0.7 %) accounted for 50.5 percent of all expenditures for which amounts were reported (Table 2). The number of species receiving half of each year's reported expenditures has declined in each of the 4 reporting years.

A good faith effort was again made to develop species-by-species expenditures for this report. However, the information presented still does not reflect the total national effort toward threatened and endangered species conservation and continues to present an incomplete funding picture. 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. Also not reported here are the extensive efforts of the private sector; many groups, individuals, corporations, and others have contributed a considerable amount of resources and volunteer time towards listed species.

This report tabulates seven times the expenditures (\$43 million) as the report for FY 1989, nearly triple the \$102 million of 1990, and a 65 percent increase over the 1991 amount. The Fish and Wildlife Service estimates that the bulk of these increases are from better reporting by the State and Federal agencies, with particular increased emphasis on habitat acquisitions for listed species in the past 2 years.

## **ENDANGERED SPECIES EXPENDITURES FISCAL YEAR 1992**

### **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 fourth report by the Service pursuant to the requirements of Section 18 of the Act. The report covers Fiscal Year 1992 (October 1991 - September 1992).

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**

#### **Defining "Reasonably Identifiable Expenditures"**

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.

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. This report does represent a compilation of those reasonably identifiable expenditures reported independently by the various Federal and the State agencies.

#### Coverage

Expenditures for FY 1992 are reported here for 679 threatened and endangered species (93.3 percent) of the 728 species that were listed under United States jurisdiction at 50 CFR Part 17 on September 30, 1992. A few species, which were known historically to occur in the United States but are not listed in the United States, are not included (ex. jaguar, short-tailed albatross, northern swift fox, thick-billed parrot) in the tabulation; a few reports to the Service included expenditures made in the United States on some of these unlisted populations. There were a few reports of expenditures made towards species not found in the United States, which may be found in the individual agency reports (Appendix 1).

Some vertebrate species (as defined under the Act) have more than a single listing in 50 CFR 17.11 or 17.12 when one population is listed as endangered and another as threatened (ex., gray wolf, bald eagle). For the purposes of reporting expenditures, such multiple listings have been combined. Subspecies are listed separately (ex. American and Arctic peregrine falcons) 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 habitat acquisition costs in that report, and even more was reported in the 1990 and 1991 tabulations. The Service's land acquisitions (\$24.4 million) have been included in this report, when they were identifiable to a species. The States reported a considerable increase in 1992, from \$5.7 million in 1989 to the present sum of \$131.5 million; much of that appears to have been for habitat acquisition by several of the States. Such Federal and State expenditures have greatly increased the amounts reported for many species and appear to constitute at about one-half of the 1992 total amount of \$291.5 million.

### SECTION 18(1), FEDERAL EXPENDITURES

#### Expenditures 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 (ex. 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 presumed to be 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 (ex. whooping crane, red wolf, grizzly bear, sea turtles, sea otter) are included in this report.

#### Expenditures by Other Federal Agencies

A request was sent from the Service to other Federal agencies identified as likely to have some species-specific expenditures under the Act to report all reasonably identifiable expenditures. The Service provided background information identifying reasonably identifiable expenditures (Appendix 2 and copies of FY 1991 report). A number of agencies responded with letters indicating that they did not have any reasonably identifiable expenditures for individual species. Correspondence from all responding Federal agencies is included in Appendix 1. The data identified by those responding Federal agencies for individual species have been tabulated in the OTHER FED column of this report (Table 1).

#### SECTION 18(2), 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. Total States expenditures are reported in Table 1 under the column STATES TOTAL. Information was not sought or provided to the Service by the IAFWA on an individual State's expenditures or as to which States did or did not report.

#### SUMMARY OF DATA

Table 1 reports the reasonably identifiable expenditures for each species by the Service, other Federal agencies, and the States. Species are grouped in the same general order as they are listed in 50 CFR Part 17. This year, Table 1 also provides 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 \$291.5 million total is also provided to assist the reader.

Expenditures are identified by species and reported separately for the Service and in aggregate for all other reporting Federal agencies and for the States (Table 1). Expenditures for Category 1 and 2 candidate species or other species not listed at 50 CFR Part 17 as of September 30, 1992, 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.

A total of \$291,510,910s tabulated (Table 1) in this report for FY 1992. Some 93 percent (679) of the 728 listed United States species have reasonably identifiable expenditures reported from one or more sources. Five (0.7 percent) of the species have reported expenditures that account for half (50.5 percent) of the total amount reported here (Table 2). Two of these are threatened species. Forty species (incl. four with both endangered and threatened populations) have reported expenditures exceeding \$1 million. Fifty-nine species (8.1 percent of the list) account for 90 percent of all reported expenditures (Table 2). Species receiving at least \$100 have a median expenditure of \$16,000 (max. \$73.579 million).

Below are the top 10 species with the highest reported expenditures in Fiscal Year 1992 (Table 2):

1992 RANK	SPECIES (50 CFR Part 17)	STATUS	TOTAL (\$000s)	1991 RANK
1	Woodpecker, red-cockaded	E	\$73,578.56 <sup>1</sup>	5
2	Salmon, sockeye	E	24,964.46	NA
3	Owl, northern spotted	T	17,691.09	4
4	Mouse, Choctawhatchee beach	E	16,107.00 <sup>1</sup>	430
5	Turtle, loggerhead sea	T	14,765.29 <sup>1</sup>	11
6	Manatee, West Indian (Florida)	E	13,597.82 <sup>1</sup>	3
7	Eagle, bald	E,T	11,439.60	1
8	Falcon, American peregrine	E	8,978.78	6
9	Bear, grizzly or brown	T	6,815.13	9
10	Tern, California least	E	6,007.14	28

The significant changes in rank between 1991 and 1992 are attributable to land acquisitions costs.

Despite the difficulties inherent in this reporting system, about 1 percent of all listed species received approximately half of the reasonably identifiable funding (Table 2). This conclusion was expected. 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.

A good faith effort was made to develop species by species expenditures for this report. However, the information presented again this 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 that which is provided below. A significant portion of

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<sup>1</sup> The total for these species has been heavily influenced by a major land acquisition program by the State of Florida. Over \$90 million was expended for just these species. Other Florida species had acquisitions costs reporting an additional \$30-40 million. These expenditures greatly distort the ranking of these species from previous annual reports.

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 by species. 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.

## COMPARISON TO PREVIOUS REPORTS

The amendment 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. An increase in future reported amounts is still expected as most federal and State agencies increase their capabilities to track and report such expenditures and some receive additional funds to devote to endangered or threatened species. The totals for the States may change sharply in either direction as large amounts apparently spent for land acquisitions change.

The following data are from the present and previous three reports:

ITEM	1989	1990	1991	1992
Federal Total (\$000s)	\$39,6387	\$96,6425	\$112,6848	\$160,0603
State Total (\$000s)	4,0861	5,7012	64,1267	\$131,4507
Grand Total (\$000s)	43,7248	102,3437	176,8115	\$291,5109
No. listed species	554	591	639	728
No. with reported expenditures	347	477	570	679
Max. reported amount (\$000s)	\$3,1086	\$9,6872	\$24,6513	\$73,5786
Median for species $\geq$ \$100	\$11,750	\$13,150	\$12,200	\$16,000
No. with 50% of expenditures (percentage of no. listed)	12 2.2%	10 1.7%	7 1.1%	5 07%
No. with 90% of expenditures (percentage of no. listed)	63 11.4%	58 9.8%	54 8.5%	59 81%
Rank of highest ranked vertebrate	1	1	1	1
Rank of highest ranked invertebrate	30	26	29	20
Rank of highest ranked plant	9	57	42	59

Because of better planning and coordination within the reporting agencies, this report cannot be easily compared to the 1989 or subsequent reports. The Service considers the continued increases of reported expenditures to be attributable to these better reporting procedures and in increased habitat acquisitions by Federal and State agencies. Real dollar increases or decreases cannot be accurately calculated or inferred from the overall or individual totals.

Large annual variations in the amounts reported on individual species often reflect land acquisitions and similar high cost expenditures that are not a part of normal ongoing conservation efforts. The Tumamoc globe-berry had a 1989 total of \$1,167,300 and was ranked ninth of 554 species; in the 1990 report the species had a rank within the 591 species of 60 with a total of \$214,440; in the 1991 report it is ranked 116 with a total of \$69,360; and in the current report it ranked 109 of 728 species with \$152,900. In

1989, a major land acquisition took place by the Bureau of Reclamation. Similar variations for other species are to be found among the four reports.

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 considered more precise than previous reports on estimated allocations, since they represent actual expenditures. However, they may be biased, since they only include reasonably identifiable expenditures.

