

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Salamander, California tiger	Ambystoma californiense	amphibians	76.508	52.968	100	50	63	0	0	110	0	0	0	0	0	0	0
Salamander, flatwoods	Ambystoma cingulatum	amphibians	127.0815	107.597	250.438	107.585	111	45.1	80.9	72	107	10.5	0	0	0	0	0
Salamander, Sonoran tiger	Ambystoma tigrinum stebbinsi	amphibians	10	25	5	5	85	15	59.2	10	10	18.2	0	0	0	0	0
Toad, Arroyo Southwestern	Bufo microscaphus californicus	amphibians	564.6402	125	484.9	341.085	219.3	500	250.3	128.7	281.5	354.9	482.8	197.7	5	62.5	0
Salamander, San Marcos	Eurycea nana	amphibians	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Frog, California Red-legged	Rana aurora draytonii	amphibians	58.496	77.727	147.28	20	198.1	87.5	45.4	210	71	89.7	18.7	0	0	3.5	0
Frog, Mississippi gopher	Rana capito sevosia	amphibians	0	0	0	0	1.2	0	0	0	0	0	0	0	0	0	0
Toad, Orchid (NEI)	unknown	amphibians	0	0	0	0	0	0	0	0	0	57.1	0	0	0	0	0
Spider, Madia's Cave	Cicurina madia	arachnids	240	150	215	100	50	200	60	50	150	0	0	0	0	0	0
Harvestman, Robber Baron	Texella cokendolpheri	arachnids	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0
Harvestman, Bee Creek Cave	Texella reddelli	arachnids	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0
Harvestman, Bone Cave	Texella reyesi	arachnids	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0
Swiflet, Mariana Gray	Aerodramus vanikorensis bartschi	birds	126.1	200.44832	0	114	111.776	103.5	103.5	40	0	110	0	10	60	0	0
Blackbird, Yellow-Shouldered	Agelaius xanthomus	birds	0	0	0	0	79.073	0	0	10	60	0	2	15	30	0	0
Sparrow, Florida Grasshopper	Ammodramus savannarum floridanus	birds	165.445	236	134.544	158	98	168	0	26.5	134	41	68	103	190	165	53
Sparrow, San Clemente Sage	Amphispiza belli clementeae	birds	74.78167	126.822225	156.388	156.388	82.755	63.52	135.866	45.5	44.6	41.1	0	1.6	0	45	0
Duck, Hawaiian	Anas wyvilliana	birds	37.1944	31.6031	85.65	31.9	75.85	16.166	16.166	21.75	103.712	2.1	17.6	44.5	21	4	1
Jay, Florida Scrub	Aphelocoma coerulescens	birds	861.02	818	1012.544	424	649.4	546.3	922	765	711	222	277	214	400	247	242
Owl, Burrowing (NL)	Athens cucularia	birds	0	0	0	0	75	0	0	0	0	0	0	0	0	0	0
Murrelet, Marbled	Brachyramphus marmoratus	birds	76	0	0	350	0	0	3.25	0	148.2	0	0.6	0	20.9	2.2	4
Goose, Hawaiian (Nene)	Branta (=Nesochen) sandwichensis	birds	506.08	227.102	22.15	2	7.3	69.5	15.4	0	0	0	0	0	0	0	0
Hawk, Ferruginous	Buteo regalis	birds	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Hawk, Hawaiian	Buteo solitarius	birds	0	5	40	2	45	68.5	19.8	6.1	0	0	0	5	0	0	0
Plover, Western Snowy	Charadrius alexandrinus nivosus	birds	1279.15623	906.2016	1081.662	1454.945	1772.127	949.114	1118.288	774	431.455	283.9	141.3	188.8	222	171.9	324.2
Plover, piping	Charadrius melodus	birds	72.1	73.843	46.4	11.1	40.773	1.5	3.7	8.6	3.8	2	1	9	3	12.5	0
Plover, Mountain	Charadrius montanus	birds	0	0	0	0	0	0	131.5	8.6	0.7	0	33.5	0	0	0	0
Elepaio, Oahu	Chasiempis sandwichensis ibidis	birds	133.57495	241.545	197.852	19	180.236	79.6	37.74	28.6	233.1	0	29.1	0	0	0	0
None	Colinus virginianus ridgwayi	birds	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0
Pigeon, Puerto Rico plain	Columba inornata wetmorei	birds	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0
Pigeon, Azores wood	Columba palumbus azorica	birds	0	0	60.5	0	0	0	0	0	0	0	0	0	0	0	0
Crow, Mariana	Corvus kubaryi	birds	100	818	300	55	106	200	103.9	0	20	18	12	11	22	8	438.8
Warbler, Golden-Cheeked	Dendroica chrysoparia	birds	600	833	625	600	2137	1121	2554	1364	1304.5	736	736	758	499	271.5	12.5
Warbler, Kirtland's	Dendroica kirtlandii	birds	5.5	0	0	0	0	0	0	0	5529.4	0	0	0	0	90	0
Flycatcher, Southwestern Willow	Empidonax traillii eximius	birds	668.76661	536.202	719.207	816.3	743.86	953	1094.4	738.2	1925.812	182.8	1458.5	333.8	70.7	83.5	62
Falcon, Northern Aplomado	Falco femoralis septentrionalis	birds	287	334.3	452	263.938	212.439	226	145	250.8	576	62	299.5	72	130	105.5	21
Falcon, American Peregrine (DM)	Falco peregrinus anatum	birds	0	0	0	0	0	0	0	0	316	218.4	514.5	404.1	172.2	491	125.8
Falcon, Arctic peregrine (DM)	Falco peregrinus tundrius	birds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
Coot, Hawaiian	Fulica americana alai	birds	23.7944	49.7	85.65	32.45	38.65	20.666	16.166	21.75	104.212	10	17.6	46	7.5	7.5	66
Moorhen, Mariana common	Gallinula chloropus guami	birds	36.938	3.4	33.4	22.3	56.5	70	15	71.608	100.7	265	17	26	15.5	22.5	21
Gallinule, Hawaiian (Moorhen)	Gallinula chloropus sandwicensis	birds	20.3944	11.87728	39.15	16.65	17.85	3.299	58.299	6.75	0	10	0.6	65	20	2	65
Owl, Cactus Ferruginous Pygmy (DO)	Glaucidium brasilianum cactorum	birds	0	0	0	0	25	86	176.5	316	305.8	10	1	57	43	0	0
Crane, whooping	Grus americana	birds	0	53.299	0	0	0	0	0	40.1	1.2	0	0	6	0	0.5	0
Condor, California	Gymnogyps californianus	birds	161.443	25	25	40	15	5	0	0.3	1.8	0	0	0	0	0	0
Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	birds	0	0	50	55	0	0	0	0	0	0	0	0	0	0	0
Eagle, Bald***	Haliaeetus leucocephalus	birds	986.386	2684.2755	3119.023	3377.254	1103.883	719.127	615.723	741.1	949.4	438.88	598.8	783.7	1395.7	352.4	168.9
Akiapola'au (Honey Creeper)	Hemignathus munroi	birds	0	0	0	0	0	65.5	15.4	0	0	0	0	0	0	0	0
Stilt, Hawaiian	Himantopus mexicanus knudseni	birds	37.1944	18.7	85.75	31.85	38.65	19.5	28.699	49.55	20.012	546.6	112.6	85	777	760.5	642
Shrike, San Clemente loggerhead	Lanius ludovicianus mearnsi	birds	1984.151	2388.542225	1739.708	1739.708	2317.755	2549.222	371.139	2491	2457.15	2400	1320	693.5	556.6	735.1	619.4
Palila	Loxioides bailleui	birds	0	217.102	231.588	64.3	20	65.5	450	720.9	1205.5	0	0	1020	57	120	0
Megapode, Micronesian	Megapodius laperouse	birds	15.138	107	0	0	110.4	0	200	100	0	117.9	0	20	0	5	10
Monarch, Tinian (DM)	Monarcha takatsukasae	birds	0	0	0	0	0	0	0	0	0	1.3	0	0	0	25	70
Stork, Wood	Mycteria americana	birds	10.495	15.80753	45.704	44.457	17	10	1.6	1.65	4.5	26.2	118.8	41.3	32	41.5	56.6
Curlew, Eskimo	Numenius borealis	birds	91	131	44	35	1.2	70.5	0	150	0	0	0	0	0	13	4
Curlew, Bristle-thighed	Numenius tahitiensis	birds	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Osprey	Pandion haliaetus	birds	0	0	0	0	0	0	0	0	23	23	0	0	0	0	0
Creeper, Oahu	Paroreomyza maculata	birds	0	0	0	0	0	0	0	0	59.5	9	12.4	0	0	0	25
Pelican, Brown***	Pelecanus occidentalis	birds	307.16464	17.078	95.507	97.55	299.414	119	128.65	81	116.5	66	2	0	0	0	0
None	Phoebastria albatrus	birds	0	0	0.267	0	0	0	0	0	0	0	0	0	0	0	0
Woodpecker, Red Cockaded	Picoides borealis	birds	13259.0365	9713.578	8393.488	6870.734	6852.8	6227.3	4269.554	6148.9	3081.358	6187.1	6126.4	5089.8	6697.3	3755.2	3960.3
Towhee, Inyo California	Pipilo crissalis eremophilus	birds	25.098	0	40	0	15	0	0	35	0	0	35.5	0	0	0	0
Gnatcatcher, California	Piploptila californica californica	birds	679.98708	39.316	873.599	140.561	120.714	307.9	138.1	81.1	230.5	2285.3	1501.7	579.3	273	150.5	472.7
Caracara, Audubon's Crested	Polyborus plancus audubonii	birds	0	95	0	0	1.2	1.5	0	0	0	0	0	0	90	68	68
Eider, Steller's	Polysticta stelleri	birds	0	21.4	35	0	25	25	0	4	0	0	0	0	0	0	0
Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	birds	0	0	0	0	138	65.5	15.4	0	0	0	0	0	0	0	0
Shearwater, Newell's Townsend's	Puffinus auricularis newelli	birds	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Salamander, California tiger	Ambystoma californiense	amphibians	0	0	0	452.476
Salamander, flatwoods	Ambystoma cingulatum	amphibians	0	0	0	1019.2015
Salamander, Sonoran tiger	Ambystoma tigrinum stebbinsi	amphibians	0	0	0	242.4
Toad, Arroyo Southwestern	Bufo microscaphus californicus	amphibians	0	0	0	3998.3252
Salamander, San Marcos	Eurycea nana	amphibians	0	0	0	3.7
Frog, California Red-legged	Rana aurora draytonii	amphibians	0	0	0	1027.403
Frog, Mississippi gopher	Rana capito sevosa	amphibians	0	0	0	1.2
Toad, Orchid (NEI)	unknown	amphibians	0	0	0	57.1
Spider, Madia's Cave	Cicurina madia	arachnids	0	0	0	1215
Harvestman, Robber Baron	Texella cokendolpheri	arachnids	0	0	0	31
Harvestman, Bee Creek Cave	Texella reddelli	arachnids	0	0	0	31
Harvestman, Bone Cave	Texella reyesi	arachnids	0	0	0	31
Swiftlet, Mariana Gray	Aerodramus vanikorensis bartschi	birds	0	0	0	979.32432
Blackbird, Yellow-Shouldered	Agelaius xanthomus	birds	0	0	50	246.073
Sparrow, Florida Grasshopper	Ammodramus savannarum floridanus	birds	70	25	0	1835.489
Sparrow, San Clemente Sage	Amphispiza belli clementeae	birds	5	0	6	985.320895
Duck, Hawaiian	Anas wyvilliana	birds	0	2.5	0	512.6915
Jay, Florida Scrub	Aphelocoma coerulescens	birds	185	25	75	8596.264
Owl, Burrowing (NL)	Athens cucularia	birds	0	0	0	75
Murrelet, Marbled	Brachyramphus marmoratus	birds	10	30	0	645.15
Goose, Hawaiian (Nene)	Branta (=Nesochen) sandvicensis	birds	0	0	0	849.532
Hawk, Ferruginous	Buteo regalis	birds	0	0	0	2
Hawk, Hawaiian	Buteo solitarius	birds	0	0	0	191.4
Plover, Western Snowy	Charadrius alexandrinus nivosus	birds	65	0	0	11164.04883
Plover, piping	Charadrius melodus	birds	0	0	0	289.316
Plover, Mountain	Charadrius montanus	birds	0	0	0	174.3
Elepaio, Oahu	Chasiempis sandwichensis ibidis	birds	0	0	0	1180.34795
None	Colinus virginianus ridgwayi	birds	0	0	0	2.5
Pigeon, Puerto Rico plain	Columba inornata wetmorei	birds	0	0	0	14
Pigeon, Azores wood	Columba palumbus azorica	birds	0	0	0	60.5
Crow, Mariana	Corvus kubaryi	birds	38	45	50	2345.7
Warbler, Golden-Cheeked	Dendroica chrysoparia	birds	218.8	125.5	202.5	14698.3
Warbler, Kirtland's	Dendroica kirtlandii	birds	0	1.3	1.3	5627.5
Flycatcher, Southwestern Willow	Empidonax traillii extimus	birds	0	0	0	10387.04761
Falcon, Northern Aplomado	Falco femoralis septentrionalis	birds	44.1	42.5	3.7	3527.777
Falcon, American Peregrine (DM)	Falco peregrinus anatum	birds	86.6	4.4	4.4	2337.4
Falcon, Arctic peregrine (DM)	Falco peregrinus tundrius	birds	0.8	0.8	0	1.7
Coot, Hawaiian	Fulica americana alai	birds	2.3	2.5	0	552.4384
Moorhen, Mariana common	Gallinula chloropus guami	birds	5	2.5	2	786.346
Gallinule, Hawaiian (Moorhen)	Gallinula chloropus sandvicensis	birds	2.3	2.5	0	341.66968
Owl, Cactus Ferruginous Pygmy (DO)	Glaucidium brasilianum cactorum	birds	0	0	0	1020.3
Crane, whooping	Grus americana	birds	10.2	1	1	113.299
Condor, California	Gymnogyps californianus	birds	0	0	0	273.543
Kingfisher, Guam Micronesian	Halcyon cinnamomina cinnamomina	birds	0	0	0	105
Eagle, Bald***	Haliaeetus leucocephalus	birds	118.6	217.7	223.6	18594.4515
Akiapola'au (Honey Creeper)	Hemignathus munroi	birds	0	0	0	80.9
Stilt, Hawaiian	Himantopus mexicanus knudseni	birds	766	128.5	126	4274.1054
Shrike, San Clemente loggerhead	Lanius ludovicianus mearnsi	birds	345	346	81	25134.97523
Palila	Loxioides bailleui	birds	0	0	0	4171.89
Megapode, Micronesian	Megapodius laperouse	birds	0	0	0	685.438
Monarch, Tinian (DM)	Monarcha takatsukasae	birds	5	0.5	2	103.8
Stork, Wood	Mycteria americana	birds	1.3	0	0.2	469.11353
Curlew, Eskimo	Numenius borealis	birds	0	6	1	546.7
Curlew, Bristle-thighed	Numenius tahitiensis	birds	0	0	0	2
Osprey	Pandion haliaetus	birds	0	0	0	46
Creeper, Oahu	Paroreomyza maculata	birds	0	0	1	106.9
Pelican, Brown***	Pelecanus occidentalis	birds	3.4	1.5	8	1342.76364
None	Phoebastria albatrus	birds	0	0	0	0.267
Woodpecker, Red Cockaded	Picoides borealis	birds	2988.9	3656.5	2310.8	105589.0485
Towhee, Inyo California	Pipilo crissalis eremophilus	birds	0	0	0	150.598
Gnatcatcher, California	Polioptila californica californica	birds	403	0	0	8277.27708
Caracara, Audubon's Crested	Polyborus plancus audubonii	birds	150	0	0	473.7
Eider, Steller's	Polysticta stelleri	birds	0	0	0	110.4
Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	birds	0	0	0	218.9
Shearwater, Newell's Townsend's	Puffinus auricularis newelli	birds	0	0	0	5

