

U.S. Fish and Wildlife Service
Division of International Conservation
Critically Endangered Animals Conservation Fund Summary FY 2009

24 Grants Total FWS Funding \$643,592.13 Leveraged Funding \$1,167,323.90

EA-0007. *A New Probiotic Method to Reduce the Threat of Chytridiomycosis to Panamanian Golden Frogs.* In partnership with the Smithsonian Institute. This grant will support activities to determine whether a probiotic strategy involving the inoculation of anti-fungal bacteria onto frog skin confers resistance to *Batrachochytrium dendrobatidis* (*Bd*), using the Panamanian golden frog as a model for highly-susceptible *Atelopus* species.

USFWS: \$25,000. Leveraged funds: \$31,260.

EA-0009. *Amphibian Rescue and Conservation Expedition to Eastern Panama.* In partnership with the Smithsonian Institute. This grant will support activities to mitigate the impending threat of chytridiomycosis on one of the *Atelopus* species endemic to Eastern Panama by conducting a rescue expedition to the Darien region to collect a founding *ex-situ* population of 40-60 *Atelopus glyphus* or *Atelopus certus*, establish and outfit an amphibian rescue pod to house the *ex-situ* colony in a bio-secure unit, and train staff at the Summit Municipal Park to adequately care for and breed the species in a long-term assurance colony.

USFWS: \$30,712. Leveraged funds: \$31,260.

EA-0010. *Grassland Restoration and Community Engagement to Prevent Africa's First Bird Extinction: the Sidamo Lark in Ethiopia.* In partnership with Ethiopian Wildlife and Natural History Society. This grant will help local agencies and communities reduce the overall level of grazing on the plain, establish a network of exclosures where no grazing will be allowed, clear scrub from the periphery of the plain to increase pasture, prevent further agricultural expansion on the plain, and develop and support a strong inter-sectoral committee to oversee the long-term management of the plain for both cattle and the lark.

USFWS: \$29,980. Leveraged Funds: \$10,238.

EA-0011. *Elevating Survival Prospects for Critically Endangered River terrapin of Terengganu, Malaysia.* In partnership with Turtle Conservation Centre. This grant will support surveys and nest protection within all river systems in Terengganu where the best remaining remnant populations of the river terrapin occur. It will also support hatchling head-starting to increase juvenile recruitment into the wild population, engage local communities in conserving the species, raise public awareness in Terengganu and support the development of a recovery plan to better coordinate recovery in Terengganu.

USFWS: \$30,240. Leveraged Funds: \$52,080.

EA-0012. *Improving Crocodile Relations.* In partnership with Mabuwaya Foundation. This grant will support surveys of the remaining three sub-populations of Philippine

crocodiles in San Mariano, identifying suitable habitat to establish populations to connect sub-populations. It will also support improvements to the head start facility, training of local community sanctuary guards, and launching of a public awareness and education campaign to reduce human crocodile conflicts.

USFWS: \$29,874. Leveraged Funds: \$ 37,709.

EA-0018. *Participatory Conservation of the Philippine Cockatoo in Balabac Municipality, Southern Palawan, Philippines.* In partnership with Katala Foundation, Inc. This grant will support an attempt to stabilize and restore the Philippine cockatoo population through participation of key stakeholders in the area, converting cockatoo poachers into conservationists by providing them training and hiring them as wildlife wardens. This has proven to be an effective model, and will be accompanied by information, education, and communication campaigns, alternative livelihood initiatives for stakeholders, and the establishment of a local network for the conservation of the cockatoo.

USFWS: \$26,706. Leveraged Funds: \$23,765.

EA-0019. *Conservation of Philippine Forest Turtle in Palawan.* In partnership with Katala Foundation Inc. This grant will support an intensive information education campaign with communities throughout the restricted range of the Philippine forest turtle in Central and Northern Palawan, Philippines to address its overexploitation for food. It will also support market surveys in Manila every four months to monitor and alert law enforcement of observed violations.

USFWS: \$25,003.13. Leveraged Funds: \$35,310.40.

EA-0029. *A Comprehensive Program to Enhance Ex-situ and In-situ Husbandry and Health Expertise to Conserve Critically Endangered Native Amphibians in Colombia.* In partnership with the Wildlife Conservation Society. This grant will support the creation of a comprehensive amphibian husbandry and health program for the Cali Zoo, and capacity building through a regional training workshop to enhance in-country *in situ* and *ex situ* amphibian expertise.