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Table 1.

Reasonably Identifiable Federal and  
State Expenditures during FY 1992.

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 the purposes of this report the latter are counted as single 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.

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**TABLE 1. Reported Expenditures (\$000) for Fiscal year 1992 for Endangered and Threatened Species**

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
<b>MAMMALS</b>							
84	Bat, gray	E	\$ 29.9	\$ 187.4	\$ 217.3	\$ 37.4	\$ 254.7
101	Bat, Hawaiian hoary	E	129.2	25.6	154.8	19.7	174.5
78	Bat, Indiana	E	33.4	183.1	216.5	52.6	269.2
680	Bat, little Mariana fruit	E					
77	Bat, Mariana fruit	E	174.6	104.1	278.7		278.7
603	Bat, Mexican long-nosed	E	1.0	0.6	1.6		1.6
130	Bat, Ozark big-eared	E	92.3		92.3	8.1	100.4
99	Bat, Sanborn's long-nosed	E	33.6	140.9	174.5	12.0	186.5
174	Bat, Virginia big-eared	E	30.5	14.3	44.8	13.9	58.7
9	Bear, grizzly or brown	T	987.8	3046.7	4034.5	2780.6	6815.1
83	Bear, Louisiana black	T	166.0	82.9	248.9	11.8	260.7
432	Beaver, Point Arena mountain	E	10.0		10.0		10.0
103	Caribou, woodland	E	132.4	15.7	148.1	23.7	171.8
556	Cougar, eastern	E		3.4	3.4		3.4
89	Deer, Columbian white-tailed	E	207.5	4.0	211.5	2.0	213.5
69	Deer, key	E	371.9		371.9	8.5	380.4
664	Dugong	E	0.5		0.5		0.5
22	Ferret, black-footed	E	519.8	732.6	1252.4	199.6	1451.9
25	Fox, San Joaquin kit	E	109.6	1302.8	1412.4	2.2	1414.6
129	Jaguarundi (TX, Mex. ssp.)	E	85.5	15.4	100.9	1.0	101.9
440	Jaguarundi (AZ, NM, Mex. ssp.)	E	3.3		3.3	6.5	9.8
6	Manatee, West Indian (Florida)	E	300.0	447.9	747.9	12849.9	13597.8
574	Mouse, Alabama beach	E	2.0	0.5	2.5		2.5
260	Mouse, Anastasia Island beach	E	16.0		16.0	11.4	27.4
4	Mouse, Choctawhatchee beach	E	2.0	37.5	39.5	16067.5	16107.0
33	Mouse, Key Largo cotton	E	3.4		3.4	1200.1	1203.4
361	Mouse, Perdido Key beach	E	2.0	12.1	14.1	0.8	14.9
111	Mouse, Salt marsh harvest	E	52.5	95.6	148.1	0.3	148.4
604	Mouse, southeastern beach	T		0.5	0.5	1.0	1.5
98	Ocelot	E	130.5	51.1	181.6	12.5	194.1
61	Otter, southern sea	T	410.7	53.9	464.6		464.6
13	Panther, Florida	E	69.0	108.3	177.3	4387.4	4564.7
253	Prairie dog, Utah	T	5.9	3.0	8.9	19.5	28.4
90	Pronghorn, Sonoran	E	59.0	120.6	179.6	30.0	209.6
65	Rabbit, Lower Keys	E	378.9	27.7	406.6	1.0	407.6
144	Rat, Fresno kangaroo	E	16.6	59.4	76.0	1.2	77.2
117	Rat, giant kangaroo	E	70.6	54.8	125.4	11.9	137.3
173	Rat, Morro Bay kangaroo	E	56.5		56.5	3.6	60.1
71	Rat, rice (=silver rice)	E	371.9	0.5	372.4		372.4
88	Rat, Stephens' kangaroo	E	181.1	32.0	213.1	0.9	214.0
114	Rat, Tipton kangaroo	E	44.1	97.5	141.6	1.0	142.5
24	Sea-lion, Steller (=northern)	T		1430.5	1430.5	5.0	1435.5
680	Seal, Caribbean monk	E					
164	Seal, Guadalupe fur	T	15.0	48.9	63.9		63.9
42	Seal, Hawaiian monk	E	121.0	733.7	854.7	0.8	855.5
419	Shrew, Dismal Swamp southeastern	T		6.8	6.8	4.1	10.9

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
146	Squirrel, Carolina northern flying	E		16.8	16.8	59.6	76.4
313	Squirrel, Delmarva Peninsula fox	E	12.0		12.0	7.7	19.7
138	Squirrel, Mount Graham red	E	12.4	39.1	51.5	34.0	85.5
112	Squirrel, Virginia northern flying	E	13.0	128.4	141.4	4.3	145.7
386	Vole, Amargosa	E	10.0		10.0	3.0	13.0
680	Vole, Florida salt marsh	E					
185	Vole, Hualapai Mexican	E	20.5	20.0	40.5	11.0	51.5
178	Whale, blue	E		52.6	52.6	4.0	56.6
50	Whale, bowhead	E		686.1	686.1		686.1
325	Whale, finback	E		14.1	14.1	4.0	18.1
73	Whale, gray	E		321.3	321.3		321.3
67	Whale, humpback	E		392.2	392.2	4.2	396.4
70	Whale, right	E	1.0	366.3	367.3	13.0	380.3
463	Whale, Sei	E		4.0	4.0	4.0	8.0
448	Whale, sperm	E	0.5	4.1	4.6	4.0	8.6
18	Wolf, gray (all pop./ssp.)	E,T	1133.4	992.8	2126.3	134.2	2260.4
56	Wolf, red	E	516.0	145.3	661.3	0.8	662.1
32	Woodrat, Key Largo	E	3.4		3.4	1200.1	1203.4
MAMMALS subtotals		species: 65	\$7,149.7	\$12,465.4	\$19,615.1	\$39,277.1	\$58,892.2
BIRDS							
79	Akepa, Hawaii (honeycreeper)	E	251.3	16.0	267.3		267.3
256	Akepa, Maui (honeycreeper)	E	16.2	12.0	28.2		28.2
120	Akialoa, Kauai (honeycreeper)	E	123.1		123.1		123.1
113	Akiapolaau (honeycreeper)	E	129.5	16.0	145.5		145.5
463	Blackbird, yellow-shouldered	E	3.0		3.0	5.0	8.0
369	Bobwhite, masked (quail)	E	11.5	0.4	11.9	2.0	13.9
411	Broadbill, Guam	E	9.8	1.5	11.3		11.3
499	Caracara, Audubon's (Florida) crested	T				6.0	6.0
40	Condor, California	E	881.5	10.8	892.3	11.6	903.8
38	Coot, Hawaiian (=alae keo keo)	E	870.6	50.4	921.0	19.6	940.6
205	Crane, Mississippi sandhill	E	36.0	3.7	39.7	2.0	41.7
19	Crane, whooping	E	816.6	1408.0	2224.6	27.4	2252.0
81	Creeper, Hawaiian	E	248.5	16.0	264.5		264.5
427	Creeper, Molokai (Kakawahie)	E	10.2		10.2		10.2
476	Creeper, Oahu (alauwahio)	E	7.3		7.3		7.3
72	Crow, Hawaiian ('alala)	E	218.9		218.9	121.4	340.3
76	Crow, Mariana	E	178.7	102.8	281.5		281.5
680	Crow, white-necked	E					
152	Curlew, eskimo	E	70.2	1.6	71.8		71.8
41	Duck, Hawaiian (Koloe)	E	871.6	5.5	877.1	19.2	896.3
169	Duck, Laysan	E	62.2		62.2		62.2
7	Eagle, bald	E,T	7389.0	2816.8	10205.9	1233.7	11439.6
8	Falcon, American peregrine	E	2475.5	1570.9	4046.4	4932.4	8978.8
82	Falcon, Arctic peregrine	T	185.7	27.7	213.4	47.3	260.7
132	Falcon, northern aplomado	E	32.8	46.0	78.8	16.5	95.2
175	Finch, Laysan (honeycreeper)	E	58.3		58.3		58.3
279	Finch, Nihoa (honeycreeper)	E	23.3		23.3		23.3
31	Goose, Aleutian Canada	T	1150.7	52.5	1203.2	2.1	1205.4
64	Goose, Hawaiian (nene)	E	290.3	32.9	323.2	102.4	425.7