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Rail, Light-Footed Clapper	Rallus longirostris levipetes	birds	263.62298	0	244.2	110.395	144.5	5.9	10.424	110	109.17	22.3	8.3	0	0	0	0
Rail, California Clapper	Rallus longirostris obsoletus	birds	0	0	0	0	4.5	0	0	80	0	11.4	10	0	0	0	10
Rail, Guam	Rallus owstoni	birds	100	60	50	55	106	82	103.9	155	210	0	0	0	0	0	0
Eider, spectacled	Somateria fischeri	birds	0	21.4	35	0	62.5	45	0	4	123	0	0	0	0	13	0
Tern, Least	Sterna antillarum	birds	48.1														
Tern, California Least	Sterna antillarum browni	birds	984.88256	567.666	874.82364	1231.853	1219.752	411.8	406.1	706.6	642.644	591	627.4	639.8	737.7	750.8	637
Tern, roseate	Sterna dougallii dougallii	birds	10	10	5	0	0	1.5	0	0	0	0	0	0	0	0	0
Owl, Northern Spotted	Strix occidentalis caurina	birds	100	50	50	0	0	33	35	0	1.5	80	86.4	143.2	0	0	0
Owl, Mexican Spotted	Strix occidentalis lucida	birds	170	480.989	599.895	3126.828	3052.357	3114.5	4194.5	3188.8	1202.5	151.38	204.8	257.5	161.9	697.4	133
Warbler (=wood), Bachman's	Vermivora bachmanii	birds	0	0	0	0	1.2	1.5	0	0	0	0	0	0	0	0	0
Vireo, Black-Capped	Vireo atricapilla	birds	796.143	863.719	1032.888	746.2	2135.8	1202	2629.9	1433	1424	974	974	814	601	359	217.5
Vireo, Least Bell's	Vireo bellii pusillus	birds	803.46875	71.7	452.3	276.065	231.18	558.953	243.793	173.7	197.8	168.3	1329.2	520.8	847.5	184.5	96
Mussel, Dwarf/wedge	Alasmidonta heterodon	clams	0	0	0	0	0	0	0	0	0	0	6.4	0.3	0	0	3
Clam, Fanshell	Cyprogenia stegaria	clams	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearlymussel, dromedary	Dromus dromas	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Riffleshell, tan	Epioblasma florentina walkeri	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Pearlymussel, pink mucket	Lampsilis abrupta	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Pearlymussel, Higgin's eye	Lampsilis higginsii	clams	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0
Mussel, ring pink	Obovaria retusa	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Pigtoe, cumberland	Pleurobema gibberum	clams	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Pigtoe, rough	Pleurobema plenum	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Clam, fat pocketbook	Potamilus capax	clams	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Mussel, winged maple	Quadrula fragosa	clams	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Shrimp, Vernal Pool Fairy	Branchinecta lynchi	crustaceans	279.508	362.472	396.55	323.8	336.9	254	427.4	171.5	393	234	85	152	57.2	647	0
Shrimp, San Diego Fairy	Branchinecta sandiegonensis	crustaceans	158.03875	20.5	289.6	106.5	144.9	121.4	65.8	299	68.05	376.6	83.5	189.8	33	33.5	20
Shrimp, Tadpole	Lepidurus packardii	crustaceans	152	135	112.55	153.7	132.5	75	0	40.5	219	0	20	68	0	0	0
Shrimp, Alabama Cave	Palaemonias alabamiae	crustaceans	45.833	27.232	100.11	48.8	29.7	53.5	0	55	55	29.5	20	0	40	30	30
Shrimp, Riverside Fairy	Streptocephalus woottoni	crustaceans	30	28	284.1	90.4	32.5	121.4	55.2	28.9	25.6	51.1	54.7	113.8	3.5	3.5	70
Amphipod, Peck's Cave	Stygobromus pecki	crustaceans	0	131	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp, California Freshwater	Syncares pacifica	crustaceans	0	0	0	0	0	0	0	0	0	0	0	0	359	359	0
Shrimp, Fairy	various	crustaceans	42	0	0	0	0	0	0	0	0	0	291	0	0	0	0
None	Asplenium fragile var. insulare	ferns and allies	449	217.102	231.588	64.3	20	65.5	15.4	18.3	0	0	0	0	0	0	0
None	Diellia falcata	ferns and allies	0	42.438	0	20.66	97.8	65.5	30	28.2	67.4	14.5	14.3	0	0	0	10
Ihii	Marsilea villosa	ferns and allies	2.40741	0	15	15	18	18	0	0	0	0	0	0	1	1	0
Wawae'iole	Phlegmariurus nutans	ferns and allies	8.7	42.438	45.862	19.1	33.4	65.5	10	13.5	5.7	4.5	4.5	0	1.4	0	0
Sturgeon, Short-Nosed	Acipenser brevirostrum	fishes	8.433	6.392	78.352	24.5	53.5	0	112	0.1	75	14.6	21.2	139.2	15.5	0	0
Sturgeon, North American Green	Acipenser medirostris	fishes	25.504	10.928	0	0	0	0	0	0	0	0	0	0	0	0	0
Sturgeon, Gulf	Acipenser oxyrinchus desotai	fishes	718.415	258	488.158	40	40	0	40	40	0	0	0	0	0	0	0
Cavefish, Ozark	Amblyopsis rosae	fishes	0	0	0	0	0	0	0	0	0	0	0	0	10	12	0
Shiner, blue	Cyprinella caerulea	fishes	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4	0
Darter, Arkansas (C)	Etheostoma cragini	fishes	0	0	0	0	0	0	15.7	0	0	0	7.1	0	0	0	0
Darter, Fountain	Etheostoma fonticola	fishes	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Darter, Okaloosa	Etheostoma okaloosae	fishes	210.01	536	117.715	889.652	749	281	557	865	763	984	718	481	280	1289	695
Goby, Tidewater	Eucyclogobius newberryi	fishes	89.9	2085.7	127.3	201.9	45	85.5	152.2	174.8	84.9	100	0	41.5	19	0	75
Gambusia, San Marcos	Gambusia georgei	fishes	0	3.719	0	0	0	0	0	0	0	0	0	0	0	0	0
Stickleback, Unarmored Threespine	Gasterosteus aculeatus williamsoni	fishes	0	0.5	0	2	2	10	0	0	0	0	0	0	0	0	0
Chub, Mohave Tui	Gila bicolor mohavensis	fishes	56.1	0	50	0	65	80.414	96.5	40	0	0	0	50	0	0	0
Smelt, delta	Hypomesus transpacificus	fishes	25.504	10.928	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Spikedace	Meda fulgida	fishes	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Shiner, Topeka	Notropis topeka	fishes	74	93	20	23.2	17.5	35	2.5	73	8.5	10	4	0	0	0	0
Trout, Greenback Cutthroat	Oncorhynchus clarki stomias	fishes	0	21.4	0	0	0	20.5	21.3	0.5	15.1	75	14.6	18	7	2	0
Salmon, Chum	Oncorhynchus keta	fishes	0	50	40	350	0	0	3.4	67.227	26	0	0	0	0	0	0
Trout, Steelhead	Oncorhynchus mykiss	fishes	183.358	88.254	28.272	64.3	2	55	47.9	101.6	1	95	0	0	0	24	0
Salmon, Chinook	Oncorhynchus tshawytscha	fishes	100.152	138.398	143.043	370	440	0	9.995	0	0	0	0	0	0	0	0
Logperch, Roanoke	Percina rex	fishes	0	12.59	49.74	0	50	50	0	16.7	0	0	0	0	0	0	0
Trout, Bull	Salvelinus confluentus	fishes	57.343	53.199	40.229	420	440	0	9.995	0	0	0	0	0	0	0	0
Sturgeon, Pallid	Scaphirhynchus albus	fishes	0	30	0	36	0	0	0	0	1	0	0	0	0	0	0
Minnow, Loach	Tiaroga cobitis	fishes	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Beetle, Northeast Beach Tiger	Cicindela dorsalis dorsalis	insects	27.2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	insects	0	0	1.4	4.5	0.9	0	276.7	12	38	0	0	0	0	0	0
Pomace Fly, (no common name)	Drosophila montgomeryi	insects	8.729	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomace Fly, (no common name)	Drosophila substenoptera	insects	8.729	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Butterfly, El Segundo blue	Euphilotes battoides allyni	insects	102.784	150	46	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Rail, Light-Footed Clapper	Rallus longirostris levipes	birds	0	2.5	21	1052.31198
Rail, California Clapper	Rallus longirostris obsoletus	birds	0	0	2	117.9
Rail, Guam	Rallus owstoni	birds	0	0	0	921.9
Eider, spectacled	Somateria fischeri	birds	0	0	0	303.9
Tern, Least	Sterna antillarum	birds				48.1
Tern, California Least	Sterna antillarum browni	birds	440	479	625.7	12574.5212
Tern, roseate	Sterna dougallii dougallii	birds	0	0	1	27.5
Owl, Northern Spotted	Strix occidentalis caurina	birds	305	118	118	1120.1
Owl, Mexican Spotted	Strix occidentalis lucida	birds	83.5	3	0	20822.849
Warbler (=wood), Bachman's	Vermivora bachmanii	birds	0	0	0	2.7
Vireo, Black-Capped	Vireo atricapilla	birds	215.8	202	306	16926.95
Vireo, Least Bell's	Vireo bellii pusillus	birds	50	58	250	6513.25975
Mussel, Dwarfwedge	Alasmidonta heterodon	clams	0	0	0	9.7
Clam, Fanshell	Cyprogenia stegaria	clams	0.6	0	0	0.6
Pearlymussel, dromedary	Dromus dromas	clams	0	0	0	15.9
Riffleshell, tan	Epioblasma florentina walkeri	clams	0	0	0	15.9
Pearlymussel, pink mucket	Lampsilis abrupta	clams	0	0	0	15.9
Pearlymussel, Higgin's eye	Lampsilis higginsii	clams	0	0	0	0.1
Mussel, ring pink	Obovaria retusa	clams	0	0	0	15.9
Pearlymussel, orange-foot pimpleback	Plethobasus cooperianus	clams	0	0	0	15.9
Pigtoe, cumberland	Pleurobema gibberum	clams	0	0	0	1
Pigtoe, rough	Pleurobema plenum	clams	0	0	0	15.9
Clam, fat pocketbook	Potamilus capax	clams	2	0	0	6
Mussel, winged maple	Quadrula fragosa	clams	0	0	0	15.9
Shrimp, Vernal Pool Fairy	Branchinecta lynchi	crustaceans	0	0	0	4120.33
Shrimp, San Diego Fairy	Branchinecta sandiegonensis	crustaceans	0	0	0	2010.18875
Shrimp, Tadpole	Lepidurus packardi	crustaceans	0	0	0	1108.25
Shrimp, Alabama Cave	Palaemonias alabamiae	crustaceans	70	140	0	774.675
Shrimp, Riverside Fairy	Streptocephalus woottoni	crustaceans	0	0	0	992.7
Amphipod, Peck's Cave	Stygobromus pecki	crustaceans	0	0	0	131
Shrimp, California Freshwater	Syncaris pacifica	crustaceans	0	0	0	718
Shrimp, Fairy	various	crustaceans	0	0	0	333
None	Asplenium fragile var. insulare	ferns and allies	0	0	0	1081.19
None	Diellia falcata	ferns and allies	0	0	0	390.798
Ihī ihī	Marsilea villosa	ferns and allies	0	0	0	70.40741
Wawae'iole	Phlegmariurus nutans	ferns and allies	0	0	0	254.6
Sturgeon, Short-Nosed	Acipenser brevirostrum	fishes	95.7	4.5	0	648.977
Sturgeon, North American Green	Acipenser medirostris	fishes	0	0	0	36.432
Sturgeon, Gulf	Acipenser oxyrinchus desotoi	fishes	0	0	0	1624.573
Cavefish, Ozark	Amblyopsis rosae	fishes	0	0	0	22
Shiner, blue	Cyprinella caerulea	fishes	0	0	0	1.4
Darter, Arkansas (C)	Etheostoma cragini	fishes	0	0	0	22.8
Darter, Fountain	Etheostoma fonticola	fishes	0	0	0	2
Darter, Okaloosa	Etheostoma okaloosae	fishes	485	287	4	10191.377
Goby, Tidewater	Eucyclogobius newberryi	fishes	15	0	0	3297.7
Gambusia, San Marcos	Gambusia georgei	fishes	0	0	0	3.719
Stickleback, Unarmored Threespine	Gasterosteus aculeatus williamsoni	fishes	0	160	0	174.5
Chub, Mohave Tui	Gila bicolor mohavensis	fishes	0	0	24	462.014
Smelt, delta	Hypomesus transpacificus	fishes	0	0	0	50.339
Spikedace	Meda fulgida	fishes	0	0	0	25
Shiner, Topeka	Notropis topeka	fishes	0	0	0	360.7
Trout, Greenback Cutthroat	Oncorhynchus clarki stomias	fishes	22	3.5	3.5	224.4
Salmon, Chum	Oncorhynchus keta	fishes	0	0	0	536.627
Trout, Steelhead	Oncorhynchus mykiss	fishes	0	0	0	690.684
Salmon, Chinook	Oncorhynchus tshawytscha	fishes	0	0	0	1201.588
Logperch, Roanoke	Percina rex	fishes	0	0	0	179.03
Trout, Bull	Salvelinus confluentus	fishes	0	0	0	1020.766
Sturgeon, Pallid	Scaphirhynchus albus	fishes	0	0	0	67
Minnnow, Loach	Tiaroga cobitis	fishes	0	0	0	25
Beetle, Northeaster Beach Tiger	Cicindela dorsalis dorsalis	insects	0	0	0	27.2045
Beetle, valley elderberry longhorn	Desmocerus californicus dimorphus	insects	0	0	0	333.5
Pomace Fly, (no common name)	Drosophila montgomeryi	insects	0	0	0	8.729
Pomace Fly, (no common name)	Drosophila substenoptera	insects	0	0	0	8.729
Butterfly, El Segundo blue	Euphilotes battoides allyni	insects	0	0	0	298.784