USFWS: \$25,000. Leveraged funds: 34,441.

EA-0030. *Conserving Cambodia's Bengal Florican.* In partnership with the Wildlife Conservation Society. This grant will support the improvement of the management framework within the Integrated Farming and Biodiversity Areas (IFBAs), strengthen the Provincial Commissions and community consultation committees responsible for the management of the protected areas, increase law enforcement in the non-breeding habitat of the Bengal florican, and demarcate the boundaries of IFBAs that are situated within the breeding habitat of the florican.

USFWS: \$29,403. Leveraged Funds: \$43,038.

EA-0036. *Saving the Critically Endangered Polynesian Ground-Dove.* In partnership with BirdLife International. This grant will support the development of the recovery program for the Polynesian ground dove, in particular taking urgent action to eradicate rats from two islets of the Rangiroa Atoll and creating 50 acres of predator-free habitat.

In addition, the grantee will work with the communities of Rangiroa to examine options and plan for the removal of rats and cats from the whole atoll, forming and training a local community group or Site Support Group to assist with management and monitoring and give a sense of ownership and responsibility to local people.

USFWS: \$24,420. Leveraged Funds: \$61,360.

EA-0037. *Oral Vaccination of Ethiopian Wolves Against Rabies-A Feasibility Trial in Bale Mountains (Ethiopia).* In partnership with the Wildlife Conservation Network. The grant will support field trialing of oral rabies vaccine (ORV) delivery protocol to inoculate free-ranging Ethiopian wolves, determine bait uptake and seroconversion rates from oral bait consumption, assess potential negative effects of vaccination on Ethiopian wolves and their populations, assess impact of ORV on non-target species, measure the beneficial impact of rabies vaccination on Ethiopian wolf populations, and develop a reliable cost-benefit analysis of wolf and domestic dog vaccinations.

USFWS: \$44,165. Leveraged Funds: \$165,946.

EA-0052. *Saving the Ridgway's Hawk in the Dominican Republic: One of the World's Most Endangered Hawks.* In partnership with the Peregrine Fund. This grant will support assisted dispersal of several juvenile Ridgway hawks from Los Haitizes National Park to suitable protected habitat within the species' former range. In addition, a local and national education campaign will be implemented to reduce human persecution of the Ridgway hawk.

USFWS: \$24,995. Leveraged funds: \$54,825.

EA-0054. *A Local Community and Science-based Approach to Conserving the Critically Endangered Egyptian Tortoise.* In partnership with Indiana University. This grant will support a two-year project to establish habitat oases, high-quality islands of habitat within degraded habitat, through exclosures of grazing animals on Zaranik Protected Area, Egypt, for the only remaining wild population of Egyptian tortoises. This grant will also engage local Bedouins as project participants to collect data to assess the value of these habitat oases as well as patrol to protect the tortoise from collectors for the pet trade.

USFWS: \$14,431. Leveraged Funds: \$15,776.

EA-0055. *Protection of the Ploughshare Tortoise in Baly Bay National Park, Madagascar.* In partnership with the John L. Behler Chelonian Center and the Durrell Wildlife Conservation Trust. This grant will support establishment of five para-warden teams and camps to assist law enforcement with surveillance of Baly Bay National Park to prevent poaching of animals from the last wild population of ploughshare tortoises. The para-warden teams will also improve the communication system to report brushfires within the Park which can be detrimental to ploughshare tortoises and their habitat.

USFWS: \$29,997. Leveraged Funds: \$52,387.50.

EA-0056. *Saving the Critically Endangered Blue-billed Curassow and Brown Spider Monkey.* In partnership with Fundación ProAves. This grant will extend and improve protection of the blue-billed curassow and brown spider monkey by obtaining National Protected Area status for the Paujil Nature Reserve, training local 'forest guardians' as

ecological guides, and monitoring the curassow and spider monkey populations in and outside the Reserve.

USFWS: \$28,571. Leveraged funds: \$18,720.

EA-0057. *Tonkin Snub-nosed Monkey Conservation Project at Khau Ca, Ha Giang Province, Vietnam.* In partnership with Fauna and Flora International, Inc. The purpose of this project is to support the new Tonkin Snub-nosed Monkey Conservation Area at Khau Ca by continuing operation of the community patrol group and integrating their work into the functioning of the protected area, developing and distributing awareness materials among local communities to build understanding and support for the Area, and taking steps necessary to clearly demarcate the approved protected area boundary.

USFWS: \$29,868. Leveraged Funds: \$19,580.