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
75	Hawk, Hawaiian (Io)	E	265.8	16.0	281.8		281.8
246	Honeycreeper, crested ('akohekohe)	E	16.2	13.0	29.2		29.2
39	Jay, Florida scrub	T	112.0	46.0	158.0	772.2	930.2
158	Kingfisher, Guam Micronesian	E	9.8	57.8	67.6		67.6
128	Kite, Everglade snail	E	60.0	31.6	91.6	11.0	102.6
680	Mallard, Mariana	E					
557	Megapode, Micronesian (La Perouse's)	E	3.3		3.3		3.3
458	Millerbird, Nihoa (old world warbler)	E	8.3		8.3		8.3
604	Monarch, Tinian	T	1.0	0.5	1.5		1.5
45	Moorhen (gallinule), Hawaiian common	E	759.7	5.5	765.2	19.0	784.2
122	Moorhen (gallinule), Mariana common	E	60.8	59.3	120.1		120.1
491	Nightjar (whip-poor-will), Puerto Rico	E	6.0		6.0	0.5	6.5
242	Nukupu'u (honeycreeper)	E	18.4	12.0	30.4		30.4
535	'O'o, Kauai (= 'O'o 'A'a)(honeyeater)	E	4.1		4.1		4.1
80	'O'u (honeycreeper)	E	250.7	16.0	266.7		266.7
3	Owl, northern spotted	T	3331.5	13714.6	17046.1	645.0	17691.1
218	Palila (honeycreeper)	E	16.3		16.3	20.2	36.5
27	Parrot, Puerto Rican	E	926.0	360.0	1286.0	20.0	1306.0
255	Parrotbill, Maui (honeycreeper)	E	15.2	13.0	28.2		28.2
86	Pelican, brown (all ex. SE US)	E	133.1	48.1	181.2	37.2	218.4
246	Petrel, Hawaiian dark-rumped	E	16.7	12.5	29.2		29.2
179	Pigeon, Puerto Rican plain	E	2.0		2.0	54.5	56.5
23	Plover, piping	E,T	381.4	864.0	1245.3	194.9	1440.2
338	Po'ouli (honeycreeper)	E	16.2		16.2		16.2
58	Prairie-chicken, Attwater's	E	601.0	4.9	605.9	17.5	623.3
106	Rail, California clapper	E	159.5	3.6	163.1	1.7	164.8
107	Rail, Guam	E	97.8	56.3	154.1		154.1
105	Rail, light-footed clapper	E	147.8	19.5	167.3	0.4	167.7
121	Rail, Yuma clapper	E	17.8	95.3	113.1	7.0	120.2
199	Shearwater, Newell's Townsend's	T	23.2	0.5	23.7	19.5	43.2
66	Shrike, San Clemente loggerhead	E	60.0	346.0	406.0	1.0	407.0
310	Sparrow, Cape Sable seaside	E	20.0		20.0		20.0
183	Sparrow, Florida grasshopper	E		25.0	25.0	27.0	52.0
680	Sparrow, San Clemente sage	T					
37	Stilt, Hawaiian (=Ae'o)	E	761.7	182.4	944.1	19.0	963.1
95	Stork, wood	E	181.0	12.3	193.3	10.4	203.8
160	Swiftlet, Mariana gray (=Vanikoro)	E	10.6	56.3	66.9		66.9
10	Tern, California least	E	157.4	5849.5	6006.9	0.2	6007.1
43	Tern, least (interior pop.)	E	223.3	540.5	763.9	72.7	836.6
156	Tern, roseate	E,T	42.5	2.6	45.1	23.1	68.2
535	Thrush, large Kauai	E	4.1		4.1		4.1
381	Thrush, Molokai (oloma'o)	E	13.3		13.3		13.3
499	Thrush, small Kauai (puaiohi)	E	6.0		6.0		6.0
240	Towhee, Inyo brown	T	19.8	11.0	30.8		30.8
36	Vireo, black-capped	E	777.2	239.6	1016.8	70.2	1087.0
15	Vireo, least Bell's	E	2046.4	781.7	2828.1	2.6	2830.7
569	Warbler (wood), Bachman's	E		2.8	2.8		2.8
35	Warbler (wood), golden-cheeked	E	868.2	140.4	1008.6	99.9	1108.4
57	Warbler (wood), Kirtland's	E	376.3	190.7	567.1	65.4	632.4
430	Warbler (willow), nightingale reed	E	10.1		10.1		10.1

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
							16.7
334	White-eye, bridled	E	15.2	1.5	16.7		
663	Woodpecker, ivory-billed	E	0.1	0.5	0.6		0.6
1	Woodpecker, red-cockaded	E	199.5	8467.3	8666.8	64911.7	73578.6
	BIRDS subtotals	species: 85	\$29,676.5	\$38,491.9	\$68,168.5	\$73,672.5	\$141,840.9
	REPTILES						
680	Anole, Culebra Island giant	E					
587	Boa, Mona	T	1.0		1.0	1.0	2.0
387	Boa, Puerto Rican	E	11.0	2.0	13.0		13.0
537	Boa, Virgin Islands tree	E	4.0		4.0		4.0
364	Crocodile, American	E	3.4	9.5	12.9	1.8	14.7
432	Crocodile, saltwater (=estuarine)	E	10.0		10.0		10.0
587	Gecko, Monito	E				2.0	2.0
485	Iguana, Mona ground	T	7.0		7.0		7.0
126	Lizard, blunt-nosed leopard	E	53.0	64.4	117.4		117.4
134	Lizard, Coachella Valley fringe-toed	T	81.0	7.0	88.0	1.3	89.3
321	Lizard, Island night	T		18.8	18.8		18.8
525	Lizard, St. Croix ground	E	5.0		5.0		5.0
543	Rattlesnake, New Mexican ridge-nosed	T	3.4		3.4	0.4	3.8
680	Skink, blue-tailed mole	T					
283	Skink, sand	T		22.5	22.5		22.5
584	Snake, Atlantic salt marsh	T				2.1	2.1
319	Snake, Concho water	T	0.5	11.6	12.1	6.8	18.9
340	Snake, eastern indigo	T	9.0	5.2	14.2	1.8	16.0
448	Snake, San Francisco garter	E	6.0	2.6	8.6		8.6
12	Tortoise, desert (Mojave pop.)	T	966.6	3858.6	4825.2	247.8	5073.0
102	Tortoise, gopher	T	12.0	128.9	140.9	32.6	173.5
258	Turtle, Alabama red-bellied	E	15.0	1.5	16.5	11.0	27.5
346	Turtle, flattened musk	T		15.5	15.5		15.5
16	Turtle, green sea	E,T	787.2	1776.0	2563.2	51.2	2614.5
47	Turtle, hawksbill sea (=carey)	E	85.4	624.2	709.6	25.0	734.6
30	Turtle, Kemp's (Atlantic) ridley sea	E	102.4	999.1	1101.5	104.7	1206.2
26	Turtle, leatherback sea	E	509.2	821.1	1330.3	32.1	1362.5
5	Turtle, loggerhead sea	T	718.0	1197.8	1915.8	12849.4	14765.3
266	Turtle, olive (Pacific) ridley sea	T	25.0		25.0	0.8	25.8
322	Turtle, Plymouth red-bellied	E	5.0		5.0	13.5	18.5
287	Turtle, ringed sawback	T		3.0	3.0	19.3	22.3
181	Turtle, yellow-blotched map	T	46.5	2.7	49.2	5.0	54.2
	REPTILES subtotals	species: 33	\$3,466.7	\$9,571.9	\$13,038.7	\$13,409.8	\$26,448.5
	AMPHIBIANS						
647	Coqui, golden	T	1.0		1.0		1.0
194	Salamander, Cheat Mountain	T	5.0	40.0	45.0	0.5	45.5
664	Salamander, desert slender	E				0.5	0.5
405	Salamander, Red Hills	T	11.0	0.5	11.5		11.5
403	Salamander, San Marcos	T	3.9		3.9	8.0	11.9
354	Salamander, Santa Cruz long-toed	E	15.0		15.0	0.2	15.2
354	Salamander, Shenandoah	E		15.0	15.0	0.2	15.2
424	Salamander, Texas blind	E	3.9		3.9	6.5	10.4
271	Toad, Houston	E	9.5	0.9	10.4	13.8	24.2