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Butterfly, Smith's Blue	Euphilotes enoptes smithi	insects	7.5	0	0	0	0	10	0	19.5	0	0	0	32	57	4	0
Butterfly, Quino Checkerspot	Euphydryas editha quino	insects	30	60	0	0	0	0	5	5.1	13	0	0.5	20	102	10	0
Butterfly, Palos Verdes Blue	Glaucopsyche lygdamus palosverdesensis	insects	0	0	0	150	0	0	0	0	29	0	0	0	0	45	30
Beetle, Comal Springs Riffle	Heterelmis comalensis	insects	0	21.4	0	0	0	0	0	0	0	0	0	0	0	0	0
Butterfly, Karner Blue	Lycaeides melissa samuelis	insects	175.69	127	180.5	182.5	172.2	190	102.5	139.1	102.4	84	96.3	359.6	90.7	106	70
Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	insects	225.633	129.909	149.61	138	400	40	35	0	0	0	50	10.9	39.9	12	0
Beetle, American Burying	Nicrophorus americanus	insects	327.246	150.5	64.28	184.5	58.2	43	73.4	74.7	61.7	96.7	60	39	18.6	1.3	38
Skipper, Carson Wandering	Pseudocopaeodes eunus obscurus	insects	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground beetle	Rhadine exilis	insects	240	100	150	100	50	200	60	100	0	0	0	0	0	0	0
Ground beetle	Rhadine infernalis	insects	240	100	150	100	50	200	60	0	0	0	0	0	0	0	0
Butterfly, Oregon silverspot	Speyeria zerene hippolyta	insects	1125	0	15.08	53	21	9.5	19.7	19.5	19.5	11.5	11.5	0	10.3	10	10
Beetle, Comal Springs Dryopid	Stygoparnus comalensis	insects	0	150	0	0	0	0	0	0	0	0	0	0	0	0	0
Cladonia, Florida perforate	Cladonia perforata	lichens	82.3	10	26.5	32	0	0	2	0	0	0	0	0	0	0	11
Pronghorn, Peninsular	Antilocapra americana peninsularis	mammals	0	0	0	0	231.54	0	0	0	2	0	0	0	0	0	0
Pronghorn, Sonoran	Antilocapra americana sonoriensis	mammals	561.5	1303	893.407	742.215	30	695	675	614.4	737.15	872	372	558	132	56.5	7
Whale, right	Balaena glacialis (incl. australis)	mammals	255	416.78249	2.5	1.958	0	130.584	0	23	1.25	422	221	1447	1348.8	80	160
Whale, Bowhead	Balaena mysticetus	mammals	0	101.26332	0	0	0	0	0	0	0	0	0	0	0	0	0
Whale, Minke**	Balaenoptera acutorostrata	mammals	0	0	0	0	0	0	0	7.5	0	0	0	0	0	0	0
Whale, Sei	Balaenoptera borealis	mammals	17.621	101.44252	0	0	0	0	0	11	0	0	0	0	0	0	0
Whale, Bryde's**	Balaenoptera edeni	mammals	0	0	0	0	0	0	0	7.5	0	0	0	0	0	0	0
Whale, Blue	Balaenoptera musculus	mammals	103.336	259.01244	0	0	0	0	0	0	0	0	0	0	0	0	0
Whale, Fin	Balaenoptera physalus	mammals	17.621	101.4	0	0	0	0	0	11	0	0	0	0	0	0	0
Wolf, Timber (gray)	Canis lupus	mammals	59.5	92.2	90.5	52.75	10	22	4	35.5	20.5	16	23	8	2.8	0	2
Wolf, Mexican gray	Canis lupus baileyi	mammals	0	0	0	52.75	0	0	0	0.3	0.3	0	0	13	10	4	2
Wolf, Red	Canis rufus	mammals	0	0	0	0	0	0	0	0	2.2	0	0	0	55	75	0
Prairie dog, black-tailed	Cynomys ludovicianus	mammals	10.611	0	13.907	0	0	0	0	0	0	0	0	0	0	0	16
Dolphin, Common**	Delphinus delphis	mammals	19.508	0	13.907	0	0	0	0	15	0	0	0	0	0	0	0
Kangaroo Rat, Giant	Dipodomys ingens	mammals	0	6.666	0	0	0	0	0	0	0	0	0	0	0	0	0
Rat, San Bernardino Merriam's	Dipodomys merriami parvus	mammals	0	9.569	0	14	12.5	0	0	0	1.5	0	0	0	0	0	0
Rat-Kangaroo, Fresno	Dipodomys nitratoides exilis	mammals	49	45.111	40	20	40	40	40	40	53.624	18.7	22	0	0	134	0
Rat-Kangaroo, Tipton	Dipodomys nitratoides nitratoides	mammals	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0
Kangaroo Rat, Stephens'	Dipodomys stephensi (incl. D. cascus)	mammals	406.5052	21.07	244.919	63.231	68.5	110.625	5	36.111	121.673	43.6	62.9	222.5	76.9	0	705
Otter, southern sea	Enhydra lutris nereis	mammals	108.542	11.099	33.907	20	2.5	22	1	3	0	0	0	0	0	0	0
Whale, Gray	Eschrichtius robustus	mammals	17.621	0	0	0	0	0	3.25	0	0	0	0	0	0	0	0
Sea Lion, Northern Stellar	Eumetopias jubatus	mammals	0	0	0	0	0	0	6.65	0	2	0	0	0	0	0	3
Puma, Yuma	Felis concolor browni	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.5
Ocelot	Felis pardalis	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	75	0
Jaguarundi (NEI)	Felis yagouaroundi	mammals	0	0	0	0	0	0	0	0	0	0	0	0	82.7	0	0
Whale, Pilot**	Globicephala macrorhynchus	mammals	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
Dolphin, Risso's**	Grampus griseus	mammals	0	0	0	0	0	0	0	7.5	0	0	0	0	0	0	0
Bat, Singapore Roundleaf horseshoe	Hipposideros ridleyi	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bat, Hawaiian hoary	Lasiurus cinereus semotus	mammals	449.01	225.1	271.588	68.3	73.4	68.49	49.6	36.4	5	0	0	5	0	0	0
Bat, Sanborn's long-nosed	Leptonycteris sandborni	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bat, lesser long-nosed	Leptonycteris curasoae verbabuenae	mammals	100	200.5	173	277.5	140	76	158.6	71.9	157	86.8	72	29	17	68	25
Lynx, Canada	Lynx canadensis	mammals	23.75	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Whale, Humpback	Megaptera novaeangliae	mammals	109.091	361.67721	108.955	116.656	114.2	55	120	79.5	50	0	0	0	0	0	0
Seal, Hawaiian monk	Monachus schauinslandi	mammals	39.80274	556	16.501	16.145	15.8	7.5	32.5	5.1	5	0	0	0	5	17	10
Seal, Monk	Monachus tropicalis	mammals	0	0	0	0	0	0	0	7.5	0	0	0	0	0	0	0
Ferret, Black -Footed	Mustela nigripes	mammals	0	0	0	0	0	0	0	0.1	35.9	2	0	0	0	1	0
Bat, Gray	Myotis grisescens	mammals	233.301	485.255	618.2	584.3	830.9	748.5	690.5	588.8	565.5	452.8	130.8	209.5	314.5	444	93
Bat, Indiana	Myotis sodalis	mammals	1372.996	1841.999	1616.855	618.6	959.7	738.48	746.2	549.05	603	490.9	485.9	291.5	7.2	8	12
Whale, Killer	Orcinus orca	mammals	0	101.45372	0	0	0	0	0	0	0	0	0	0	0	0	0
Rat, Silver Rice	Oryzomys palustris natator	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sheep, bighorn	Ovis canadensis	mammals	37.71	0	0	0	0	0	0	38	0	0	0	0	0	0	0
Mouse, Pacific Pocket	Perognathus longimembris pacificus	mammals	206.6	9.569	131.306	31.846	90	15.625	5	11.111	100	38.6	105	167	277.1	93	180
Mouse, Chattahoochee Beach	Peromyscus polionotus alophrys	mammals	76.375	44.311	45.061	15	8.252	0	0	0	0	0	0	0	0	0	0
Mouse, Southeastern Beach	Peromyscus polionotus niveiventris	mammals	10	10	6	0	150	150	160.1	27	19.5	19	10	15	47	50	0
Mouse, Saint Andrew Beach	Peromyscus polionotus peninsularis	mammals	76.375	44.311	45.061	15	8.252	0	0	0	0	0	0	0	0	0	0
Mouse, Perdido Key Beach	Peromyscus polionotus trisylvlepis	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Whale, Sperm	Physeter macrocephalus	mammals	0	110.42336	0	0	0	0	0	26	0	0	0	0	0	0	0
Bat, Mariana Fruit	Pteropus mariannus mariannus	mammals	5	3.24832	0	55	0	0	3.9	0	0	100	0	5	10	0	25
Bat, Little Mariana Fruit	Pteropus tokudae	mammals	0	170	300	0	0	0	0	0	0	0	0	0	0	0	0
Mouse, Salt Marsh Harvest	Reithrodontomys raviventris	mammals	0	0	0	0	10	0	0	0	43.79	11.4	10	0	30	204	40
Shrew, Dismal Swamp (DP)	Sorex longirostris fisheri	mammals	0	0	0	0	0	0	0	0	0	0	0	0	1	13	0

