



DIVISION OF INTERNATIONAL CONSERVATION
AFRICAN ELEPHANT CONSERVATION FUND
SUMMARY OF GRANTS 2002

Management and Conservation of Elephants in West Africa. In partnership with Conservation International. FWS: \$105,295. Leveraged funds: \$226,059. Building technical capacity and professional development of young West African conservationists to manage and conserve elephants in Ghana and Côte d'Ivoire. These biologists will be trained in the latest methods and techniques of elephant monitoring and management and will form the nucleus of a new cadre of young professional conservationists in West Africa.

Managing Land-Use for Elephants and Humans on Mount Kenya-Kenya. In partnership with Mt. Kenya Elephant Project. FWS: \$20,935. Leveraged funds: \$4,950. Support to the Mt. Kenya Elephant Project to continue an applied research project in the area around Mount Kenya to provide vital information for the management the African elephant (*Loxodonta africana*) and its habitat.

Collaborative Assessment of Elephant Impacts on Plant and Habitat Biodiversity of the Kruger NP-II-South Africa. In partnership with University of Witwatersrand. FWS: \$25,660. Leveraged funds: \$47,900. Collaborative research project with the staff of Kruger National Park, South Africa, to provide vital information for the management the African elephant and its habitat, particularly in reference to trees.

Elephant Conservation in the Transboundary Kilimanjaro Landscape-Tanzania. In partnership with African Wildlife Foundation. FWS: \$102,551. Leveraged funds: \$164,926. An integrated project to address the large-scale conservation issues of elephants in the Tanzania-Kenya border area. Data on habitat utilization, movements, human-elephant conflict, mortality and other population parameters will be used to suggest management and community conservation efforts in this area.

Elephants, Crops, and People-Part II-Uganda. In partnership with ECP-Uganda. FWS: \$39,950. Leveraged funds: \$39,450. This project seeks to provide an information base on elephant populations, movements, and threats and to increase the capacity of

local individuals to act as conservationists who seek alternatives to killing elephants as problem animals.

Review of Elephant Management Strategy-Botswana. In partnership with Botswana Department of Wildlife and National Parks. FWS: \$50,983.87. Leveraged funds: \$70,455.80. A review of the Botswana Elephant Management Plan of 1991 to guide the DWMNP to obtain the necessary information to fill gaps in the knowledge base and to subsequently produce a effective conservation and management plan for elephants.

Elephants of a New Century-Kenya. In partnership with African Environmental Film Foundation [AEFF]. FWS: \$40,000. Leveraged funds: \$330,913. An educational film on current conservation issues of African elephants (*Loxodonta africana*). The resulting production will be a one-hour, fact-based film narrated in Kiswahili, English, French, Mandarin, Spanish, Japanese, and Arabic, to be distributed free of charge, on a grass-roots level and internationally.

Atelier pour l'Elaboration d'un Plan d'Aménagement National des Eléphants en Côte d'Ivoire-Ivory Coast. In partnership with Ministère des Eaux et Forêts, Côte d'Ivoire. FWS: \$19,733. Leveraged funds: \$3,410. A workshop and related activities to produce a national elephant management strategy. This activity follows mandate from the AfESG West Africa Strategy document.

Reinforcement of Surveillance Structures in the Minkebe Forest-Gabon. In partnership with WWF-US. FWS: \$80,974. Leveraged funds: \$140,100. Protection and community conservation activities for the benefit of African elephants (*Loxodonta africana*) in and around the Minkebe Reserve, Gabon, in collaboration with the Gabonese Ministry of Water and Forests, a French logging company (SHM), and local communities. Particular emphasis is placed on controlling illegal bushmeat commerce and ivory trade.

Nouabale-Ndoki Forest Project: Applied Research for Conservation-Republic of Congo. In partnership with Wildlife Conservation Society. FWS: \$99,940. Leveraged funds: \$172,024. Applied research on the movements, distribution, and threats to African forest elephants (*Loxodonta africana cyclotis*) in and around the Nouabale-Ndoki NP, Congo, and the Sangha-River Trinational Conservation Area, and capacity-building among the area's ecoguards.

Control of Elephant Poaching and Bushmeat Export around the Lac Tele Community Reserve-Republic of Congo. In partnership with Wildlife Conservation Society. FWS: \$48,898. Leveraged funds: \$89,416. A protection and monitoring

program, with a training and reporting component, to control traffic of illegal elephant and other wildlife products in northern Congo Republic, including bushmeat and ivory.