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
		T	9.0	0.6	9.6	2.0	11.6
404	Toad, Puerto Rican crested	E	426.3	0.4	426.7		426.7
63	Toad, Wyoming	species: 11	\$484.6	\$57.4	\$542.0	\$31.6	\$573.7
	AMPHIBIANS subtotals						
	FISHES						
		T	42.5		42.5		42.5
201	Catfish, Yaqui	E		0.6	0.6		0.6
662	Cavefish, Alabama	T	50.4	25.7	76.0	5.5	81.5
140	Cavefish, Ozark	E	640.3	124.0	764.3	51.1	815.4
44	Chub, bonytail	E	21.5	22.0	43.5	6.7	50.2
187	Chub, Borax Lake	T	32.5	7.0	39.5		39.5
211	Chub, Chihuahuas	E	195.7	2687.9	2883.6	121.5	3005.1
14	Chub, humpback	T					
680	Chub, Hutton tui	E	5.0	35.0	40.0	1.0	41.0
208	Chub, Mohave tui	E	11.0	17.1	28.1	11.0	39.1
214	Chub, Owens tui	E	33.4		33.4		33.4
231	Chub, Pahrnagat roundtail (=bonytail)	T		1.6	1.6	14.8	16.5
336	Chub, slender	T	4.8	3.0	7.8	6.0	13.8
374	Chub, Sonora	T		1.1	1.1	20.0	21.2
301	Chub, spotfin	E	56.7	79.4	136.1	4.5	140.6
116	Chub, Virgin River	E	43.5	0.4	43.9	2.0	45.9
193	Chub, Yaqui	E	109.9	607.0	716.9		716.9
49	Cui-ui	E	23.4		23.4	0.8	24.2
272	Dace, Ash Meadows speckled	T		16.3	16.3	15.4	31.8
234	Dace, blackside	E	5.5		5.5	0.1	5.6
510	Dace, Clover Valley speckled	T	2.8	452.1	454.9	0.5	455.4
62	Dace, desert	T	0.2		0.2		0.2
675	Dace, Foskett speckled	E	5.5		5.5	0.1	5.6
510	Dace, Independence Valley speckled	E	0.2	4.0	4.2		4.2
533	Dace, Kendall Warm Springs	E	20.0		20.0	0.6	20.6
305	Dace, Moapa	E	6.5	0.3	6.8	0.1	6.9
489	Darter, amber	T		0.4	0.4	4.0	4.4
532	Darter, bayou	E		1.0	1.0	15.0	16.1
339	Darter, boulder (=Elk River)	E	57.4		57.4	16.0	73.4
150	Darter, fountain	T		4.0	4.0		4.0
537	Darter, goldline	T	18.5	6.7	25.2		25.2
268	Darter, leopard	E					
680	Darter, Maryland	T	7.0		7.0	24.0	31.0
239	Darter, Niangua	E		287.4	287.4		287.4
74	Darter, Okaloosa	T	7.8	1.8	9.6	16.9	26.6
263	Darter, slackwater	T		2.4	2.4	15.1	17.5
328	Darter, snail	E		1.6	1.6	1.0	2.6
573	Darter, watercress	E	19.5	4.2	23.7	8.0	31.7
235	Gambusia, Big Bend	E					
680	Gambusia, Clear Creek	E		5.4	5.4	8.0	13.4
380	Gambusia, Pecos	E			0.4	8.0	8.4
456	Gambusia, San Marcos	E	0.4	0.3	2.8	15.6	18.4
323	Logperch, Conasauga	E	20.0	30.4	50.4	21.5	71.9
151	Logperch, Roanoke	T	87.2	2.1	89.3	0.8	90.1
133	Nadtom, Neosho	E					
680	Nadtom, Scioto						

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
251	Madtom, Smoky	E	9.4	3.8	13.2	15.4	28.6
220	Madtom, yellowfin	T	9.4	9.1	18.5	17.9	36.4
145	Minnou, loach	T	16.0	54.5	70.5	6.0	76.5
229	Poolfish (=Killifish), Pahrump	E	33.6		33.6	0.5	34.1
253	Pupfish, Ash Meadows Amargosa	E	28.4		28.4		28.4
302	Pupfish, Comanche Springs	E	0.2	5.4	5.6	15.5	21.1
123	Pupfish, desert	E	40.5	67.6	108.1	12.0	120.1
172	Pupfish, Devil's Hole	E	26.9	32.0	58.9	2.0	60.9
261	Pupfish, Leon Springs	E	19.5		19.5	7.5	27.0
204	Pupfish, Owens	E	34.8	6.0	40.8	1.0	41.8
379	Pupfish, Warm Springs	E	13.4		13.4		13.4
11	Salmon, chinook (Sacramento R. winter run)	T	1195.0	4028.4	5223.4	143.0	5366.4
2	Salmon, sockeye	E	108.0	24819.5	24927.5	37.0	24964.5
587	Sculpin, pygmy	T	1.0		1.0	1.0	2.0
306	Shiner, beautiful	T	20.5		20.5		20.5
554	Shiner, blue	T		3.3	3.3	0.3	3.6
165	Shiner, Cahaba	E	58.0	5.5	63.5		63.5
257	Shiner, Cape Fear	E	22.5	0.5	23.0	5.0	28.0
87	Shiner, Pecos bluntnose	T	13.0	201.4	214.4		214.4
517	Silverside, Vaccamaw	T		0.4	0.4	5.0	5.4
198	Spinedace	T	10.5	27.0	37.5	6.0	43.5
277	Spinedace, Big Spring	T	22.5		22.5	1.0	23.5
170	Spinedace, Little Colorado	T	2.8	50.5	53.3	8.0	61.3
281	Spinedace, White River	E	21.0		21.0	2.0	23.0
278	Springfish, Hiko White River	E	18.4		18.4	5.0	23.4
288	Springfish, Railroad Valley	T	22.0		22.0	0.3	22.3
292	Springfish, White River	E	16.9		16.9	5.0	21.9
17	Squawfish, Colorado	E	534.4	1706.4	2240.8	145.4	2386.2
100	Stickleback, unarmored threespine	E	6.0	179.7	185.7		185.7
222	Sturgeon, Gulf	T	9.0	25.1	34.1	0.9	35.0
34	Sturgeon, pallid	E	269.6	766.6	1036.2	163.8	1200.0
166	Sturgeon, shortnose	E		60.7	60.7	2.0	62.7
119	Sucker, June	E	87.2	30.0	117.2	12.0	129.2
48	Sucker, Lost River	E	71.5	640.8	712.3	6.7	718.9
213	Sucker, Modoc	E	6.7	32.6	39.3		39.3
28	Sucker, razorback	E	467.1	704.7	1171.8	52.5	1224.3
46	Sucker, shortnose	E	68.5	666.1	734.6	6.7	741.3
131	Sucker, Warner	T	59.5	24.6	84.1	13.3	97.4
92	Topminnow, Gila (incl. Yaqui)	E	58.0	127.0	185.0	24.0	209.0
93	Trout, Apache	T	160.0	30.5	190.5	16.0	206.5
124	Trout, Gila	E	58.5	60.0	118.5	1.0	119.5
110	Trout, greenback cutthroat	T	38.3	64.5	102.8	48.0	150.8
21	Trout, Lahontan cutthroat	T	437.9	1602.3	2040.2	69.0	2109.2
216	Trout, Little Kern golden	T	1.2	6.6	7.8	30.0	37.8
155	Trout, Paiute cutthroat	T	6.0	47.7	53.7	15.0	68.7
94	Woundfin	E	84.7	108.8	193.5	10.5	204.0
FISHES subtotals		species: 91	\$5,719.9	\$40,631.9	\$46,351.8	\$1,328.9	\$47,680.6
VERTEBRATES subtotals		species: 285	\$46,497.4	\$101,218.6	\$147,716.0	\$127,719.9	\$275,435.9