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Butterfly, Smith's Blue	Euphilotes enoptes smithi	insects	10	0	0	140
Butterfly, Quino Checkerspot	Euphydryas editha quino	insects	0	0	0	245.6
Butterfly, Palos Verdes Blue	Glaucopsyche lygdamus palosverdesensis	insects	0	0	0	254
Beetle, Comal Springs Riffle	Heterelmis comalensis	insects	0	0	0	21.4
Butterfly, Karner Blue	Lycaeides melissa samuelis	insects	275.9	0	0	2454.39
Butterfly, Saint Francis' satyr	Neonympha mitchellii francisci	insects	0	0	0	1230.952
Beetle, American Burying	Nicrophorus americanus	insects	10	5	5	1311.126
Skipper, Carson Wandering	Pseudocopaeodes eunus obscurus	insects	0	0	0	5
Ground beetle	Rhadine exilis	insects	0	0	0	1000
Ground beetle	Rhadine infernalis	insects	0	0	0	900
Butterfly, Oregon silverspot	Speyeria zerene hippolyta	insects	0	0	5	1340.58
Beetle, Comal Springs Dryopid	Stygoparnus comalensis	insects	0	0	0	150
Cladonia, Florida perforate	Cladonia perforata	lichens	0	0	0	163.8
Pronghorn, Peninsular	Antilocapra americana peninsularis	mammals	0	0	0	233.54
Pronghorn, Sonoran	Antilocapra americana sonoriensis	mammals	0	104.6	25	8378.772
Whale, right	Balaena glacialis (incl. australis)	mammals	15	12	0	4536.87449
Whale, Bowhead	Balaena mysticetus	mammals	0	0	0	101.26332
Whale, Minke**	Balaenoptera acutorostrata	mammals	0	0	0	7.5
Whale, Sei	Balaenoptera borealis	mammals	0	0	0	130.06352
Whale, Bryde's**	Balaenoptera edeni	mammals	0	0	0	7.5
Whale, Blue	Balaenoptera musculus	mammals	0	0	0	362.34844
Whale, Fin	Balaenoptera physalus	mammals	0	0	0	130.021
Wolf, Timber (gray)	Canis lupus	mammals	2	0	0	440.75
Wolf, Mexican gray	Canis lupus baileyi	mammals	4.3	0	0	86.65
Wolf, Red	Canis rufus	mammals	0	0	0	132.2
Prairie dog, black-tailed	Cynomys ludovicianus	mammals	0	0	0	40.518
Dolphin, Common**	Delphinus delphis	mammals	0	0	0	48.415
Kangaroo Rat, Giant	Dipodomys ingens	mammals	0	0	0	6.666
Rat, San Bernardino Merriam's	Dipodomys merriami parvus	mammals	0	0	0	37.569
Rat-Kangaroo, Fresno	Dipodomys nitratoides exilis	mammals	45	0	0	587.435
Rat-Kangaroo, Tipton	Dipodomys nitratoides nitratoides	mammals	0	50	0	70
Kangaroo Rat, Stephens'	Dipodomys stephensi (incl. D. cascus)	mammals	35	12	150	2385.5342
Otter, southern sea	Enhydra lutris nereis	mammals	0	0	0	202.048
Whale, Gray	Eschrichtius robustus	mammals	0	0	0	20.871
Sea Lion, Northern Stellar	Eumetopias jubatus	mammals	0	16	0	27.65
Puma, Yuma	Felis concolor browni	mammals	0	0	0	11.5
Ocelot	Felis pardalis	mammals	0	0	0	75
Jaguarundi (NEI)	Felis yagouaroundi	mammals	0	0	0	82.7
Whale, Pilot**	Globicephala macrorhynchus	mammals	0	0	0	15
Dolphin, Risso's**	Grampus griseus	mammals	0	0	0	7.5
Bat, Singapore Roundleaf horseshoe	Hipposideros ridleyi	mammals	0	43	22.5	65.5
Bat, Hawaiian hoary	Lasiurus cinereus semotus	mammals	0	0	0	1251.888
Bat, Sanborn's long-nosed	Leptonectris sandborni	mammals	36.7	0	0	36.7
Bat, lesser long-nosed	Leptonycteris curasoae verbabuenae	mammals	0	37.4	0	1689.7
Lynx, Canada	Lynx canadensis	mammals	0	0	0	24.75
Whale, Humpback	Megaptera novaeangliae	mammals	0	0	0	1115.07921
Seal, Hawaiian monk	Monachus schauinslandi	mammals	1	1	1	729.34874
Seal, Monk	Monachus tropicalis	mammals	0	0	0	7.5
Ferret, Black -Footed	Mustela nigripes	mammals	0	12	44.5	95.5
Bat, Gray	Myotis grisescens	mammals	18	0	45	7052.856
Bat, Indiana	Myotis sodalis	mammals	40.5	0	42.5	10425.38
Whale, Killer	Orcinus orca	mammals	0	0	0	101.45372
Rat, Silver Rice	Oryzomys palustris natator	mammals	0	0	0.2	0.2
Sheep, bighorn	Ovis canadensis	mammals	0	0	0	75.71
Mouse, Pacific Pocket	Perognathus longimembris pacificus	mammals	0	0	0	1461.757
Mouse, Chattahoochee Beach	Peromyscus polionotus allophrys	mammals	0	37.5	0	226.499
Mouse, Southeastern Beach	Peromyscus polionotus niveiventris	mammals	0	1.7	0	675.3
Mouse, Saint Andrew Beach	Peromyscus polionotus peninsularis	mammals	0	37.5	0	226.499
Mouse, Perdido Key Beach	Peromyscus polionotus trissyllepsis	mammals	0	0	0	20
Whale, Sperm	Physeter macrocephalus	mammals	0	0	0	136.42336
Bat, Mariana Fruit	Pteropus mariannus mariannus	mammals	0	45	50	302.14832
Bat, Little Mariana Fruit	Pteropus tokodae	mammals	0	0	0	470
Mouse, Salt Marsh Harvest	Reithrodontomys raviventris	mammals	55	90	377	871.19
Shrew, Dismal Swamp (DP)	Sorex longirostris fisheri	mammals	0	2	0	16

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Squirrel, Mojave Ground	Spermophilus mohavensis	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington Ground Squirrel (C)	Spermophilus washingtoni	mammals	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dolphin, Rough-toothed**	Steno bredanensis	mammals	0	0	0	0	0	0	0	7.5	0	0	0	0	0	0	0
Rabbit, Lower Key Marsh	Sylvilagus palustris hefneri	mammals	49.431	0	155	0	12	5	5	35	0	0	132	35	3	60	19
Manatee, West Indian	Trichechus manatus	mammals	146	98.4437	63.221	34.729	47.373	4.1	31.095	22.5	15	15	75	32	18	417.8	198
Dolphin, Bottlenose	Tursiops truncatus	mammals	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
Kangaroo Rats (Fresno and Tipton)*	various	mammals	0	0	0	0	0	0	0	0	0	0	0	0	115	0	0
Marine Mammals (EIA)	various	mammals	0	0	0	0	3.6	0	60	0	0	0	0	0	0	0	0
Whale, Beaked**	various	mammals	0	0	0	0	0	0	0	22.5	0	0	0	0	0	0	0
Whales, False and Pygmy Killer**	various	mammals	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
Fox, San Joaquin Kit	Vulpes macrotis mutica	mammals	177.328	93.171	164.464	40	214.7	299.5	193	195	271	289.1	188.1	15	251.6	295	273
Fox, Swift	Vulpes velox	mammals	0	0	0	0	0	0	0	0	0	0	79.5	0	0	0	0
Mouse, New Mexico Jumping (C)	Zapus hudsonius luteus	mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Mouse, Preble's Meadow Jumping	Zapus hudsonius preblei	mammals	679.166	360.156	79.737	74.57	59.4	343.4	325.5	264.8	512.8	98.8	107.8	0	0	0	0
Ko'oloa'ula	Abutilon menziesii	plants	2.40741	9.8438	1.5	0	0.2	0	0	0	0	0	0	0	0	0	0
None	Abutilon sandwicense	plants	4.86895	42.438	55.862	55.857	3.264	0	0	0	6.1	0	0	0	3	10	0
San Diego thormint	Acanthomintha ilicifolia	plants	0	0	0	0	5.376	10.4	0	0	0	0	20.4	0	0	0	0
None	Achyrothes splendens var splendens	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0
Gerardia, Sand Plain	Agalinis acuta	plants	0	0	40	40	0	0	0	0	17.5	61	5	20	0	0	0
Mahoe	Alectryon macrococcus	plants	91.84595	188.845	107.852	19.1	97.8	65.5	30	28.2	67.4	14.5	14.3	0	0	1	10
None	Alsinidendron obovatum	plants	86.977	146.407	107.852	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	0.5	0	0
None	Alsinidendron trinerve	plants	8.729	42.438	45.862	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	0	0	0
Amaranth, Seabeach	Amaranthus pumilus	plants	43.265	20.363	33.833	21.155	9.478	0	0	0	0	0	0	0	0	0	37
South Texas Ambrosia	Ambrosia cheiranthifolia	plants	0	0	0	1	0	0	0	0	0	0	0	1	3	3.5	3
San Diego Ambrosia	Ambrosia pumila	plants	0	0	0	0	5.376	10.4	14.731	0	0	0	0	0	0	0	0
Fiddleneck, large-flowered	Amsinckia grandiflora	plants	5.305	8.727	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Price's Potato Bean	Apios priceana	plants	13.125	137	135	19.6	31	55	0	1	11.8	30.9	15	0	0	0	0
Shale-Barren Rockress	Arabis serotina	plants	0	0	0	0	5	0	0	28.5	15.833	0	0	0	0	0	32
Dwarf Bear-poppy	Arctomecon humilis	plants	1	0	1.75	0	0	0	0.3	0	0	0	0	0	0	0	0
Del Mar Manzanita	Arctostaphylos glandulosa ssp. crassifolia	plants	40.38	0	0	49.999	5.376	10.4	14.731	21.824	14.6	0.9	20.4	0	0	0	0
Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Lane Mountain milk-vech	Astragalus jaegerianus	plants	223.21	87.96	214	150.1	30.1	177	230	240	0.5	0	0	0	0	0	0
Encinitas baccharis	Baccharis vanessae	plants	0	0	0	0	5.376	10.4	0	0	0	0	20.4	0	0	3.5	0
None	Bonania menziesii	plants	4.86895	0	10	19.1	75.4	65.5	26.84	22.5	61.3	11.7	11.7	0	1	2	0
Brodiea, Thread-Leaf	Brodiea filifolia	plants	97.572	81.202	87.289	31.846	80	15.625	5	11.111	0	113.6	51.6	0	0	0	0
San Clemente Island Indian Paintbrush	Castilleja grisea	plants	61.93669	37.954225	9.655	18.5	0	0	27.3	17	46.5	0	32	1.6	61	0	7.5
Golden Paintbrush	Castilleja levisecta	plants	26	0	100	0	0	0	6.65	0	0	0	10	0	0	0	0
Kamanomano	Cenchrus agrimonioides	plants	86.977	188.845	107.852	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	1	0	0
'Akoko	Chamaesyce celastroides var. Kaenana	plants	86.977	146.407	107.852	19.1	72.8	65.5	25	52.8	134.3	0	0	0	0	1.5	10
Deltoid spurge	Chamaesyce deltoidea ssp. deltoidea	plants	0	0	0	0	0	0	0	0	20	0	0	0	0	0	10
Akoko	Chamaesyce herbstii	plants	86.977	0	107.852	19.1	0	0	0	0	0	0	0	0	0	0	0
Akoko	Chamaesyce kuwaleana	plants	2.40741	0	0	1.56	0	0	0	0	0	0	0	0	0	0	0
'Akoko	Chamaesyce rockii	plants	8.729	84.876	45.862	19.1	33.4	65.5	5	0	0	15.7	15.5	0	0	0	0
Purple Amole	Chlorogalum purpureum	plants	307.491	125	195.543	80	224	169.5	44.1	65	4	0	0	0	0	0	0
Spineflower, Orcutt's	Chorizanthe orcuttiana	plants	70.32575	100.93	70.435	0	16.176	216.483	142.231	69.5	7	0	40.7	32	16	71	50
Spineflower, Monterey	Chorizanthe pungens var. pungens	plants	44.482	15.443	17.632	0	15	0	0	0	0	0	0	0	0	4	0
Spineflower, Robust	Chorizanthe robusta	plants	0	11.363	29	0	40.4	0	0	20	0	20	20	0	15	0	0
Chorro Creek bog Thistle	Cirsium fontinale var. obispoense	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pigeon wings	Clitoria fragrans	plants	20	30.5	48	49.25	15	24	0	0	0	0	0	0	0	0	0
Kaula	Colubrina oppositifolia	plants	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt Marsh Bird's-Beak	Cordylanthus maritimus ssp. maritimus	plants	66.65156	40.633	24	9	78.5	0	0	55	52.5	0	0	0	0	15	0
Soft Bird's Beak	Cordylanthus mollis spp. mollis	plants	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0
Del Mar Mesa Sandaster	Corethrogyne filaginifolia	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	3.5	0
Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	plants	0	0	0	0	0	49	0	0	0	0	0	0	0	0	0
Cactus, Sneed's Pincushion	Coryphantha sneedii var. sneedii	plants	20	85	102	51.5	27.4	27.5	25	42.5	42.5	25	25	30	40	1	1
Paoua	Ctenitis squamigera	plants	0	42.438	0	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	1	0	0
Haha	Cyanea acuminata	plants	8.729	84.876	45.862	19.1	58.4	65.5	10	13.5	11.8	7.3	7.1	0	0	0	0
Haha	Cyanea crispa	plants	8.729	0	45.862	19.1	33.4	65.5	5	7.8	5.7	4.5	4.5	0	0	0	0
Haha	Cyanea grimesiana ssp. Grimesiana	plants	0	0	0	0	0	0	0	6.1	2.8	2.6	0	0.5	0	0	0
Haha	Cyanea grimesiana ssp. Obatae	plants	86.977	188.845	107.852	38.1	0	0	0	0	0	0	0	0	0	0	0
Haha	Cyanea humboldtiana	plants	8.729	42.438	45.862	19.1	33.4	65.5	5	7.8	0	0	0	0	0	0	0
Haha	Cyanea koolauensis	plants	8.729	127.314	45.862	38.1	58.4	65.5	10	13.5	18.3	15.7	15.5	0	1.5	0	0
Haha	Cyanea longiflora	plants	86.977	146.407	107.852	19.1	0	0	0	0	0	0	0	0	0	0	0
Haha	Cyanea st.-johnii	plants	8.729	84.876	45.862	19.1	33.4	65.5	5	7.8	5.7	4.5	4.5	0	0	0	0