Community-based Conservation of the African Elephant on Lewa Wildlife Conservancy and Adjacent Areas-Kenya. In partnership with Lewa Wildlife Conservancy. FWS: \$38,653. Leveraged funds: \$175,993. Protection and monitoring of African elephants (*Loxodonta africana*) in and around the Lewa Wildlife Conservancy, Kenya, and capacity-building among local conservationists.

Ecology, Population Structure and Movements of Elephant Populations in Northern Botswana-Botswana. In partnership with Conservation International. FWS: \$101,370. Leveraged funds: \$158,805. Following the pilot phase, this project will supply essential information on Africa's largest population of savanna elephants and the threats surrounding them and their habitat. The project uses state-of-the-art satellite and GPS tracking of elephants and annual aerial surveys, along with detailed information from ground observations.

Human-Elephant Interaction in Northern Botswana-Botswana. In partnership with Conservation International Cape Town Regional Office. FWS: \$72,611. Leveraged funds: \$123,074. A complementary project to AfE-0137, this study focuses on human-elephant conflict mitigation and the knowledge base necessary to minimize future conflict through effective land-use planning, management, and education.

Consolidation of Surveillance and Anti-poaching for the Conservation of the Comoe National Park Elephant Population, Côte d'Ivoire. In partnership with World Wildlife Fund-US. FWS: \$99,989. Leveraged funds: \$99,989. A program of protection and management of an important West African elephant population of Comoe NP, Ivory Coast.

Savanna Elephant Vocalization Project-Kenya. In partnership with Savanna Elephant Vocalization Project. FWS: \$25,000. Leveraged funds: \$104,220. Research and collection of savanna elephant vocalizations with the aim of producing an internet-available database for scientists and others. High-quality, digital recordings and their contextual underpinnings are potential tools that may be used to monitor and census wild elephants, and to deter them from areas of human habitation. There are also conservation education and animal welfare applications, particularly in elephant translocation work and to monitor the state of elephants in captivity.

Molecular Genetics of African Elephants: Systematics, Biogeography, and Conservation. In partnership with National Cancer Institute, Laboratory of Genomic Diversity. FWS: \$100,000. Leveraged funds: \$133,055. A three-year research project

to: determine, among other things, whether West African elephants belong to a third elephant taxon, distinct from forest and savanna elephants; determine the geographic provenance of ivory using genetic markers, identify genetic differences among elephant populations to determine conservation priorities at continental, regional and local levels; determine the importance of hybridization between forest and savanna elephants to the conservation strategy for elephants in Africa, collect samples from additional locations; and, to develop genotyping resources for use by African elephant researchers in the field.

Emergency Support to the Mara Conservancy-Kenya. In partnership with Mara Conservancy. FWS: \$36,191. Leveraged funds: \$74,388. Vehicle support to protection and monitoring teams working in the western portion of the Maasai-Mara region of southern Kenya.

Role of Seismic Communications in Elephants-Namibia. In partnership with Stanford University. FWS: \$23,991. Leveraged funds: \$43,747. A study to examine seismic communications in elephants and their potential conservation and management applications.

Patrol-Monitoring Program for Virunga National Park-Democratic Republic of the Congo. In partnership with The Zoological Society of London. FWS: \$58,150.00. Leveraged funds: \$315,582. Patrol-based monitoring for security and other management objectives, including a MIKE population study in eastern DRC.

Control of Elephant Poaching in the Okapi Faunal Reserve (OFR), through Establishment of Infrastructure and Expansion of Elephant and Community Monitoring, Democratic Republic of the Congo. In partnership with Wildlife Conservation Society. FWS: \$63,495. Leveraged funds: \$81,580. A monitoring and protection program in the Democratic Republic of Congo [DRC]. The goals of the project are to control the ever-present pressure from a diverse array of elephant poachers and to institute a coordinated system for monitoring elephant (*Loxodonta africana cyclotis*) populations and the traffic of illegal elephant products, such as ivory and bushmeat.

The Dynamics of Savanna Elephants in Etosha National Park-Namibia. In partnership with The University of Pretoria. FWS: \$75,712. Leveraged funds: \$71,954. A project to develop local capacity to monitor and manage elephants populations and their ecosystem with a view to the large-scale ecological issues of the area and the development of long-term conservation strategies.