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RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
INVERTEBRATES							
425	Amberanail, Kanab	E	4.3	5.0	9.3	1.0	10.3
537	Shagreen, Magazine Mountain	T		4.0	4.0		4.0
499	Snail, Chittanango ovate amber	T	2.0		2.0	4.0	6.0
541	Snail, flat-spined three-toothed	T	2.5	1.0	3.5	0.4	3.9
189	Snail, Iowa Pleistocene	E	40.0	0.4	40.4	8.0	48.4
577	Snail, Noonday	T		0.4	0.4	2.0	2.4
139	Snails, Oahu tree (19 spp.)	E	78.0	5.0	83.0		83.0
353	Snail, painted snake coiled forest	T		0.4	0.4	14.8	15.3
125	Snail, Stock Island	T	119.0		119.0	0.3	119.3
298	Snail, tulotoma	E	13.2	5.6	18.8	3.0	21.8
673	Snail, Virginia fringed mountain	E		0.4	0.4		0.4
485	Springanail, Alamosa	E	7.0		7.0		7.0
525	Springanail, Socorro	E	5.0		5.0		5.0
276	Fanshell	E	5.6	1.0	6.6	17.0	23.6
190	Fatmucket, Arkansas	T	5.6	38.5	44.1	3.6	47.7
186	Heelsplitter, inflated	T		2.8	2.8	48.1	50.9
422	Mussel, Curtus'	E		9.9	9.9	0.5	10.4
104	Mussel, dwarf wedge	E	28.9	117.5	146.4	25.1	171.5
398	Mussel, Judge Tait's	E		11.5	11.5	0.5	12.0
646	Mussel, Marshall's	E		0.6	0.6	0.5	1.1
384	Mussel, penitent	E	1.0	11.6	12.6	0.5	13.1
312	Mussel, ring pink (=golf stick pearly)	E	3.0		3.0	16.8	19.8
191	Mussel, winged mapleleaf	E	32.7	12.5	45.2	2.0	47.2
127	Pearlshell, Louisiana	E	12.0	75.8	87.8	17.1	104.9
348	Pearly mussel, Alabama lamp	E		0.3	0.3	15.1	15.4
345	Pearly mussel, Appalachian monkeyface	E		0.5	0.5	15.1	15.6
311	Pearly mussel, birdwing	E		4.7	4.7	15.1	19.9
332	Pearly mussel, cracking	E		0.2	0.2	16.7	16.9
270	Pearly mussel, Cumberland bean	E		9.1	9.1	15.2	24.3
349	Pearly mussel, Cumberland monkeyface	E		0.2	0.2	15.1	15.4
453	Pearly mussel, Curtis'	E	4.5		4.5	4.0	8.5
316	Pearly mussel, dromedary	E		4.2	4.2	15.1	19.4
351	Pearly mussel, green-blossom	E		0.2	0.2	15.1	15.4
97	Pearly mussel, Higgins' eye	E	41.3	117.9	159.2	37.9	197.1
206	Pearly mussel, little-wing	E	3.0	18.2	21.2	20.2	41.5
141	Pearly mussel, orange-footed	E	3.0	63.1	66.1	15.1	81.3
350	Pearly mussel, pale lilliput	E		0.2	0.2	15.1	15.4
153	Pearly mussel, pink mucket	E	11.0	42.8	53.8	18.0	71.8
289	Pearly mussel, purple cat's paw	E	5.6		5.6	16.6	22.3
347	Pearly mussel, tubercled-blossom	E		0.3	0.3	15.1	15.4
357	Pearly mussel, turgid-blossom	E				15.1	15.1
286	Pearly mussel, white cat's paw	E	10.0	2.5	12.5	9.9	22.4
333	Pearly mussel, white wartyback	E		1.6	1.6	15.1	16.8
356	Pearly mussel, yellow-blossom	E		0.0	0.0	15.1	15.2
664	Pigtoe, Cumberland	E				0.5	0.5
324	Pigtoe, fine-rayed	E		1.1	1.1	17.1	18.3
267	Pigtoe, rough	E	3.0	5.9	8.9	16.6	25.6
320	Pigtoe, shiny	E		0.7	0.7	18.1	18.8
197	Pocketbook, fat	E		39.3	39.3	4.6	43.8



Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
420	Pocketbook, speckled	E	7.0		7.0	3.6	10.6
344	Riffleshell, tan	E		0.5	0.5	15.2	15.7
184	Rock-pocketbook, Ouachita (=Wheeler's pearly)	E	42.5	0.5	43.0	8.8	51.8
602	Shell, stirrup	E		1.6	1.6		1.6
245	Spinymussel, James River (=Virginia)	E		26.5	26.5	2.7	29.2
326	Spinymussel, Tar River	E	3.0		3.0	15.0	18.0
680	Amphipod, Hay's spring	E					
273	Crayfish, cave (no common name)	E		23.6	23.6	0.2	23.8
358	Crayfish, Nashville	E		0.2	0.2	14.9	15.1
337	Crayfish, Shasta (=placid)	E	6.8	1.2	8.0	8.3	16.3
659	Isopod, Madison Cave	T		0.3	0.3	0.5	0.8
635	Isopod, Socorro	E	1.0		1.0	0.1	1.1
115	Shrimp, Alabama cave	E	1.0	140.7	141.7		141.7
425	Shrimp, California freshwater	E	3.7	6.6	10.3		10.3
188	Shrimp, Kentucky Cave	E		50.0	50.0		50.0
680	Shrimp, Squirrel Chimney (=Florida) cave	T					
118	Beetle, Amer. burying (=giant carrion)	E	47.8	77.1	124.9	4.5	129.4
660	Beetle, delta green ground	T		0.8	0.8		0.8
51	Beetle, Kretschmarr Cave mold	E	673.7		673.7	7.1	680.8
309	Beetle, northeastern beach tiger	T	9.5	7.0	16.5	3.6	20.1
343	Beetle, Puritan tiger	T	12.5		12.5	3.4	15.9
52	Beetle, Tooth Cave ground	E	673.2		673.2	7.1	680.3
20	Beetle, valley elderberry longhorn	T	1846.0	297.4	2143.4		2143.4
352	Butterfly, bay checkerspot	T	14.8	0.5	15.3		15.3
680	Butterfly, El Segundo blue	E					
192	Butterfly, Lange's metalmark	E	46.3		46.3		46.3
432	Butterfly, lotis blue	E	7.0	3.0	10.0		10.0
136	Butterfly, mission blue	E	4.1	82.0	86.1		86.1
244	Butterfly, Mitchell's satyr	E	24.4	0.7	25.1	4.4	29.5
587	Butterfly, Myrtle's silverspot	E	2.0		2.0		2.0
60	Butterfly, Oregon silverspot	T	36.5	24.0	60.5	432.1	492.6
680	Butterfly, Palos Verde blue	E					
136	Butterfly, San Bruno elfin	E	4.1	82.0	86.1		86.1
29	Butterfly, Schaus swallowtail	E	14.4		14.4	1200.1	1214.4
413	Butterfly, Smith's blue	E	9.5	1.6	11.1		11.1
207	Butterfly, Uncompahgre fritillary	E	15.2	25.0	40.2	1.0	41.2
678	Moth, Kern primrose sphinx	T		0.1	0.1		0.1
307	Naucorid, Ash Meadows	T	20.4		20.4		20.4
429	Skipper, Pawnee montane	T	10.2		10.2		10.2
52	Harvestman, Bee Creek Cave	E	673.2		673.2	7.1	680.3
52	Pseudoscorpion, Tooth Cave	E	673.2		673.2	7.1	680.3
52	Spider, Tooth Cave	E	673.2		673.2	7.1	680.3
INVERTEBRATES subtotals		species: 91	\$5,997.3	\$1,470.1	\$7,467.4	\$2,296.3	\$9,763.7
PLANTS							
566	Abutilon eremitopetalum (=Sci. name)	E	1.0	2.0	3.0		3.0
563	Abutilon sandwicense (=Sci. name)	E	1.2	2.0	3.2		3.2
577	Agave, Arizona	E	1.0	1.4	2.4		2.4
405	'Akoko, Ewa Plains	E	10.5	1.0	11.5		11.5
563	'Akoko (Chamaesyce celastroides var. kaenana)	E	1.2	2.0	3.2		3.2