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Squirrel, Mojave Ground	Spermophilus mohavensis	mammals	0	49	0	49
Washington Ground Squirrel (C)	Spermophilus washingtoni	mammals	0	0	0	35
Dolphin, Rough-toothed**	Steno bredanensis	mammals	0	0	0	7.5
Rabbit, Lower Key Marsh	Sylvilagus palustris hefneri	mammals	61	27.7	22.8	621.931
Manatee, West Indian	Trichechus manatus	mammals	125	377	70.6	1790.8617
Dolphin, Bottlenose	Tursiops truncatus	mammals	0	0	0	15
Kangaroo Rats (Fresno and Tipton)*	various	mammals	0	0	0	115
Marine Mammals (EIA)	various	mammals	0	0	0	63.6
Whale, Beaked**	various	mammals	0	0	0	22.5
Whales, False and Pygmy Killer**	various	mammals	0	0	0	15
Fox, San Joaquin Kit	Vulpes macrotis mutica	mammals	187	8	645	3799.963
Fox, Swift	Vulpes velox	mammals	0	0	0	79.5
Mouse, New Mexico Jumping (C)	Zapus hudsonius luteus	mammals	0	0	0	16
Mouse, Preble's Meadow Jumping	Zapus hudsonius preblei	mammals	0	0	0	2906.129
Ko'oloa'ula	Abutilon menziesii	plants	0	0	0	13.95121
None	Abutilon sandwicense	plants	0	0	0	181.38995
San Diego thormint	Acanthomintha ilicifolia	plants	0	0	0	36.176
None	Achyrothes splendens var splendens	plants	0	1	0	1.1
Gerardia, Sand Plain	Agalinis acuta	plants	0	0	0	183.5
Mahoe	Alectryon macrococcus	plants	0	0	0	736.34295
None	Alsinidendron obovatum	plants	0	0	0	631.336
None	Alsinidendron trinerve	plants	0	0	0	228.829
Amaranth, Seabeach	Amaranthus pumilus	plants	0	0	0	165.094
South Texas Ambrosia	Ambrosia cheiranthifolia	plants	5	0	0	16.5
San Diego Ambrosia	Ambrosia pumila	plants	0	0	0	30.507
Fiddleneck, large-flowered	Amsinckia grandiflora	plants	0	0	0	27.939
Price's Potato Bean	Apios priceana	plants	0	0	0	449.425
Shale-Barren Rockress	Arabis serotina	plants	0	0	0	81.333
Dwarf Bear-poppy	Arctomecon humilis	plants	0	0	0	3.05
Del Mar Manzanita	Arctostaphylos glandulosa ssp. crassifoli	plants	0	0	0	178.61
Poppy, Sacramento prickly	Argemone pleiacantha ssp. pinnatisecta	plants	0	0	0	16
Lane Mountain milk-vech	Astragalus jaegerianus	plants	0	0	0	1352.87
Encinitas baccharis	Baccharis vanessae	plants	0	0	0	39.676
None	Bonamia menziesii	plants	0	0	0	311.90895
Brodiea, Thread-Leaf	Brodiaea filifolia	plants	0	0	0	574.845
San Clemente Island Indian Paintbrush	Castilleja grisea	plants	5	2	12	339.945915
Golden Paintbrush	Castilleja levisecta	plants	0	0	0	142.65
Kamanomano	Cenchrus agrimonioides	plants	0	0	0	674.274
*Akoko	Chamaesyce celastroides var. Kaenana	plants	3	1	0	726.236
Deltoid spurge	Chamaesyce deltoidea ssp. deltoidea	plants	0	0	0	30
Akoko	Chamaesyce herbstii	plants	0	0	0	213.929
Akoko	Chamaesyce kuwaleana	plants	0	0	0	3.96741
*Akoko	Chamaesyce rockii	plants	0	0	0	293.667
Purple Amole	Chlorogalum purpureum	plants	0	0	0	1214.634
Spineflower, Orcutt's	Chorizanthe orcuttiana	plants	0	0	0	902.78075
Spineflower, Monterey	Chorizanthe pungens var. pungens	plants	0	0	0	96.557
Spineflower, Robust	Chorizanthe robusta	plants	0	0	0	155.763
Chorro Creek bog Thistle	Cirsium fontinale var. obispoense	plants	0	0	0	0
Pigeon wings	Clitoria fragrans	plants	0	0	0	186.75
Kaula	Colubrina oppositifolia	plants	0	0	0	10
Salt Marsh Bird's-Beak	Cordylanthus maritimus ssp. maritimus	plants	0	0	3	344.28456
Soft Bird's Beak	Cordylanthus mollis spp. mollis	plants	0	0	0	10
Del Mar Mesa Sandaster	Corethrogyne flaginifolia	plants	0	0	0	3.5
Cactus, Pima pineapple	Coryphantha scheeri var. robustispina	plants	0	0	0	49
Cactus, Sneed's Pincushion	Coryphantha sneedii var. sneedii	plants	1.2	1.1	0	547.7
Pauoa	Ctenitis squamigera	plants	0	0	0	333.038
Haha	Cyanea acuminata	plants	0	0	0	332.167
Haha	Cyanea crispa	plants	0	0	0	200.091
Haha	Cyanea grimesiana ssp. Grimesiana	plants	0	0	0	12
Haha	Cyanea grimesiana ssp. Obatae	plants	0	0	0	421.774
Haha	Cyanea humboldtiana	plants	0	0	0	227.829
Haha	Cyanea koolauensis	plants	0	0	0	418.405
Haha	Cyanea longiflora	plants	0	0	0	360.336
Haha	Cyanea st.-johnii	plants	0	0	0	284.967

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Haha	Cyanea superba	plants	86.977	146.407	107.852	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	1	0	0
None	Cyperus trachysanthos	plants	0	9.8438	8	0.1	13	0	0	0	0	0	0	0	0	0	0
Ha'iwale	Cyrtandra dentata	plants	86.977	188.845	107.852	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	0	0	0
Ha'iwale	Cyrtandra subumbellata	plants	8.729	42.438	45.862	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	0.5	0	0
Ha'iwale	Cyrtandra viridiflora	plants	8.729	84.876	45.862	19.1	33.4	65.5	5	7.8	5.7	4.5	4.5	0	1.4	0	0
Tarplant, Otay	Deinandra (=Hemizonia) conjugens	plants	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarplant, Gaviota	Deinandra increscens ssp. villosa	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oha	Delissea subcordata	plants	163.07202	226.754225	117.507	37.6	72.8	65.5	52.3	39.5	77.133	11.7	14.3	1.6	62.5	0	7.5
San Clemente Island Larkspur	Delphinium variegatum ssp. kinkiense	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Na'ena'e	Dubautia herbstobatae	plants	86.977	146.407	107.852	19.1	72.8	65.5	25	22.5	18.3	11.7	11.7	0	0.5	3.5	0
Dudleya, Short-leaved	Dudleya blochmaniae	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coneflower, Smooth	Echinacea laevigata	plants	4.759	47.687	6	0	1	1	2.2	2	1.5	1.5	1.5	0	11	7	0
Nichol's Turk's head Cactus	Echinocactus horizonthalonius var. nicholii	plants	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0
Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	plants	1042	100	63	0	0	0	0	0	0	0.5	0	0	0	0	0
Cactus, Lloyd's hedgehog (DO)	Echinocereus lloydii	plants	0	0	0	49.5	0	0	0	0	0	0.5	0	0	0	1	1
Eragrostis fosbergii	Eragrostis fosbergii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0
Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	plants	0	0	0	14	12.5	0	0	0	0	2.5	0	0	0	0	0
Daisy, Parish's	Erigeron parishii	plants	5.305	3.171	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Yerba santa, Lompoc	Eriodictyon capitatum	plants	21.066	3.5	0	0	2	6	4.5	0	0	0	0	0	0	0	0
Celery, San Diego Button	Eryngium aristulatum var. parishii	plants	70.52171	24.212	91.647	90.412	42.261	20.65	49.35	29.027	41.109	369.8	152.2	90.7	383	123.5	0
Nihoa	Eugenia koolauensis	plants	8.729	42.438	70.862	19.1	41.7	65.5	10	15	6.5	8.4	8.4	0	0.8	0	0
'Akoko	Euphorbia haeleeleana	plants	0	0	0	19.1	72.8	65.5	25	0	11.7	11.7	0	0	0	0	0
Mehamehame	Flueggea neowawraea	plants	91.84595	188.845	117.852	22.889	100.4	65.5	30	28.2	67.4	14.5	14.3	0	0.5	1	0
Mexican Flannelbush	Fremontodendron mexicanum	plants	0	0	0	0	5.376	10.4	14.731	0	0	0	0	0	0	0	0
Nanu	Gardenia mannii	plants	8.729	127.314	45.862	19.1	58.4	65.5	10	13.5	0	15.7	15.5	0	0	0	0
Plant, Colorado Butterfly	Gaura neomexicana var. coloradensis	plants	54.671	59.884	63.978	16.8	16	63.5	13	23.6	27	15	0	0	0	0	0
Monterey Sand Gilia	Gilia tenuiflora ssp. arenaria	plants	44.482	15.951	17.632	0	17.3	167.5	132.612	62.5	0	0	0	32	16	67.5	50
None	Gouania vitifolia	plants	86.977	146.407	0	0	0	0	0	0	0	0	0	0	0	0	0
Honohono	Haplostachys haplostachya	plants	449.01	217.102	231.588	64.3	20	65.5	15.4	18.2	0	0	0	0	12.5	0	0
Pennyroyal, Todsens's	Hedeoma todsenii	plants	10	27.7	15	25	20	10	0	26	28	0	0	0	1	1	0
Kio'ele	Hedyotis coriacea	plants	581.421	217.102	231.588	64.3	25	65.5	15.4	18.3	0	0	0	0	0	0	0
None	Hedyotis degeneri	plants	86.977	146.407	107.852	19.1	72.8	65.5	25	22.5	0	0	0	0	0	0	0
None	Hedyotis parvula	plants	91.84595	146.407	107.852	20.66	72.8	65.5	26.84	22.5	61.3	11.7	11.7	0	0	0	10
Sunflower, Eggert's (DM)	Helianthus eggertii	plants	0	0	0	45	68.7	129.5	130	209	210	66	440	56	0	0	0
Swamp pink	Helonias bullata	plants	14.993	0	0	0	0	0	0	5	0	20	0	0	0	0	0
None	Hesperomannia arborescens	plants	8.729	84.876	45.862	0	58.4	65.5	10	13.5	18.3	15.7	15.5	0	0	0	0
None	Hesperomannia arbuscula	plants	86.977	146.407	107.852	38.1	0	0	0	0	0	0	0	0	0	0	0
Ma'o hau hele	Hibiscus brackenridgei	plants	86.977	146.407	107.852	19.1	0	65.5	25	22.5	5.7	6.6	6.6	0	0	0	0
Slender Rush-pea	Hoffmannseggia tenella	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tarplant, Santa Cruz	Holocarpa macradenia	plants	0	0	0	0	0	64.5	0	0	0	0	0	0	0	0	0
Water Howellia	Howellia aquatilis	plants	55	60	62.4	85.361	6.5	15.5	17.5	12.5	15	37.5	7.4	81.2	60	60	50
Aupaka	Isodendron hosakae	plants	449.01	217.102	0	0	0	0	0	0	0	0	0	0	0	0	0
Aupaka	Isodendron laurifolium	plants	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Aupaka	Isodendron longifolium	plants	0	42.438	231.588	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	0	0	0
Louisiana Quilwort	Isoetes louisianensis	plants	85.558	91.438	87.602	70	73.3	164	0	92	80	14.1	14.1	47	0	0	0
Pogonia, Small-Whorled	Isotria medeoloides	plants	20.993	82.086	21.12	10.5	6.4	23.3	78.6	5	10.266	23	10.6	4	8.5	3.5	12
Kamakahala	Labordia cyrtandrae	plants	8.729	42.438	45.862	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	1.5	0	0
Goldfields, Contra Costa	Lasthenia conjugens	plants	25	7.414	115	17	12	5	29.6	80	65	20	0	0	0	0	0
Laukahi kuahiwi	Laukahi kuahiwi	plants	0	0	0	0	0	0	30	28.2	67.4	0	0	0	0	0	0
Laya, beach	Laya carnosa	plants	39.066	3.5	0	0	1.25	2	2.5	0	0	0	0	0	0	0	0
'Anaunau	Lepidium arbuscula	plants	2.40741	42.438	0	39.66	97.8	65.5	36.84	43.3	67.4	14.5	14.3	0	0	0	0
Peppergrass, Davis	Lepidium davisii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Huachuca water-umbel	Lilaeopsis schaffneriana var. recurva	plants	326	330	182	377.2	100	15.5	482.4	72.1	10	2.7	0	0	0	0	0
Pondberry	Lindera melissifolia	plants	10.534	17.459	39.79	6.839	4.105	0	5	0.193	0	8	1.7	2.2	1.572	3	0
Nehe	Lipochaeta lobata var. leptophylla	plants	4.86895	0	10	3.789	0	0	1.84	0	0	0	0	0	0	0	0
Nehe	Lipochaeta tenuifolia	plants	86.977	146.407	107.852	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	0	0	10
Lipochaeta venosa	Lipochaeta venosa	plants	449.01	217.102	231.588	0	0	0	0	0	0	0	0	5	0	0	0
San Clemente Island Woodland Star	Lithophragma maximum	plants	61.93667	37.954225	9.655	18.5	0	0	27.3	17	15.833	0	32	1.6	61	0	0
None	Lobelia gaudichaudii ssp. koolauensis	plants	8.729	42.438	45.862	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	0	0	0
None	Lobelia niuhauensis	plants	4.86895	42.348	0	20.66	72.8	65.5	26.84	22.5	67.4	14.5	14.3	0	0	0	0
Lobelia oahuensis	Lobelia oahuensis	plants	0	0	0	19.1	25	65.5	5	5.7	67.4	14.5	14.3	0	0	0	0
San Clemente Island Broom	Lotus dendroideus ssp. traskiae	plants	61.93669	37.954225	9.655	18.5	0	0	27.3	17	46.5	0	0	1.6	61	0	7.5
Kincaids's Lupine	Lupinus sulphureus var. kincaidii	plants	0	0	2.486	0	0	0	1.6	0	0	0	0	0	0	0	0
Loosestrife, Rough-Leaved	Lysimachia asperulaefolia	plants	387.77	184.377	220.318	71.433	62.988	143.755	111.032	96.088	139.472	126	107.9	94.649	116.427	61	193.3

