



Early Conservation Prevented ESA Listing of 41 Species

For more information

Janet Mizzi
 Chief, Division of Endangered Species
 Ecological Services
 U.S. Fish and Wildlife Service
 1875 Century Blvd.
 Atlanta, GA 30345
 404/679 7169 or janet_mizzi@fws.gov

Karen Anderson
 Office of Communication and Candidate Conservation
 Endangered Species Program
 U.S. Fish and Wildlife Service
 4401 N. Fairfax Drive
 Arlington, VA 22203
 703-358-2301 or karen_anderson@fws.gov

Year removed	Species	TAXA group	Date of first notice of candidate status	Date of notice of removal	Range	Comments
2011	Wekiu bug	animal-insect	10/25/1999	10/26/2011	HI	Management of the Mauna Kea summit area by the Office of Mauna Kea Management includes continued monitoring of the wekiu bug and its habitat, and scientific studies to assist in managing and protecting wekiu bug populations and habitat.
2007	Basalt daisy	plant	12/15/1980	12/6/2007	WA	Species removed due to conservation efforts and information indicating the species is more abundant than once believed.
2007	Surprising cave beetle	animal-insect	10/30/2001	12/6/2007	KY	An assessment found that the species' range was larger and the threats to its continued existence had decreased. In addition, Mammoth Cave National Park entered into a 15-year agreement to conserve the cave beetle and its habitat.
2007	Sand Mountain blue butterfly	animal-insect	Category 2 candidate - 11/21/91 until 1996	5/2/2007	NV	Conservation efforts by a consortium of partners (Lahontan Valley Environmental Alliance) culminated in a signed conservation agreement which addresses the threats to the species.
2006	Cow Head tui chub	animal - fish	11/21/1991	10/11/2006	CA, NV	Conservation agreement allowed FWS to gather additional information on the status of the species.
2006	Warm Springs Zaitzevian riffle beetle	animal - insect	11/15/1994	12/6/2007	MT	Threats removed/reduced via a FWS conservation strategy.
2006	Beaver cave beetle	animal - insect	10/30/2001	10/11/2006	KY	Conservation efforts by the landowner, in coordination with and assistance from FWS, the State, and other partners, (as specified in various conservation agreements) reduced and removed threats, making listing unnecessary.
2006	Wonderland Alice-flower	plant	12/15/1980*	9/12/2006	UT	Recent surveys confirm this species is more abundant than previously known; implementation of conservation agreement and strategy is continuing. (Note: This species previously was identified as <i>Gilia caespitosa</i> .)
2005	Lesser Adams Cave beetle	animal - insect	10/30/2001	12/8/2005	KY	Threats reduced/removed as a result of conservation efforts, including efforts via a Candidate Conservation Agreement with Assurances with the landowner.
2005	Greater Adams Cave beetle	animal - insect	10/30/2001	12/8/2005	KY	Threats reduced/removed as a result of conservation efforts, including efforts via a Candidate Conservation Agreement with Assurances with the landowner.
2005	Holsinger's Cave beetle	animal - insect	11/15/1994	5/11/2005	VA	Threats reduced/removed as a result of conservation efforts.
2005	Camp Shelby burrowing crayfish	animal - crustacean	10/25/1999	5/11/2005	MS	Threats reduced/removed as a result of conservation, including efforts via a Candidate Conservation Agreement with the Army National Guard.

*Also was in the 7/1/1975 NOR, 40 FR 27824, "Smithsonian Report"