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
630	'Akoko ( <i>Chamaesyce kuwaleana</i> )	E	1.2		1.2		1.2
647	Alani	E	1.0		1.0		1.0
630	<i>Alsinidendron obovatum</i> (=Sci. name)	E	1.2		1.2		1.2
563	<i>Alsinidendron trinerve</i> (=Sci. name)	E	1.2	2.0	3.2		3.2
394	<i>Amphianthus</i> , little	T	12.0	0.4	12.4		12.4
371	Arrowhead, bunched	E	7.0	6.9	13.9		13.9
409	Aster, decurrent false	T	7.8	3.6	11.4		11.4
396	Aster, Ruth's golden	E				12.3	12.3
241	Aster, Florida golden	E		21.7	21.7	9.0	30.7
680	Aupeka	E					
630	'Awii	E	1.2		1.2		1.2
680	Barberry, Truckee	E					
490	Bariaco	E	5.0	1.5	6.5	0.1	6.6
478	Beaked-rush, Knieskern's	T	7.0		7.0	0.2	7.2
471	Beardtongue, Penland	E	5.2	2.5	7.7		7.7
460	Bear-poppy, dwarf	E	5.2	2.0	7.2	1.0	8.2
499	Beauty, Harper's	E	6.0		6.0		6.0
373	Avena, spreading	E		1.5	1.5	12.3	13.8
680	Bellflower, Brooksville	E					
290	<i>Bidens</i> , cuneate	E	22.0		22.0		22.0
372	Birch, Virginia round-leaf	E	5.0	5.0	10.0	3.8	13.8
442	Birds-in-a-nest, white	T		9.4	9.4		9.4
209	Bird's beak, palmate-bracted	E	1.0	39.8	40.8		40.8
399	Bird's-beak, salt marsh	E		12.0	12.0		12.0
525	Bittercress, small-anthered	E	5.0		5.0		5.0
308	Bladderpod, Dudley Bluffs	T	5.7	13.4	19.1	1.0	20.1
367	Bladderpod, lyrate	T	14.0		14.0		14.0
484	Bladderpod, Missouri	E		5.1	5.1	2.0	7.1
393	Bladderpod, white	E	1.5		1.5	11.0	12.5
292	Blazingstar, Ash Meadows	T	21.9		21.9		21.9
604	Blazingstar, Heller's	T		1.5	1.5		1.5
680	Blazingstar, scrub	E					
548	Bluegrass, Hawaiian	E	3.7		3.7		3.7
396	Bluet, Roan Mountain	E				12.3	12.3
366	Blue-star, Kearney's	E	4.0	10.1	14.1		14.1
448	Bonamia, Florida	T		8.6	8.6		8.6
520	Boxwood, Vahl's	E	5.0		5.0	0.1	5.1
566	Broom, San Clemente Island	E		3.0	3.0		3.0
664	Buckwheat, steamboat	E		0.5	0.5		0.5
370	Bulrush, Northeastern (=barbed bristle)	E	8.0	1.0	9.0	4.9	13.9
162	Bush-clover, prairie	T	11.0	11.2	22.3	43.4	65.6
587	Bush-mallow, San Clemente Island	E		2.0	2.0		2.0
300	Buttercup, autumn	E	19.2		19.2	2.0	21.2
445	Button, Mohr's Barbara	E	7.0	1.7	8.7	0.5	9.2
360	Cactus, Arizona hedgehog	E	2.5	12.4	14.9		14.9
215	Cactus, Bakersfield	E	5.9	32.0	37.9		37.9
431	Cactus, black lace	E	4.0	0.6	4.6	5.5	10.1
473	Cactus, Brady pincushion	E	0.6	6.9	7.5		7.5
512	Cactus, bunched cory	T		0.1	0.1	5.5	5.6
477	Cactus, Chisos Mtn. hedgehog	T	1.2	0.6	1.8	5.5	7.3

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
469	Cactus, Cochise pincushion	T	7.5	0.4	7.9		7.9
68	Cactus, Key tree	E	391.9		391.9		391.9
274	Cactus, Knowlton	E	13.2	10.4	23.6		23.6
274	Cactus, Kuenzler hedgehog	E	9.5	11.9	21.4	2.2	23.6
601	Cactus, Lee pincushion	T	1.2	0.4	1.6		1.6
457	Cactus, Lloyd's hedgehog	E	1.8	1.0	2.8	5.5	8.3
512	Cactus, Lloyd's Mariposa	T		0.1	0.1	5.5	5.6
237	Cactus, Mesa Verde	T	8.7	16.9	25.6	5.7	31.3
475	Cactus, Nellie cory	E	2.0		2.0	5.5	7.5
572	Cactus, Nichol's Turk's head	E	0.3	2.4	2.7		2.7
547	Cactus, Peabbles Navajo	E	0.3	3.4	3.7		3.7
508	Cactus, San Rafael	E	1.7	4.0	5.7		5.7
330	Cactus, Siler pincushion	E	11.5	5.9	17.4		17.4
196	Cactus, Sneed pincushion	E	36.0	2.5	38.5	5.5	44.0
285	Cactus, spineless hedgehog	E	15.5	6.9	22.4		22.4
329	Cactus, Tobusch fishhook	E	12.0		12.0	5.5	17.5
236	Cactus, Unita Basin hookless	T	5.2	26.2	31.4		31.4
405	Cactus, Wright fishhook	E	0.5	11.0	11.5		11.5
441	Campion, fringed	E	9.0	0.5	9.5		9.5
555	Cape rosa	E	0.5	3.0	3.5		3.5
496	Cassia mirabilis (=Sci. name)	E	6.0		6.0	0.1	6.1
284	Cat's-eye, Terlingua Creek	E	17.0		17.0	5.5	22.5
292	Centaury, spring-loving	T	21.9		21.9		21.9
518	Chaffseed, American	E	3.0	2.4	5.4		5.4
387	Chaff-flower, round-leaved	E	10.0	3.0	13.0		13.0
548	Chamaesyce halemanui (=Sci. name)	E	3.7		3.7		3.7
474	Checker-mallow, pedate	E	6.5	1.0	7.5		7.5
496	Chumbo, higo	T	6.0		6.0	0.1	6.1
544	Cinquefoil, Robbins'	E		3.0	3.0	0.8	3.8
248	Cliff-rose, Arizona	E	3.5	25.7	29.2		29.2
414	Clover, running buffalo	E	2.0	4.8	6.8	4.2	11.0
303	Coneflower, Tennessee purple	E	6.0	2.2	8.2	12.7	20.9
432	Coyote-thistle, Loch Lomond	E	10.0		10.0		10.0
664	Cranichis ricartii (=Sci. name)	E	0.5		0.5		0.5
574	Cress, toad-flax	E	0.5	2.0	2.5		2.5
647	Cyanea macrostegia subsp. gibeonii (=Sci. name)	E	1.0		1.0		1.0
680	Cyanea superba (=Sci. name)	E					
612	Cyanea undulata (=Sci. name)	E	1.3		1.3		1.3
499	Cycladenia, Jones	T	0.5	5.5	6.0		6.0
399	Cypress, Santa Cruz	E	10.0	2.0	12.0		12.0
580	Daisy, lakeside	T	2.0		2.0	0.2	2.3
148	Daisy, McGuire	E	70.2	4.0	74.2		74.2
481	Daphnopsis hellerana (=Sci. name)	E	7.0		7.0	0.1	7.1
385	Dawn-flower, Texas prairie	E	7.0	0.6	7.6	5.5	13.1
630	Diellia falcata (=Sci. name)	E	1.2		1.2		1.2
417	Dogweed, ashy	E	5.5		5.5	5.5	11.0
443	Dropwort, Canby's	E	8.0	1.2	9.2	0.2	9.4
548	Dubautia latifolia (=Sci. name)	E	3.7		3.7		3.7
612	Dubautia pauciflora (=Sci. name)	E	1.3		1.3		1.3
585	Erubia	E	2.0		2.0	0.1	2.1

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
410	Evening-primrose, Antioch Dunes	E	11.4		11.4		11.4
514	Evening-primrose, Eureka Valley	E	3.5	2.0	5.5		5.5
269	Evening-primrose, San Benito	T	11.0	14.0	25.0		25.0
367	Fern, Alabama streak-sorus	T	7.0	7.0	14.0		14.0
171	Fern, Aleutian shield	E	21.0	40.0	61.0		61.0
182	Fern, American hart's-tongue	T	4.0	35.5	39.5	12.6	52.1
636	Fern, Elfin tree	E	1.0		1.0	0.1	1.1
217	Fiddleneck, Large-flowered	E	37.0		37.0		37.0
469	Fleabane, Rhizome	T	7.5	0.4	7.9		7.9
161	Four-o'clock, MacFarlane's	E	52.1	13.6	65.7	1.0	66.7
392	Frankenia, Johnston's	E	7.0		7.0	5.5	12.5
647	Gahnia lanaiensis (=Sci. name)	E	1.0		1.0		1.0
200	Gardenia, Hawaiian (na'u)	E	22.0	2.0	24.0	18.7	42.7
461	Geocarpon minimum (=Sci. name)	T	6.6	0.5	7.1	1.0	8.1
499	Geranium, Hawaiian red-flowered	E	6.0		6.0		6.0
331	Gerardia, sandplain	E	16.5	0.3	16.8	0.5	17.3
587	Gilia, Monterey	E	2.0		2.0		2.0
109	Globeberry, Tumamoc	E	25.5	126.6	152.1		152.1
553	Goetzea, beautiful (matauey)	E	3.0	0.6	3.6	0.1	3.7
391	Goldenrod, Blue Ridge	T		0.4	0.4	12.3	12.7
498	Goldenrod, Houghton's	T	2.0	3.1	5.1	1.0	6.1
314	Goldenrod, Short's	E	11.0	8.6	19.6		19.6
359	Goldenrod, white-haired	T	13.0	2.0	15.0		15.0
327	Goldfields, Burke's	E	17.9		17.9		17.9
494	Gooseberry, Miccosukee (Florida)	T	1.8	3.5	5.3	1.0	6.3
577	Gouania hillebrandii (=Sci. name)	E		2.4	2.4		2.4
612	Gouania meyerii (=Sci. name)	E	1.3		1.3		1.3
514	Grass, Eureka Dune	E	3.5	2.0	5.5		5.5
680	Grass, Solano	E					
375	Grass, Tennessee yellow-eyed	E	7.0	5.6	12.6	1.0	13.6
661	Groundsel, San Francisco Peaks	T	0.3	0.4	0.7		0.7
264	Ground-plum, Guthrie's	E	26.0		26.0		26.0
292	Gumplant, Ash Meadows	T	21.9		21.9		21.9
638	Haha (Cyanea lobata)	E	1.1		1.1		1.1
638	Haha (Cyanea mceldouneyi)	E	1.1		1.1		1.1
630	Haha (Cyanea pinnatifida)	E	1.2		1.2		1.2
432	Haplostachya, narrow-leaved	E	8.0	2.0	10.0		10.0
243	Harperella	E	11.3	17.0	28.3	1.2	29.5
680	Ha'iwaile	E					
463	Heartleaf, dwarf-flowered	T	7.0		7.0	1.0	8.0
292	Heather, mountain golden	T	7.9	14.0	21.9		21.9
537	Hedyotis, Na Pali beech	E	2.0	2.0	4.0		4.0
612	Hedyotis degeneri (=Sci. name)	E	1.3		1.3		1.3
612	Hedyotis parvula (=Sci. name)	E	1.3		1.3		1.3
612	Hesperomannia arbuscula (=Sci. name)	E	1.3		1.3		1.3
612	Hesperomannia lydgatei (=Sci. name)	E	1.3		1.3		1.3
520	Higuero de Sierra	E	5.0		5.0	0.1	5.1
647	Holly, Cook's	E	1.0		1.0		1.0
222	Hypericum, highlands scrub	E				35.0	35.0
415	Ihi'ihi	E	11.0		11.0		11.0