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Haha	Cyanea superba	plants	0	0	0	631.836
None	Cyperus trachysanthos	plants	0	0	0	30.9438
Ha`iwale	Cyrtandra dentata	plants	0	0	0	673.274
Ha`iwale	Cyrtandra subumbellata	plants	0	0	0	229.329
Ha`iwale	Cyrtandra viridiflora	plants	0	0	0	286.367
Tarplant, Otay	Deinandra (=Hemizonia) conjugens	plants	0	0	0	30
Tarplant, Gaviota	Deinandra increscens ssp. villosa	plants	0	0	0	0
Oha	Delissea subcordata	plants	5	2	8	964.766245
San Clemente Island Larkspur	Delphinium variegatum ssp. kinkiense	plants	0	0	0	0
Na`ena`e	Dubautia herbstobatae	plants	0	0	0	591.836
Dudleya, Short-leaved	Dudleya blochmaniae	plants	0	0	0	0
Coneflower, Smooth	Echinacea laevigata	plants	0	0	0	87.146
Nichol's Turk's head Cactus	Echinocactus horizontalonius var. nicholii	plants	0	0	0	50
Cactus, Kuenzler hedgehog	Echinocereus fendleri var. kuenzleri	plants	0	0	0	1205.5
Cactus, Lloyd's hedgehog (DO)	Echinocereus lloydii	plants	0.6	0.6	0	53.2
Eragrostis fosbergii	Eragrostis fosbergii	plants	0	0	0	0.5
Woolly-star, Santa Ana River	Eriastrum densifolium ssp. sanctorum	plants	3	0	31	63
Daisy, Parish's	Erigeron parishii	plants	0	0	0	22.383
Yerba santa, Lompoc	Eriodictyon capitatum	plants	0	0	0	37.066
Celery, San Diego Button	Eryngium aristulatum var. parishii	plants	0	0	0	1578.38971
Nihoa	Eugenia koolauensis	plants	0	0	0	297.429
`Akoko	Euphorbia haeleeleana	plants	0	0	0	205.8
Mehamehame	Flueggea neowawraea	plants	0	0	0	743.23195
Mexican Flannelbush	Fremontodendron mexicanum	plants	0	0	0	30.507
Nanu	Gardenia mannii	plants	0	0	0	379.605
Plant, Colorado Butterfly	Gaura neomexicana var. coloradensis	plants	0	32	0	385.433
Monterey Sand Gilia	Gilia tenuiflora ssp. arenaria	plants	0	0	0	623.477
None	Gouania vitifolia	plants	0	0	0	233.384
Honohono	Haplostachys haplostachya	plants	0	0	0	1093.6
Pennyroyal, Todsens's	Hedeoma todsenii	plants	0.2	0.2	0	164.1
Kio`ele	Hedyotis coriacea	plants	0	0	0	1218.611
None	Hedyotis degeneri	plants	0	0	0	546.136
None	Hedyotis parvula	plants	0	0	0	649.10495
Sunflower, Eggert's (DM)	Helianthus eggertii	plants	0	0	0	1354.2
Swamp pink	Helonias bullata	plants	0	0	0.3	40.293
None	Hesperomannia arborescens	plants	0	0	0	336.367
None	Hesperomannia arbuscula	plants	0	0	0	379.336
Ma`o hau hele	Hibiscus brackenridgei	plants	0	0	0	492.236
Slender Rush-pea	Hoffmannseggia tenella	plants	0	0	10	10
Tarplant, Santa Cruz	Holocarpa macradenia	plants	0	0	0	64.5
Water Howellia	Howellia aquatilis	plants	0	0	0	625.861
Aupaka	Isodendron hosakae	plants	0	0	0	666.112
Aupaka	Isodendron laurifolium	plants	0	0	0	10
Aupaka	Isodendron longifolium	plants	0	0	0	405.826
Louisiana Quilwort	Isoetes louisianensis	plants	0	0	0	819.098
Pogonia, Small-Whorled	Isotria medeoloides	plants	1	0.6	0.2	321.665
Kamakahala	Labordia cyrtandrae	plants	0	0	0	230.329
Goldfields, Contra Costa	Lasthenia conjugens	plants	0	0	0	376.014
Laukahi kuahiwi	Laukahi kuahiwi	plants	0	0	0	125.6
Layia, beach	Layia carnosa	plants	0	0	0	48.316
`Anaunau	Lepidium arbuscula	plants	0	0	0	424.14541
Peppergrass, Davis	Lepidium davisii	plants	0	8	0	8
Huachuca water-umbel	Lilaeopsis schaffneriana var. recurva	plants	0	0	0	1897.9
Pondberry	Lindera melissifolia	plants	0	0	0	100.392
Nehe	Lipochaeta lobata var. leptophylla	plants	0	0	0	20.49795
Nehe	Lipochaeta tenuifolia	plants	0	0	0	640.836
Lipochaeta venosa	Lipochaeta venosa	plants	0	0	0	902.7
San Clemente Island Woodland Star	Lithophragma maximum	plants	0	0	0	282.778895
None	Lobelia gaudichaudii ssp koolauensis	plants	0	0	0	228.829
None	Lobelia niihauensis	plants	0	0	0	351.71695
Lobelia oahuensis	Lobelia oahuensis	plants	0	0	0	216.5
San Clemente Island Broom	Lotus dendroideus ssp. traskiae	plants	5	3	8	304.945915
Kincaids's Lupine	Lupinus sulphureus var. kincaidii	plants	0	0	0	4.086
Loosestrife, Rough-Leaved	Lysimachia asperulaefolia	plants	42.5	219	200.5	2578.509

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
San Clemente Island Bush Mallow	Malacothamnus clementinus	plants	61.93669	37.954225	9.655	18.5	0	0	27.3	17	15.833	0	5.3	1.6	61	0	7.5
None	Mariscus pennatiformis	plants	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Button, Mohr's Barbara	Marshallia mohrii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	1.3	0
Alani	Melicope lydgatei	plants	8.729	42.438	45.862	19.1	33.4	65.5	5	38.1	5.7	4.5	4.5	0	2	1	0
Alani	Melicope pallida	plants	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Monardella, Willowy	Monardella linooides ssp. viminea	plants	156.40472	0	132.878	11.561	0	0	25.724	63.829	0	1.8	6.6	0	1.1	3.5	0
Wooly-threads, San Joaquin	Monolopia (=Lembertia) congdonii	plants	5.305	6.666	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Kolea	Myrsine juddii	plants	8.729	42.438	45.862	19.1	33.4	65.5	5	7.8	5.7	4.5	4.5	0	0.5	0	0
Navarretia, Spreading	Navarretia fossalis	plants	64.177	20.462	91.647	90.412	67.261	20.65	49.35	29.027	41.109	51.3	100.1	0	0	3.5	0
Grass, Colusa	Neostapfia colusana	plants	0	3	1.4	1.2	0	0	0	0	0	0	0	0	0	0	0
None	Neraudia angulata	plants	91.84595	188.845	0	0	0	0	0	0	0	0	0	0	0	0	0
Ma'aloa	Neraudia angulata var angulata	plants	86.977	0	107.852	19.1	145.5	65.5	25	22.5	67.4	11.7	14.3	0	1	2.5	10
Ma'aloa	Neraudia angulata var dentata	plants	0	0	0	1.56	0	0	26.84	22.5	67.4	11.7	11.7	0	1	2.5	10
Ma'aloa	Neraudia ovata	plants	449.01	217.102	231.588	64.3	20	65.5	15.4	18.3	0	0	0	0	0	0	0
'Aiea (C)	Nothocestrum latifolium	plants	0	0	0	0	0	0	0	5.7	0	0	0	0	0	0	0
Kulu'i	Nototrichium humile	plants	91.84595	146.407	117.852	41.889	75.4	65.5	31.84	37.6	0	18.3	18.3	0	0	0	0
California Orcutt Grass	Orcuttia Californica	plants	26	20.462	8.95	58.566	42.261	2.525	5.6	17.916	6.2	0	0	0	0	3.5	0
Palo de rosa	Ottoschulzia rhodoxylon	plants	0.2	0	10	0	0	0	0	0	0	0	0	0	0	0	0
Lau'ehu	Panicum niuhauense	plants	0	0	0.1	2	12	0	0	0	0	0	0	0	0	0	0
None	Phyllostegia hirsuta	plants	11.13641	84.876	45.862	19.1	58.4	65.5	10	13.5	18.3	15.7	7.1	0	0	0	0
Phyllostegia kaalaensis	Phyllostegia kaalaensis	plants	86.977	188.845	107.852	19.1	0	0	0	6.1	0	2.6	0	0	0	0	0
Phyllostegia mollis	Phyllostegia mollis	plants	0	0	45.862	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	0	0	0
Phyllostegia parviflora	Phyllostegia parviflora	plants	8.729	42.438	0	19.1	0	0	0	0	0	0	0	0	0.9	0	0
Butterwort, Godfrey's	Pinguicula ionantha	plants	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0
Yadon's piperia	Piperia yadonii	plants	92.263	14.96	77.725	0	18.5	3.5	8.712	0	0	0	0.9	0	0	0	0
Kuahiwi laukahi	Plantago princeps	plants	86.977	188.845	45.862	19.1	97.8	65.5	0	0	73.1	19	18.8	0	0	0	0
Orchid, western prairie fringed	Platanthera praeclara	plants	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Mint, San Diego Mesa	Pogogyne abramsii	plants	32.40471	24.212	8.95	58.566	42.261	2.525	5.6	17.916	0	348.7	24.3	106	33	93.5	148.3
Polygala, Lewton's	Polygala lewtonii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wireweed	Polygonella basiramia	plants	10	14.5	31	49.25	15	24	0	0	0	0	0	0	0	0	0
Fern, Aleutian Shield	Polystichum aleuticum	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0
Po'e	Portulaca sclerocarpa	plants	449.01	217.102	231.588	64.3	20	65.5	15.4	18.3	0	0	0	0	0	0	0
Loulu	Pritchardia kaalae	plants	86.977	0	107.852	19.1	72.8	65.5	25	22.5	67.4	14.5	14.3	0	0	0	0
Lo'ulu	Pritchardia remota	plants	2.4074	146.407	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunburst, Hartweg's golden	Pseudobahia bahiifolia	plants	10.61	6.666	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Sunburst, San Joaquin adobe	Pseudobahia peirsonii	plants	10.61	6.666	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Kaulu (C)	Pteralyxia macrocarpa	plants	0	0	0	0	0	0	0	43.3	0	0	0	0	0	0	0
Pteris lidgatei	Pteris lidgatei	plants	8.729	84.876	45.862	19.1	58.4	65.5	10	13.5	26	7.3	7.1	0	1	0	0
Harparella	Ptilimnium nodosum	plants	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Chapman's Rhododendron	Rhododendron chapmanii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Michaux's Sumac	Rhus michauxii	plants	132.159	138.943	179.365	48	80	80	37	140	140	130	135	76.4	97.8	117.5	0
Beaked-rush, Knieskern's	Rhynchospora knieskernii	plants	0	10	0.9	2.7	19.2	35	40	6.2	0.6	0	0	0	0	0	0
Watercress, Gambel's	Rorippa gambellii	plants	0	1.5	0	0	1.2	0	1	0	0	0	0	0	0	0	0
None	Sanicula mariversa	plants	86.977	146.407	107.852	0	72.8	65.5	25	22.5	61.3	11.7	11.7	0	0.9	0	0
None	Sanicula purpurea	plants	8.729	84.876	45.862	19.1	58.4	65.5	10	13.5	11.8	7.3	4.5	0	0	0	0
Green pitcher-plant	Sarracenia oreophila	plants	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Pitcher-plant, Alabama canebrake	Sarracenia rubra alabamensis	plants	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
Pitcher-plant, Mountain sweet	Sarracenia rubra ssp. jonesii	plants	0	0	0	0	0	0	0	4	61.3	0	0	0	0	0	0
Schiedea, Diamond Head	Schiedea adamantis	plants	0	1	0	1	30	3	0	0	0	0	0	0	0	0	0
None	Schiedea hookeri	plants	4.86895	42.438	45.862	20.66	72.8	65.5	26.84	22.5	67.4	11.7	14.3	0	0	0	0
Ma'oli'oli	Schiedea kealiae	plants	86.977	188.845	107.852	38.1	54.3	65.5	5	21.4	5.7	6.6	6.6	0	0	0	0
None	Schiedea nuttallii	plants	86.977	188.845	107.852	19.1	72.8	65.5	25	22.5	61.3	11.7	11.7	0	1	0	0
American Chaffseed	Schwalbea americana	plants	100.168	101.176	179.534	48	45	45	17	100	100	100	100	76.4	84.8	15.5	0
Scleranthus perennis (NL)	Scleranthus perennis	plants	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0
Skullcap, large-flowered	Scutellaria montana	plants	15.478	29.465	0	0	0	0	0	0	0	1	1	0	0	0	0
Serianthes nelsonii	Serianthes nelsonii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohai	Sesbania tomentosa	plants	2.4074	188.845	0	0	0	0	0	0	0	100	100	5	0	1.5	0
Santa Cruz Island Rock-Cress	Sibara filifolia	plants	36.60767	37.954225	9.655	18.5	1.6	27.5	27.3	17	16.25	0	32	1.6	61	0	0
Nelson's Checker-mallow	Sidalcea nelsoniana	plants	0	0	2.486	0	0	0	1.6	0	0	0	0	0	0	0	0
None	Silene hawaiiensis	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Catchfly, lanceleaf	Silene lanceolata	plants	0	0	12.4	4.5	3	0	0	5	20	0	0	0	0	0	0
Silene permanii	Silene permanii	plants	449.01	217.102	231.588	64.3	20	65.5	15.4	18.2	0	0	0	0	0	0	0
Catchfly, Spalding's	Silene spaldingii	plants	449.01	217.1	231.588	83.3	92.8	65.5	40.4	40.8	61.3	11.7	11.7	0	12.5	0	0
Popolo ku mai	Solanum incompletum	plants	449.01	217.102	231.588	64.3	20	65.5	15.4	18.3	1	0	0	0	0.2	0	0