U.S. Fish & Wildlife Service

Year removed	Species	TAXA group	Date of first notice of candidate status	Date of notice of removal	Range	Comments
2001	Wet Canyon talussnail	animal - snail	11/21/1991	10/30/2001	AZ	Threats eliminated via conservation efforts in a Candidate Conservation Agreement with the U.S. Forest Service.
2001	Blue diamond cholla	plant	2/21/1990*	10/30/2001	NV	Threats reduced/removed as a result of conservation, including efforts via a Candidate Conservation Agreement.
2001	Swift fox	animal - mammal	2/28/1996	1/8/2001	12 states	More abundant and widely distributed than previously thought; more flexible in habitat requirements than originally thought; 10 State wildlife agencies have contributed to conservation efforts. Range includes: CO, IA, KS, MN, MT, ND, NE, NM, OK, SD, TX, WY (Canada)
1999	McCloud River redband trout	animal - fish	11/15/1994	10/25/1999	CA	Conservation efforts, including those in a Conservation Agreement and Strategy, contributed to removal from candidate status.
1999	Gooding's onion	plant plant	12/15/1980*	10/25/1999	AZ, NM	Conservation efforts in a Candidate Conservation Agreement with the U.S. Forest Service contributed to removal from candidate status.
1999	Small rock-cress	plant	9/30/1993	10/25/1999	WY	Conservation efforts by the Bureau of Land Management contributed to removal from candidate status.
1999	Umpqua mariposa lily	plant	9/30/1993	10/25/1999	OR	Conservation efforts, including efforts via a Candidate Conservation Agreement with the Bureau of Land Management and U.S. Forest Service, contributed to removal from candidate status.
1999	Arizona bugbane	plant	12/15/1980*	10/25/1999	AZ	Conservation efforts, including efforts via a Candidate Conservation Agreement with the U.S. Forest Service, contributed to removal from candidate status.
1999	Sulphur Springs buckwheat	plant	12/15/1980*	10/25/1999	NV	Conservation efforts contributed to removal from candidate status.
1999	Stones River bladderpod	plant	12/15/1980*	5/11/1999	NV	Conservation efforts under cooperative agreements with the Tennessee Department of Environment & Conservation and the Tennessee Wildlife Resources Agency contributed to removal from candidate status.
1998	Florida black bear	animal - mammal	12/30/1982	12/8/1998	AL, FL, GA	Conservation measures by several entities contributed to removal from candidate status.
1998	Clokey's eggvetch	plant	12/15/1980*	3/2/2012	NV	Conservation measures on U.S. Forest Service, Air Force, and Department of Energy lands contributed to the decision that listing is not warranted; species also found to be more widespread and numerous than previously known.
1998	Tall paintbrush	plant	2/21/1990*	4/2/1998	TX	Conservation measures by the National Park Service contributed to the decision that listing is not warranted; species taxonomic status also questioned.
1998	Gentry's indigobush	plant	12/15/1980	4/2/1998	AZ and Mexico	Conservation measures by the USDA Forest Service contributed to the decision that listing is not warranted; also, species found to be more widespread and abundant than previously known.

U.S. Fish & Wildlife Service

Year removed	Species	TAXA group	Date of first notice of candidate status	Date of notice of removal	Range	Comments
1998	Kaibab plains cactus	plant	12/15/1980	4/2/1998	AZ	Conservation measures by the Bureau of Land Management and the U.S. Forest Service, via a Conservation Assessment and Strategy, contributed to the decision that listing is not warranted.
1998	Columbia spotted frog - Wasatch Front population	animal - amphibian	5/7/1993	4/2/1998	UT	Conservation measures by several entities, including some via a Candidate Conservation Agreement, contributed to the decision that listing is not warranted. A subsequent petition finding of not-warranted was made in 1998, and another was made in 2002.
1998	Columbia spotted frog - West Desert population	animal - amphibian	5/7/1993	4/2/1998	UT	Conservation measures by several entities, including some via a Conservation Agreement, contributed to the decision that listing is not warranted.
1997	Ramsey canyon leopard frog	animal - amphibian	11/15/1994	9/19/1997	AZ	Conservation efforts by Federal, State, and private parties contributed to the decision to remove this species from candidate status.
1997	Surf thistle	plant	12/15/1980*	9/19/1997	CA	Conservation efforts by the Air Force for another species (western snowy plover) contributed to the decision to remove this species from candidate status.
1997	Merced clarkia	plant	12/15/1980*	9/19/1997	CA	Protection measures via a Memorandum of Understanding with the U.S. Forest Service, Caltrans, and Pacific Gas & Electric reduced threats, resulting in removal of the species from candidate status.
1996	Rawson's flaming trumpet	plant	12/15/1980*	2/28/1996	CA	Interagency agreement between U.S. Forest Service and FWS restricted logging in habitat areas for this plant.
1996	Mt. Diablo bird's-beak	plant	12/15/1980*	2/28/1996	CA	State Park guidance protects the single population of this species.
1996	Desert cymopterus	plant	12/15/1980*	2/28/1996	CA	Plant occurs in area addressed by the West Mojave Coordinated Management Plan (multi-species habitat conservation plan).
1996	Thorne's royal larkspur	plant	12/15/1980*	2/28/1996	CA	Removal of goats from San Clemente Island removed the only known threat to this species.
1996	Wenatchee larkspur	plant	12/15/1980*	2/28/1996	WA	Conservation efforts by U.S. Forest Service and WA Dept. of Natural Resources have reduced threats to the species.
1996	San Clemente Island silver hosackia	plant	12/15/1980*	2/28/1996	CA	Removal of feral goats and pigs from the island removed the only threat to this species.
1996	<i>Polemonium pectinatum</i>	plant	12/15/1980*	2/28/1996	WA	Minor threats were reduced by a conservation agreement aimed at reducing the populations of noxious weeds.
1996	Combleaf	plant	9/27/1985	2/28/1996	NV	Removed from candidate status due in part to conservation efforts by Federal agencies.
1996	Owens Valley checker-mallow	plant	9/27/1985	2/28/1996	CA	Habitat is protected by conservation efforts. Threats to the species no longer exist.
1996	Charleston kittentails	plant	9/27/1985	2/28/1996	CA	An ecosystem-level conservation agreement between the U.S. Forest Service and FWS provides for long-term conservation of this species.