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
604	Ilex sintenisii (=Sci. name)	E	0.5	1.0	1.5		1.5
587	Iliou, dwarf	E	2.0		2.0		2.0
587	Indian paintbrush, San Clemente Island	E		2.0	2.0		2.0
195	Iris, dwarf lake	T	4.2	3.1	7.3	37.4	44.7
463	Irisette, white	E	8.0		8.0		8.0
317	Ivesia, Ash Meadows	T	18.9		18.9		18.9
149	Jewelflower, California	E	8.6	65.0	73.6		73.6
412	Joint-vetch, sensitive	T	3.0	4.3	7.3	3.8	11.1
612	Kamakihala	E	1.3		1.3		1.3
210	Kaui hau kuahiki	E	19.0	2.0	21.0	19.0	40.0
638	Kio'ele	E	1.1		1.1		1.1
291	Kokio, Cooke's	E	1.2	2.0	3.2	18.7	21.9
282	Koki'o (=hau-hele'ula or Hawaii tree cotton)	E	20.8	2.0	22.8		22.8
638	Ko'oko'olau	E	1.1		1.1		1.1
432	Ko'oloe'ula	E	8.0	2.0	10.0		10.0
612	Kulu'i	E	1.3		1.3		1.3
417	Ladies'-tresses, Navasota	E	4.5		4.5	6.5	11.0
135	Ladies'-tresses, Ute	T	51.5	35.7	87.2	1.5	88.7
315	Legu, Hyan	E	17.5	2.0	19.5		19.5
587	Larkspur, San Clemente Island	E		2.0	2.0		2.0
542	Layia, beach	E	1.9	2.0	3.9		3.9
680	Lead-plant, Crenulate	E					
405	Leather flower, Alabama	E	10.0	1.5	11.5		11.5
508	Leather flower, Morefield's	E		5.7	5.7		5.7
531	Lepanthes eltoensis (=Sci. name)	E	0.5	4.0	4.5		4.5
638	Liliwa'i	E	1.1		1.1		1.1
452	Lily, Minnesota trout	E	5.4	0.4	5.8	2.7	8.5
232	Lipochaeta venosa (=Sci. name)	E	11.0		11.0	21.9	32.9
680	Liveforever, Santa Barbara Island	E					
612	Lobelia nilhauensis (=Sci. name)	E	1.3		1.3		1.3
212	Locoweed, Fassett's	T		3.0	3.0	36.4	39.4
177	Lomatium, Bradshaw's	E	19.0	28.8	47.8	10.0	57.8
85	Loosestrife, rough-leaved	E	6.0	229.5	235.5		235.5
362	Lousewort, Furbish	E	11.9		11.9	3.0	14.9
680	Lupine, clover	E					
463	Lupine, scrub	E	8.0		8.0		8.0
647	Lysimachia lydgatei (=Sci. name)	E	1.0		1.0		1.0
587	Mahoe	E		2.0	2.0		2.0
167	Mallow, Kern	E	24.6	38.0	62.6		62.6
432	Mallow, Peter's Mountain	E	6.0	1.0	7.0	3.0	10.0
534	Manaca, palma de	T	4.0		4.0	0.1	4.1
399	Manioc, Walker's	E	11.5	0.5	12.0		12.0
680	Manzanita, Presido (=Raven's)	E					
569	Ma'oli'oli	E	2.8		2.8		2.8
180	Meadowfoam, Butte County	E	14.5	40.0	54.5		54.5
447	Meadowfoam, Sebastopol	E	8.9		8.9		8.9
478	Meadowrue, Cooley's	E	7.0		7.0	0.2	7.2
96	Mesa-mint, San Diego	E	30.0	170.0	200.0		200.0
680	Milkpea, Small's	E					
143	Milkweed, Head's	T	12.9	62.3	75.2	2.5	77.7

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
335	Milkweed, Welsh's	T	4.5	10.0	14.5	2.0	16.5
487	Milk-vetch, Ash meadows	T	6.9		6.9		6.9
574	Milk-vetch, heliotrope	T	0.5	2.0	2.5		2.5
495	Milk-vetch, Jesup's	E	6.0		6.0	0.2	6.2
304	Milk-vetch, Mancos	E	6.4	12.9	19.3	1.5	20.8
427	Milk-vetch, Osterhout	E	5.2	4.5	9.7	0.5	10.2
249	Milk-vetch, Sentry	E	4.0	25.0	29.0		29.0
680	Mint, Garrett's (=scrub, in part)	E					
680	Mint, Lakela's	E					
680	Mint, longspurred	E					
680	Mint, scrub	E					
363	Monkey-flower, Michigan	E	13.0	1.3	14.3	0.5	14.8
154	Monkshood, northern wild	T	31.0		31.0	39.4	70.4
680	Mustard, Carter's	E					
421	Mustard, slender-petaled	E	6.5	4.0	10.5		10.5
432	Naupaka, dwarf	E	8.0	2.0	10.0		10.0
612	Na'ena'e	E	1.3		1.3		1.3
481	Negra, cobana	T	7.0		7.0	0.1	7.1
647	Nehe (Lipochaeta kamolensis)	E	1.0		1.0		1.0
557	Nehe (Lipochaeta lobata var. leptophylla)	E	1.3	2.0	3.3		3.3
612	Nehe (Lipochaeta tenuifolia)	E	1.3		1.3		1.3
612	Neraudia angulata (=Sci. name)	E	1.3		1.3		1.3
299	Niterwort, Amargosa	E	21.4		21.4		21.4
638	Nohoanu	E	1.1		1.1		1.1
446	Oak, Hinckley's	T	3.5		3.5	5.5	9.0
638	'Oha wai	E	1.1		1.1		1.1
612	Opuhe	E	1.3		1.3		1.3
395	Orchid, eastern prairie fringed	T	4.8		4.8	7.5	12.3
108	Orchid, western prairie fringed	T	68.4	69.5	137.9	15.0	152.9
604	Palo colorado	E	0.5	1.0	1.5		1.5
604	Palo de jazmin	E	0.5	1.0	1.5		1.5
585	Palo de Nigua	E	2.0		2.0	0.1	2.1
587	Palo de Ramon	E	2.0		2.0		2.0
557	Pamakani	E	1.3	2.0	3.3		3.3
341	Panicgrass, Carter's	E	16.0		16.0		16.0
680	Paupaw, beautiful	E					
677	Paupaw, four-petal	E				0.1	0.1
415	Paupaw, Rugel's	E	11.0		11.0		11.0
520	Pelos del diablo	E	5.0		5.0	0.1	5.1
390	Pennyroyal, McKittrick	T	2.5	4.7	7.2	5.5	12.7
382	Pennyroyal, Todsen's	E	9.2	2.1	11.3	2.0	13.3
203	Penstemon, blowout	E	25.1	12.5	37.6	4.5	42.1
636	Peperomia, Wheeler's	E	1.0		1.0	0.1	1.1
238	Phacelia, clay	E	10.2	21.0	31.2		31.2
548	Phacelia, North Park	E	0.2	3.5	3.7		3.7
259	Phlox, Texas trailing	E	22.0		22.0	5.5	27.5
647	Phyllostegia glabra var. lanaiensis (=Sci. name)	E	1.0		1.0		1.0
612	Phyllostegia mollis (=Sci. name)	E	1.3		1.3		1.3
265	Pink, swamp	T	4.8	15.5	20.3	5.6	25.9
525	Pinkroot, gentian	E	5.0		5.0		5.0