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
San Clemente Island Bush Mallow	Malacothamnus clementinus	plants	6	2	10	281.578915
None	Mariscus pennatiformis	plants	0	0	0	10
Button, Mohr's Barbara	Marshallia mohrii	plants	0	0	0	1.3
Alani	Melicope lydgatei	plants	0	0	0	275.829
Alani	Melicope pallida	plants	0	0	0	10
Monardella, Willowy	Monardella linoides ssp. viminea	plants	0	0	0	403.39672
Wooly-threads, San Joaquin	Monolopia (=Lembertia) congdonii	plants	0	0	0	25.878
Kolea	Myrsine juddii	plants	0	0	0	243.029
Navarretia, Spreading	Navarretia fossalis	plants	0	0	0	628.995
Grass, Colusa	Neostapfia colusana	plants	0	0	0	5.6
None	Neraudia angulata	plants	0	0	0	280.69095
Ma'aloa	Neraudia angulata var angulata	plants	0	0	0	579.329
Ma'aloa	Neraudia angulata var dentata	plants	0	0	0	155.2
Ma'aloa	Neraudia ovata	plants	0	0	0	1081.2
'Aiea (C)	Nothoctrum latifolium	plants	0	0	0	5.7
Kulu'i	Notrochium humile	plants	0	0	0	644.93395
California Orcutt Grass	Orcuttia Californica	plants	0	0	0	191.98
Palo de rosa	Ottoschulzia rhodoxylon	plants	0	0	0	10.2
Lau'ehu	Panicum niuhauense	plants	0	0	0	14.1
None	Phyllostegia hirsuta	plants	0	0	0	349.47441
Phyllostegia kaalaensis	Phyllostegia kaalaensis	plants	0	0	0	411.474
Phyllostegia mollis	Phyllostegia mollis	plants	0	0	0	177.662
Phyllostegia parviflora	Phyllostegia parviflora	plants	0	0	0	71.167
Butterwort, Godfrey's	Pinguicula ionantha	plants	0	0	0	30
Yadon's piperia	Piperia yadonii	plants	0	0	0	216.56
Kuahiwi laukahi	Plantago princeps	plants	0	0	0	614.984
Orchid, western prairie fringed	Platanthera praeclara	plants	0	0	0	2
Mint, San Diego Mesa	Pogogyne abramsii	plants	355	0	9	1310.23471
Polygala, Lewton's	Polygala lewtonii	plants	4.4	0	0	4.4
Wireweed	Polygonella basiramia	plants	0	0	0	143.75
Fern, Aleutian Shield	Polystichum aleuticum	plants	40	40	0	90
Po'e	Portulaca sclerocarpa	plants	0	0	0	1081.2
Loulu	Pritchardia kaalae	plants	0	0	0	495.929
Lo'ulu	Pritchardia remota	plants	0	0	0	148.8144
Sunburst, Hartweg's golden	Pseudobahia bahiifolia	plants	0	0	0	31.183
Sunburst, San Joaquin adobe	Pseudobahia peirsonii	plants	0	0	0	31.183
Kaulu (C)	Pteralyxia macrocarpa	plants	0	0	0	43.3
Pteris lidgatei	Pteris lidgatei	plants	0	0	0	347.367
Harparella	Ptilimnium nodosum	plants	0	0	0	3
Chapman's Rhododendron	Rhododendron chapmanii	plants	116	0	0	166
Michaux's Sumac	Rhus michauxii	plants	14.8	204	200	1950.967
Beaked-rush, Knieskern's	Rhynchospora knieskernii	plants	0	0	1	115.6
Watercress, Gamba's	Rorippa gambellii	plants	0	0	0	3.7
None	Sanicula mariversa	plants	0	0	0	612.636
None	Sanicula purpurea	plants	0	0	0	329.567
Green pitcher-plant	Sarracenia oreophila	plants	0	0	0	4
Pitcher-plant, Alabama canebrake	Sarracenia rubra alabamensis	plants	0	0	0	4
Pitcher-plant, Mountain sweet	Sarracenia rubra ssp. jonesii	plants	0	0	0	65.3
Schiedea, Diamond Head	Schiedea adamantis	plants	0	0	0	35
None	Schiedea hookeri	plants	0	0	0	394.86895
Ma'oli'oli	Schiedea kealiae	plants	0	0	0	586.874
None	Schiedea nuttallii	plants	0	0	0	674.274
American Chaffseed	Schwalbea americana	plants	124.5	0	0	1237.078
Scleranthus perennis (NL)	Scleranthus perennis	plants	0	0	0	50
Skullcap, large-flowered	Scutellaria montana	plants	0	0	0	46.943
Serianthes nelsonii	Serianthes nelsonii	plants	0	0	50	50
Ohai	Sesbania tomentosa	plants	0	0	0	397.7524
Santa Cruz Island Rock-Cress	Sibara filifolia	plants	0	0	0	286.966895
Nelson's Checker-mallow	Sidalcea nelsoniana	plants	0	0	0	4.086
None	Silene hawaiiensis	plants	0	0	0	10
Catchfly, lanceleaf	Silene lanceolata	plants	0	0	0	44.9
Silen permanii	Silene permanii	plants	0	0	0	1081.1
Catchfly, Spalding's	Silene spaldingii	plants	0	0	0	1317.698
Popolo ku mai	Solanum incompletum	plants	0	0	0	1082.4