Appui à la Promotion de la Mise en Oeuvre de la Stratégie pour la Conservation des Eléphants en Afrique de l'Ouest: Phase II. In partnership with IUCN/SSC African

Elephant Specialist Group. FWS: \$21,000. Leveraged funds: \$87,328. A two-year implementation project for the West African Elephant Conservation Strategy. Activities include capacity building among the range state governments and other conservation organizations in West Africa. A primary focus of this grant is to assist in the production of peer-reviewed national elephant management plans.

Population Ecology and Conservation Management of the Savanna Elephants of Southern Mozambique, Phase II. In partnership with Peace Parks Foundation. FWS: \$19,427. Leveraged funds: \$28,852. To assist the Peace Parks Foundation and their partners from the University of Pretoria to complete work in a proposed transfrontier conservation area (TFCA) between the Republic of South Africa and the Republic of Mozambique.

Production of Guidelines for the Reintroduction and Translocation of African Elephants. In partnership with IUCN/SSC African Elephant Specialist Group. FWS: \$16,035.50. Leveraged funds: \$20,712. To develop practical guidelines based on best practices for the reintroduction and translocation of African elephants (*Loxodonta africana*).

Elephant and Rhino Aerial Monitoring in Meru NP, Kenya. In partnership with The Lewa Wildlife Conservancy. FWS: \$19,963. Leveraged funds: \$28,852. To assist the Kenya Wildlife Service, through their partners at the Lewa Wildlife Conservancy, to maintain aircraft that are vital to monitoring and surveillance for protection of African elephants (*Loxodonta africana*) in Central Kenya.

Monitoring and Research on the Newly-established Elephant Population at Greater St. Lucia Wetland Park. In partnership with University of Natal. FWS: \$11,310. Leveraged funds: \$16,389. To monitor elephants in the Greater St. Lucia Wetlands Park [GSLWNP], South Africa. Elephants have been recently reintroduced here, and wildlife managers are now at a critical stage in the process that intends to rehabilitate the park and its natural faunal assemblage. This area has tremendous conservation and touristic potential and is contiguous with important habitat in Mozambique.

Is There a Better Way to Count Elephants? In partnership with University of Massachusetts-Amherst. FWS: \$19,417. Leveraged funds: \$60,154. An applied research for the benefit of African elephants (*Loxodonta africana*) in southern Africa. The research supports a study to compare the standard aerial transect method and the DISTANCE method with total aerial counts in Kruger NP, South Africa.

Elephant Protection and Monitoring in the Greater St. Lucia Wetland Park-KwaZulu Natal, South Africa. In partnership with KwaZulu-Natal Wildlife. FWS:

\$20,200. Leveraged funds: \$143,460. To purchase a four-wheel drive vehicle that will be used to monitor and protect elephants in the Greater St. Lucia Wetlands Park [GSLWNP], South Africa.

Enhancement of KWS Airwing Patrol/Anti-poaching Capabilities, Kenya. In partnership with Kenya Wildlife Service. FWS: \$81,050. Leveraged funds: \$353,675. To acquire a reconditioned aircraft, to repair three aircraft in need of periodic maintenance and revision, and to conduct advanced maintenance training. These aircraft are essential components of the KWS's integrated program for the monitoring and protection of the country's population of African elephants.

Fifth African Elephant Range States Dialogue Meeting. In partnership with The CITES Secretariat. FWS: \$100,000. Leveraged funds: \$111,400. To provide delegate travel and lodging expenses, and to facilitate the Fifth African Elephant Range States Dialogue, to be held in Santiago, Chile, in the days preceding the Twelfth Conference of the Parties [COP] to the Convention on the International Trade of Endangered Species [CITES].

Kunene West Elephant Monitoring Project. In partnership with Save the Rhino Trust, Elephant Project. FWS: \$29,800. Leveraged funds: \$57,000.

MIKE Elephant Population Surveys in the Forest Sites of Central Africa. In partnership with CITES MIKE Programme "Monitoring Illegal Killing of Elephants." FWS: \$148,390. Leveraged funds: \$167,400.

MIKE Data Management Development and Training. In partnership with CITES MIKE Programme "Monitoring Illegal Killing of Elephants." FWS: \$50,000. Leveraged funds: \$554,000.