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
516	Pitaya, Davis' green	E				5.5	5.5
519	Pitcher-plant, Alabama canebrake	E	2.0	3.4	5.4		5.4
233	Pitcher-plant, green	E	15.0	5.3	20.3	12.3	32.6
680	Pitcher-plant, mountain sweet	E					
222	Plum, scrub	E				35.0	35.0
548	Poa siphonoglossa (=Sci. name)	E	3.7		3.7		3.7
159	Pogonia, small whorled	E	21.8	38.0	59.8	7.4	67.2
680	Polygala, tiny	E					
157	Pondberry	E	14.0	33.6	47.6	20.3	67.9
610	Pondweed, Little Aguja Creek	E	1.4		1.4		1.4
252	Poppy, Sacramento prickly	E	5.5	21.3	26.8	1.7	28.5
451	Poppy-mallow, Texas	E	2.6	0.5	3.1	5.5	8.6
228	Potato-bean, Price's	T	12.0	10.0	22.0	12.5	34.5
377	Prairie-clover, leafy	E	9.0	4.0	13.0	0.5	13.5
678	Prickly-apple, fragrant	E				0.1	0.1
520	Prickly-ash, St. Thomas	E	5.0		5.0	0.1	5.1
587	Primrose, Maguire	T	2.0		2.0		2.0
463	Quillwort, black spored	E		5.5	5.5	2.5	8.0
499	Quillwort, mat-forming	E		5.0	5.0	1.0	6.0
582	Rattleweed, hairy	E	2.0		2.0	0.2	2.2
458	Reed-mustard, Barneby	E	3.3	5.0	8.3		8.3
530	Reed-mustard, clay	T	1.8	3.0	4.8		4.8
680	Remya, Maui	E					
529	Remya kauaiensis (=Sci. name)	E	2.8	2.0	4.8		4.8
569	Remya montgomeryi (=Sci. name)	E	2.8		2.8		2.8
673	Rhododendron, Chapman	E		0.4	0.4		0.4
444	Ridge-cress (=pepper-cress), Barneby	E	7.2	2.0	9.2		9.2
461	Rock-cress, McDonald's	E	0.4	7.7	8.1		8.1
378	Rock-cress, shale barren	E	5.5	2.5	8.0	5.4	13.4
520	Rosa, palo de	E	5.0		5.0	0.1	5.1
680	Rosemary, Cumberland	T					
376	Roseroot, Leedy's	T	12.9		12.9	0.7	13.5
454	Rush-pea, slender	E	2.5	0.5	3.0	5.5	8.5
566	Sandalwood, Lanai or 'iliahī	E	3.0		3.0		3.0
383	Sandwort, Cumberland	E		1.0	1.0	12.3	13.3
221	Sand-verbena, large-fruited	E	24.5		24.5	10.9	35.4
612	Sanicula maritima (=Sci. name)	E	1.3		1.3		1.3
341	Schiedea, Diamond Head	E	16.0		16.0		16.0
675	Schiedea haleakalensis (=Sci. name)	E	0.2		0.2		0.2
557	Schiedea kaalae (=Sci. name)	E	1.3	2.0	3.3		3.3
481	Schoepfia arenaria (=Sci. name)	E	7.0		7.0	0.1	7.1
581	Sedge, Navajo	T	0.8	1.4	2.2		2.2
557	Silene perlmanii (=Sci. name)	E	1.3	2.0	3.3		3.3
638	Silversword, Haleakala ('ahinahina)	T	1.1		1.1		1.1
142	Silversword, 'Ahinahina Mauna Kea	E	79.0		79.0		79.0
422	Skullcap, Florida	T		10.4	10.4		10.4
262	Skullcap, large-flowered	E		14.4	14.4	12.3	26.7
680	Snakeroot	E					
492	Snowbells, Texas	E				6.5	6.5
599	Spineflower, Howell's	E	1.9		1.9		1.9

Table 1 - Species Expenditures

RANK	SPECIES (50 CFR Part 17)	STATUS	FWS TOTAL	OTHER FED	FED TOTAL	STATES TOTAL	SPECIES TOTAL
222	Spineflower, slender-horned	E		35.0	35.0		35.0
599	Spineflower, Sonoma	E	1.9		1.9		1.9
230	Spiraea, Virginia	T	14.7	3.4	18.0	16.0	34.0
59	Spurge, deltoid	E				556.7	556.7
680	Spurge, Garber's	T					
664	Spurge, telephus	T		0.5	0.5		0.5
402	Stenogyne, narrow-leaved	E	8.0	3.9	11.9		11.9
544	Stenogyne campanulata (=Sci. name)	E	3.8		3.8		3.8
499	Stenogyne kanehoana (=Sci. name)	E	6.0		6.0		6.0
91	Sumac, Michaux's	E	5.0	204.0	209.0	0.1	209.1
471	Sunflower, Schweinitz's	E	3.0	3.7	6.7	1.0	7.7
292	Sunray, Ash Meadows	T	21.9		21.9		21.9
389	Sunshine, Sonoma (=Stickyseed, Baker's)	E	12.9		12.9		12.9
664	Ternstroemia subaessilis (=Sci. name)	E	0.5		0.5		0.5
612	Tetramolopium filiforme (=Sci. name)	E	1.3		1.3		1.3
557	Tetramolopium leptodum spp. leptodum (=Sci. name)	E	1.3	2.0	3.3		3.3
647	Tetramolopium renyi (=Sci. name)	E	1.0		1.0		1.0
168	Thistle, Pitcher's	T	6.2	18.3	24.5	38.0	62.5
202	Thistle, Sacramento Mountains	T	5.2	36.9	42.1		42.1
680	Thormint, San Mateo	E					
365	Torreya, Florida	E	7.0	0.9	7.9	6.4	14.3
487	Townsendia, Last Chance	T	4.9	2.0	6.9		6.9
222	Tree, pygmy fringe	E				35.0	35.0
455	Trillium, persistent	E	1.8	5.4	7.2	1.2	8.4
493	Trillium, relict	E	1.7	3.1	4.8	1.6	6.4
478	Twinpod, Dudley Bluffs	T	5.2	2.0	7.2		7.2
280	Uhiuhi	E	21.2	2.0	23.2		23.2
250	Vetch, Hawaiian	E	9.3		9.3	19.5	28.8
612	Viola helense (=Sci. name)	E	1.3		1.3		1.3
647	Viola laneiensis (=Sci. name)	E	1.0		1.0		1.0
610	Wallflower, Contra Costa	E	1.4		1.4		1.4
507	Wallflower, Menzies'	E	1.9	4.0	5.9		5.9
664	Wares, wide-leaf	E				0.5	0.5
664	Water-plantain, Kral's	T		0.5	0.5		0.5
680	Water-willow, Cooley's	E					
647	Wauae'iole	E	1.0		1.0		1.0
222	Whitlow-wort, papery	T				35.0	35.0
582	Wild-buckwheat, clay-loving	E	0.2	2.0	2.2		2.2
658	Wild-buckwheat, gypsum	T	0.5	0.4	0.9		0.9
219	Wild-rice, Texas	E	28.0	0.5	28.5	8.0	36.5
680	Wireweed	E					
317	Wire-lettuce, Malheur	E	8.9	10.0	18.9		18.9
163	Woolly-star, Hoover's	T	9.6	55.0	64.6		64.6
176	Woolly-star, Santa Ana River	E	5.0	53.0	58.0		58.0
147	Wooly-threads, San Joaquin	E	8.6	67.0	75.6		75.6
544	Xylosma crenatum (=Sci. name)	E	3.8		3.8		3.8
680	Ziziphus, florida	E					
PLANTS subtotals		species: 352	\$2,574.1	\$2,302.7	\$4,876.8	\$1,434.4	\$6,311.3
TOTALS		species: 728	\$55,068.8	\$104,991.4	\$160,060.3	\$131,450.7	\$291,510.9