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Popolo-'ai-a-ke-akua	Solanum sandwicense	plants	0	10	0	0	0	0	0	0	0	0	0	0	0.5	0	0
Houghton's Goldenrod	Solidago houghtonii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Goldenrod, spring	Solidago verna	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Parsley, Hawaiian	Spermolepis hawaiiensis	plants	451.41741	217.102	339.44	84.96	92.8	65.5	40.4	40.8	61.3	11.7	11.7	5	0	0	0
Ute ladies'-tresses	Spiranthes diluvialis	plants	0	0	0	1.7	0	0	0	0	13.3	13.3	13.3	0	0	2.5	0
None	Stenogyne angustifolia	plants	499.01	217.102	231.588	64.3	20	65.5	15.4	18.2	0	0	0	0	0	0	0
None	Stenogyne kanehoana	plants	8.729	42.438	45.862	19.1	0	0	0	0	0	0	0	0	0.5	0	0
Mauna kea pamakani	Tetramolopium arenarium	plants	449.01	217.1	231.588	64.3	20	65.5	15.4	18.3	0	0	0	0	0	0	0
Tetramolopium filiforme	Tetramolopium filiforme	plants	89.38441	146.407	107.852	20.66	72.8	65.5	25	22.5	61.3	11.7	11.7	0	0.4	0	0
Tetramolopium lepidotum spp lepidotum	Tetramolopium lepidotum spp. lepidotum	plants	0	0	0	19.1	0	0	0	0	0	0	2.6	0	0	0	0
None (NL)	Tetramolopium lepidotum var leptophylla	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
'Ohe'ohe	Tetraplasandra gymnocarpa	plants	0	127.314	0	19.1	100.1	65.5	20	28.5	18.3	15.7	12.9	0	0	1	0
Clover, running buffalo	Trifolium stoloniferum	plants	10	40	60	0	0	0	0	0	0	0	0	0	0	0	0
Relict Trillium	Trillium reliquum	plants	30	0	82.2	20	20	15	7.1	2.4	0	4.1	3.7	20	0.9	0.9	0
Grass, Solano	Tuctoria mucronata	plants	0	3	1.4	1.2	0	0	0	0	0	30	0	0	0	0	0
Tumamoc globe-berry	Tumamoca macdougalii	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cactus, Acuna Valley Pineapple (NL)	unknown	plants	0	0	0	0	0	0	0	0	0	0	0	0	27	42	0
Ihi Laau (NL)	unknown	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ihu (NEI)	unknown	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Mint, San Clemente Mesa (NL)	unknown	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pepperwort, Hawaiian (NEI)	unknown	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllostgia, velvety (NL)	unknown	plants	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Opuhe	Urera kaalae	plants	0	42.438	0	19.1	25	65.5	5	5.7	6.1	2.8	2.6	0	0	1	10
Juvenile, Greens (EIA)	various	plants	0	42.4	0	19.1	25	65.5	5	5.7	6.1	77.8	2.6	0	0	0	0
Vigna o-wahuensis	Vigna o-wahuensis	plants	499.01	217.1	231.588	0	0	0	0	0	0	0	0	5	0	0.5	0
Pamakani	Viola chamissoniana ssp. chamissoniana	plants	91.84594	188.845	107.852	20.66	97.8	65.5	31.84	28.2	67.4	14.5	14.3	0	1	1	10
Viola oahuensis	Viola oahuensis	plants	8.729	84.876	45.862	19.1	33.4	65.5	5	7.8	11.8	7.3	7.1	0	0	0	0
Grass, Tennessee yellow-eyed	Xyris tennesseensis	plants	2	2	2	0	0	0	0	0	0	3	3	0	1	1.3	10
A'e	Zanthoxylum hawaiiense	plants	449.01	217.102	231.588	64.3	20	65.5	15.4	31.8	0	0	0	0	0	0	0
Ash, St. Thomas prickly	Zanthoxylum thomasianum	plants	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0
Alligator, American	Alligator mississippiensis	reptiles	2.5365	5.80853	18.6	21.375	24.2	1.5	2.1	3.4	5.7	0.6	0.5	2	1.8	60.9	2
Turtle, Loggerhead Sea	Caretta caretta	reptiles	420.9655	291.16103	303.977	375.316	240.381	335.337	434.039	174.172	254.679	147.6	144.3	206.864	126.432	34	86
Turtle, Green Sea	Chelonia mydas	reptiles	262.65251	197.52681	199.983	48.75	155.798	147.053	229.71	142.46	869.25	134	127.4	95	526.441	639.5	126
Turtle, Southwestern Pond	Clemmys marmorata pallida	reptiles	0	0	0	0	0	0	0	0	0	0	0	75	0	0	0
Iguana, Cuban ground	Cyclura nubila nubila	reptiles	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
Turtle, Leatherback Sea	Dermodochelys coriacea	reptiles	123	127.80853	122.7	12	110.498	113.635	13.11	43.08	0	6	16.4	93	1.922	13	7.5
Snake, Eastern Indigo	Drymarchon corais couperi	reptiles	188.054	179.05553	111.823	124.95	168.9	69.7	74	272.6	212.35	314.5	60.9	48	14.2	13.1	69.5
Turtle, Blanding's	Emydoidea blandingii	reptiles	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0
Boa, Puerto Rican	Epicraterus inornatus	reptiles	0.4	0	10	0	39.073	0	0	0	0	0	0	0	0	25	2
Turtle, Hawksbill Sea	Eretmochelys imbricata	reptiles	51.97133	6.68581	0	10	44.073	19.709	10.11	81.293	0	38	14.3	13	5	9.441	20.5
Skink, Bluetail Mole	Eumeces egregius lividus	reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	40	25
Lizard, Blunt-nosed leopard	Gambelia silus	reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tortoise, Desert	Gopherus agassizii	reptiles	5882.408	6669.575	4757.2	25758.4	2524.05	3144.675	3016.75	2240.6	2689.828	2926.5	1850	2612	2029.2	2274.5	2027
Tortoise, Gopher	Gopherus polyphemus	reptiles	117.7505	1300.303	1183.8	330.86	950	1228.6	534.1	215.2	171.8	128.8	62.3	100	80.6	331	0
Turtle, Kemp's Ridley Sea	Lepidochelys kempii	reptiles	0	3.80853	0	10	0	23.39	0	13	0	0	3.2	0	0	0	0
Skink, Sand	Neoseps reynoldsi	reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	40	25
Snake, Northern copperbelly water	Nerodia erythrogaster neglecta	reptiles	0	0	0	0	0	0	0	0	0	15.9	0	0	0	0	0
Snake, Concho water	Nerodia paucimaculata	reptiles	0	0	0	0	0	0	0	0	5.5	0.5	0	0	0	0	0
Lizard, Texas Horned	Phrynosoma cornutum	reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lizard, Flat-Tail Horned	Phrynosoma mcallii	reptiles	0	0	0	0	0	0	0	0	21.965	0	42	45	45	181.5	22.5
Snake, Giant Garter	Thamnophis gigas	reptiles	0	1.5	2.9	4.5	2.3	0	276.7	0	63.5	568	0	5	0	0	0
Snake, San Francisco Garter	Thamnophis sirtalis tetrataenia	reptiles	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0
Lizard, Coachella Valley fringe-toad	Uma inornata	reptiles	5.305	9.569	13.907	0	0	0	0	0	0	0	0	0	0	0	0
Lizard, Mojave Fringe-Toad	Uma scoparia	reptiles	0	0	0	0	0	0	0	142	0	0	0	0	0	0	0
Turtle, Sea (EIA)	various	reptiles	0	0	0	0	0	0	0	0	113	213	0	36	76	0	0
Lizard, Island night	Xantusia riversiana	reptiles	25.48702	17.0686	13.2	26.866	11.564	5.882	3.76	0	0	0	7.5	1.6	24.9	35	1.2
Pupu Kuahiwi	Achatinella apexfulva	snails	0	0	0	19.1	33.4	0	5	7.8	5.7	6.7	12.3	0	0	0	0
Pupu Kuahiwi	Achatinella bulimoides	snails	0	0	0	19.1	0	0	0	0	0	0	0	0	0	0	0
Pupu Kuahiwi	Achatinella byronii	snails	0	0	0	19.1	58.4	0	10	13.5	11.8	13.4	12.3	0	0	0	0
Pupu Kuahiwi	Achatinella curta	snails	0	0	0	19.1	33.4	0	5	7.8	12.2	6.7	13.4	0	0	0	0
Pupu Kuahiwi	Achatinella decipiens	snails	0	0	0	19.1	58.4	0	10	13.5	11.8	13.4	12.3	0	0	0	0
Pupu Kuahiwi	Achatinella leucorraphe	snails	0	0	0	0	58.4	0	10	13.5	11.8	13.4	12.3	0	0	0	0
Pupu Kuahiwi	Achatinella lila	snails	4.86894	0	0	19.1	58.4	0	5	7.8	5.7	6.7	6.7	0	0	0	0
Pupu Kuahiwi	Achatinella livida	snails	0	0	0	19.1	33.4	0	5	7.8	5.7	6.7	6.7	0	0	0	0

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Popolo-'ai-a-ke-akua	Solanum sandwicense	plants	0	0	0	10.5
Houghton's Goldenrod	Solidago houghtonii	plants	0	0	0	17
Goldenrod, spring	Solidago verna	plants	0	0	0	8
Parsley, Hawaiian	Spermolepis hawaiiensis	plants	0	0	0	1422.11941
Ute ladies'-tresses	Spiranthes diluvialis	plants	0	0	0	44.1
None	Stenogyne angustifolia	plants	0	0	0	1131.1
None	Stenogyne kanehoana	plants	0	0	0	116.629
Mauna kea pamakani	Tetramolopium arenarium	plants	0	0	0	1081.198
Tetramolopium filiforme	Tetramolopium filiforme	plants	0	0	0	635.20341
Tetramolopium lepidotum spp lepidotum	Tetramolopium lepidotum spp. lepidotum	plants	0	0	0	21.7
None (NL)	Tetramolopium lepidotum var leptophylla	plants	0	0	0	10
'Ohe'ohe	Tetraplasandra gymnocarpa	plants	0	0	0	408.414
Clover, running buffalo	Trifolium stoloniferum	plants	0	0	0	110
Relict Trillium	Trillium reliquum	plants	0	0	0	206.3
Grass, Solano	Tuctoria mucronata	plants	0	0	0	35.6
Tumamoc globe-berry	Tumamoca macdougalii	plants	0	0	20	20
Cactus, Acuna Valley Pineapple (NL)	unknown	plants	0	0	0	69
Ihi Laau (NL)	unknown	plants	1	0	0	1
Ihu (NEI)	unknown	plants	0	0	0	10
Mint, San Clemente Mesa (NL)	unknown	plants	0	170	0	170
Pepperwort, Hawaiian (NEI)	unknown	plants	0	2	0	2
Phyllostgia, velvety (NL)	unknown	plants	0	0	0	10
Opuhe	Urera kaalae	plants	0	0	0	185.238
Juvenile, Greens (EIA)	various	plants	0	0	0	249.2
Vigna o-wahuensis	Vigna o-wahuensis	plants	0	0	0	953.198
Pamakani	Viola chamissoniana ssp. chamissoniana	plants	0	0	0	740.74294
Viola oahuensis	Viola oahuensis	plants	0	0	0	296.467
Grass, Tennessee yellow-eyed	Xyris tennesseensis	plants	0	0	0	24.3
A'e	Zanthoxylum hawaiiense	plants	0	0	0	1094.7
Ash, St. Thomas prickly	Zanthoxylum thomasianum	plants	0	0	0	14
Alligator, American	Alligator mississippiensis	reptiles	0	0	0.1	153.12003
Turtle, Loggerhead Sea	Caretta caretta	reptiles	73	559.5	20.66	4228.38353
Turtle, Green Sea	Chelonia mydas	reptiles	43	639.2	10	4593.72432
Turtle, Southwestern Pond	Clemmys marmorata pallida	reptiles	0	0	0	75
Iguana, Cuban ground	Cyclura nubila nubila	reptiles	0	0	0	10
Turtle, Leatherback Sea	Dermochelys coriacea	reptiles	4	1.7	14.5	823.85353
Snake, Eastern Indigo	Drymarchon corais couperi	reptiles	5.6	0	0.5	1927.73253
Turtle, Blanding's	Emydoidea blandingii	reptiles	0	0	0	18
Boa, Puerto Rican	Epicrates inornatus	reptiles	0	0	0	76.473
Turtle, Hawksbill Sea	Eretmochelys imbricata	reptiles	4	1.7	19	348.78314
Skink, Bluetail Mole	Eumeces egregius lividus	reptiles	0	0	0	65
Lizard, Blunt-nosed leopard	Gambelia silus	reptiles	0	8	0	8
Tortoise, Desert	Gopherus agassizii	reptiles	924.9	581.6	763	72672.186
Tortoise, Gopher	Gopherus polyphemus	reptiles	89	0	100	6924.1135
Turtle, Kemp's Ridley Sea	Lepidochelys kempii	reptiles	0	0	6.66	60.05853
Skink, Sand	Neoseps reynoldsi	reptiles	4	0	0	69
Snake, Northern copperbelly water	Nerodia erythrogaster neglecta	reptiles	0	0	0	15.9
Snake, Concho water	Nerodia paucimaculata	reptiles	0	0	0	6
Lizard, Texas Horned	Phrynosoma cornutum	reptiles	0	3	0	3
Lizard, Flat-Tail Horned	Phrynosoma mcallii	reptiles	0	0	0	357.965
Snake, Giant Garter	Thamnophis gigas	reptiles	10	0	0	934.4
Snake, San Francisco Garter	Thamnophis sirtalis tetrataenia	reptiles	0	0	0	0.25
Lizard, Coachella Valley fringe-toad	Uma inornata	reptiles	0	0	0	28.781
Lizard, Mojave Fringe-Toad	Uma scoparia	reptiles	0	0	0	142
Turtle, Sea (EIA)	various	reptiles	392	11	0	841
Lizard, Island night	Xantusia riversiana	reptiles	8	0	25	207.02762
Pupu Kuahiwi	Achatinella apexfulva	snails	0	0	0	90
Pupu Kuahiwi	Achatinella bulimoides	snails	0	0	0	19.1
Pupu Kuahiwi	Achatinella byronii	snails	0	0	0	138.5
Pupu Kuahiwi	Achatinella curta	snails	0	0	0	97.6
Pupu Kuahiwi	Achatinella decipiens	snails	0	0	0	138.5
Pupu Kuahiwi	Achatinella leucorraphe	snails	0	0	0	119.4
Pupu Kuahiwi	Achatinella lila	snails	0	0	0	114.26894
Pupu Kuahiwi	Achatinella livida	snails	0	0	0	84.4

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 08	FY 07	FY 06	FY 05	FY 04	FY 03	FY 02	FY 01	FY 00	FY 99	FY 98	FY 97	FY 96	FY 95	FY 94
Pupu Kuahiwi	Achatinella mustelina	snails	0	0	0	19.1	97.8	0	30	28	95.1	160.4	159.3	0	0	0	0
Pupu Kuahiwi	Achatinella pulcherrima	snails	0	0	0	19.1	33.4	0	5	7.8	0	0	0	0	0	0	0
Pupu Kuahiwi	Achatinella sowerbyana	snails	156.809	0	0	19.1	58.4	0	10	13.5	18.3	20.1	19	0	0	0	0
Snails, Oahu tree*	Achatinella spp.	snails	0	698.101	413.024	0	0	653	0	0	0	0	0	0	0	5	25
Abalone, Black	Haliotis cracherodii	snails	14.145	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abalone, White	Haliotis sorenseni	snails	17.62118	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Snail, Morro shoulderband (=Banded Dun)	Helminthoglypta walkeriana	snails	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0	0
OTHER	OTHER	x	6479.395	10597.109	11905.048	346.003	6588.724	11405.514	2537.1	532.661	143	573.2	10.5	79	359	493	1858
TOTAL:			65136.77	68504.11	62541.70	61582.19	48358.56	50263.49	37004.44	33961.25	38306.97	29848.06	25560.70	22239.61	22887.39	19392.54	16644.10
Total Species on DoD Lands:		420															
Total Species with activity in last 5 yrs		311															

TOTAL DoD Expenditures (in 1000's of \$) on Threatened and Endangered Species (includes Air Force, Army, Navy, and Marine Corps)

Common Name	Scientific Name	Group	FY 93	FY 92	FY 91	Species Total
Pupu Kuahiwi	Achatinella mustelina	snails	0	0	0	589.7
Pupu Kuahiwi	Achatinella pulcherrima	snails	0	0	0	65.3
Pupu Kuahiwi	Achatinella sowerbyana	snails	0	0	0	315.209
Snails, Oahu tree*	Achatinella spp.	snails	0	5	0	1799.125
Abalone, Black	Haliotis cracherodii	snails	0	0	0	14.145
Abalone, White	Haliotis sorenseni	snails	0	0	0	17.62118
Snail, Morro shoulderband (=Banded Dun)	Helminthoglypta walkeriana	snails	0	0	0	2.5
OTHER	OTHER	x	1182.2	916.5	0	56005.954
TOTAL:			11703.20	10508.80	7533.22	631977.11
Total Species on DoD Lands:	420					
Total Species with activity in last 5 yrs	311					