EA-0059. *Antiguan Racer Conservation Project: Advancing the Recovery of the "World's Rarest Snake."* In partnership with Fauna & Flora International, Inc. This grant will support activities to increase the world population of Antiguan racers to at least 500 individuals on Antigua's globally important offshore islands by the end of 2010, by building local capacity to protect habitats of critical importance, designing and implementing a conservation action plan, and monitoring the Antiguan racer population.

USFWS: \$25,000. Leveraged funds: \$89,243.

EA-0060. *Cambodian Crocodile Conservation Program: Saving the Critically Endangered Siamese Crocodile.* In partnership with Fauna and Flora International, Inc. This grant will support strengthening of protection of local Siamese crocodile sanctuaries in Cambodia under management of local communities and other stakeholders, monitoring of abundance and reproduction at key sites, conducting a feasibility study to establish a new sanctuary at Sre Pok site, conducting public consultations with communities to identify additional release sites, conducting public awareness and providing technical support, and establishing an in country captive breeding colony to support reintroduction efforts.

USFWS: \$25,000. Leveraged Funds: \$157,830.

EA-0062. *Community-based Nest Protection for Cantor's Softshell Turtle in the Mekong River, Cambodia.* In partnership with Conservation International. This grant will support community incentives for nest protection, awareness campaigns for villages, head-starting of about 30 hatchlings, and monitoring of released head-started turtles to determine effectiveness of the program.

USFWS: \$11,537. Leveraged Funds: \$8,657.

EA-0069. *Saving the Madagascar Pochard: the World's Most Endangered Duck.* In partnership with the Durrell Wildlife Conservation Trust. This grant will support the establishment of the first captive population of this very rare duck in Madagascar, transfer of eggs from the wild to the captive facility, employment and training of avicultural staff, and incubation and rearing of birds in captivity.

USFWS: \$30,000. Leveraged Funds: \$92,950.

EA-0070. *Conserving the Vietnamese Pond Turtle through Awareness and Community Engagement in Habitat Protection, Quang Ngai Province, Central Vietnam.* In partnership with Cleveland Metroparks Zoo. This grant will support efforts to develop a Species Habitat Conservation Area for the Vietnamese pond turtle in Bin Son District, Central Vietnam, establish the first assurance colony within its natural range for future releases, conduct community awareness and ongoing species monitoring, and build capacity of local wildlife officials to better assist with conservation programs and protection of the species.
USFWS: \$19,962. Leveraged Funds: \$8,400.

EA-0078. *Halting Critical Habitat Loss and Hunting—the Two Main Threats to the Survival of Aders' Duiker, One of the World's Most Endangered Antelopes.* In partnership with the Wildlife Conservation Society. The grant will support strengthening of law enforcement and development of an early warning system, to address the two main threats to Aders' duiker—habitat degradation/destruction and illegal hunting—and build the capacity of government staff and Village Conservation Councils to conduct effective wildlife law enforcement, duiker surveys, and long-term duiker monitoring programs.
USFWS: \$26,998. Leveraged Funds: \$26,673.

EA-0083. *Strengthening Support for Science-based Conservation of Siberian Crane Habitats at Poyang Lake, China.* In partnership with the International Crane Foundation. The grant will support development of an Interpretive Strategy for Poyang Lake National Nature Reserve (PLNR) that would link education and public information efforts closely with addressing the threat of damming Poyang Lake, which would severely affect the last wintering ground for the Siberian crane. The grantee will develop tools to influence opinion and decisions about the future of the lake, provide the reserve with practical experience and training to support continuing implementation of the Interpretive Strategy, communicating from a science base the needs of water birds and wetlands, and the significant benefits brought to people by the productivity of these fluctuating waters of Poyang Lake, and disseminate the latest scientific research on the crane and its wetland habitats to diverse audiences.
USFWS: \$30,000. Leveraged Funds: \$52,150.

EA-0085. *Giant Sable of Angola (Hippotragus niger varian): Luando Strict Reserve Population Census and Production of an Educational CD-ROM for Local Schools.* In partnership with Giant Sable Fund, Inc. The grant will support the study, protection, recovery and conservation of the giant sable populations in Angola. Activities include surveys and monitoring, reduction of illegal hunting, reduction of population impact for the giant sable populations in reserves, capacity building both at local and national levels, so that more people can actively participate in these efforts, and education and outreach programs.
USFWS: \$26,730. Leveraged Funds: \$43,725.