

U.S. Fish and Wildlife Service, International Affairs  
Division of International Conservation

CFDA 15.620

**Multinational Species Conservation Fund - African Elephant Program  
Summary of Projects 2005**

30 Grants      Total FWS Funding: \$ **\$1,397,416**      Total Leveraged Funds: \$  
**\$2,447,255**

**Support for a Mobile Anti-poaching Force in Gabon.** Assists elephant protection by providing resources to plan, equip, and initiate a specialized group of wildlife protection experts from the Ministry of Forest Economy [MFE] and the Conseil National des Parcs Nationaux [CNP] in Gabon. In partnership with Wildlife Conservation Society. USFWS \$98,071; Leveraged by \$110,300.

**Genetic Variation in the Forest Elephant (*Loxodonta cyclotis*) in Central Africa.** Applies genetic research that will provide essential information regarding the spatial patterns of genetic diversity, gene flow and population dynamics using polymorphic microsatellite loci. These data will provide the basis for a conservation management plan for Central African elephants, with ongoing graduate training for a Gabonese scientist. In partnership with Centre International de Recherches Medicales de Franceville. USFWS \$29,785; Leveraged by \$41,770.

**2005 Population Survey of the Tsavo Ecosystem.** Supports a total count survey of Kenya's largest protected area under the guidance of the CITES Monitoring of the Illegal Killing of Elephants [MIKE] Programme. In partnership with Kenya Wildlife Service. USFWS \$46,858; Leveraged by \$41,900.

**National Strategy for Elephant Conservation in Liberia.** Assists the Government of Liberia and other stakeholders in organizing and executing a national technical workshop to draft a national strategy for elephant conservation and management. In partnership with Forest Partners International. USFWS \$31,476; Leveraged by \$18,276.

**Northern Ghana Elephant Migration Corridor Project.** Coordinates stakeholder engagement, participation, and in-country stakeholder ownership of the design/planning of a Trans-Boundary Corridor Implementation Plan for the Ghana component of the Nazinga-Kabore-Tambi-Red Volta-Doung Wildlife Corridor. This grant also supports the ecological research necessary to inform this process, and the resulting documents will assist neighboring countries to formulate their own implementation plans. In partnership with Nature Conservation Research Centre. USFWS \$60,380; Leveraged by \$86,000.

**Where are the Conservation Corridors for Elephants in Northern Tanzania?** Provides support to collar ten elephants with satellite collars in order to map individual range. Collar data will be used to relate elephant movements to overall annual range use,

to identify corridors used by elephants, and to correlate elephant distribution to various natural resources using geographic information systems. In addition the recipient will gather local information and disseminate the project's findings through workshops with local communities and meetings with wildlife managers. In partnership with Elephants Without Borders c/o Curt Griffin. USFWS \$61,404; Leveraged by \$42,240.

**Where are the Transfrontier Conservation Corridors for Wildlife in the Lower Kwando River Basin of Southern Africa?** Provides for systematic aerial surveys of wildlife in the Lower Kwando River Basin of southern Africa (including Botswana, Namibia, Angola and Zambia) and 2) working with wildlife managers to identify and protect conservation corridors in the region. In partnership with Elephants Without Borders c/o Curt Griffin. USFWS \$22,736; Leveraged by \$46,686.

**Development of Kenya's National Elephant Conservation Strategy.** Supports the engagement of a qualified consultant to facilitate the development of a strategy for Kenya's estimated 28,000 elephants. The consultant will collaborate with the Kenya Wildlife Services' Elephant Programme and a new Technical Advisory Committee, to coordinate six regional stakeholder workshops in order to draft an integrated national strategy that has wide political support. The strategy will address current threats and issues, prioritize national-level biological goals, identify management actions, and outline a financing plan in order to ensure the long-term conservation of the country's elephants. In partnership with Kenya Wildlife Service. USFWS \$25,892; Leveraged by \$20,794.

**South Rift Elephant Project, Kenya.** Trains and employs twenty-two game scouts from local communities to monitor wildlife, including elephants, and to perform anti-poaching patrols. Information collated from elephant observations by researchers and by scouts will be used to identify key corridors of elephant movement between protected areas and sub-populations within southern Kenya. In partnership with African Conservation Centre. USFWS \$50,521; Leveraged by \$82,000.

**Assigning African Elephant DNA to Geographic Region of Origin: Applications to the Ivory Trade.** Assists elephant conservation and management by providing a technique that can improve the ability to verify the geographic origin of tusks. In partnership with University of Washington. USFWS \$57,841; Leveraged by \$65,265.

**Law Enforcement Programme for the Virunga National Park, Democratic Republic of Congo.** Equips and trains a contingent of rangers of the Institut Congolais pour la Conservation de la Nature [ICCN], to protect elephants, gorillas and other endangered wildlife in the Virunga National Park in eastern DRC. In partnership with Frankfurt Zoological Society. USFWS \$53,120; Leveraged by \$403,527.

**Elephant Surveys in the Central African Republic, Sudan and Tchad with a View Toward Launching Conservation Initiatives in These Countries of Critical Importance to the African Elephant.** Assists elephant conservation and management by providing resources to plan and initiate a series of aerial surveys, using techniques approved by the CITES Monitoring of the Illegal Killing of Elephants Programme [MIKE] in Sudan. The Recipient of this grant will: conduct aerial sample counts of

elephants and other large mammals over 230,000 km<sup>2</sup> of Sudano-Guinean savannas in northcentral Africa; coordinate efforts with the CITES Monitoring of Illegal Killing of Elephants [MIKE] Programme; inform the strategic wildlife conservation planning process in the surveyed countries; and work with the government Sudan to improve the information base and the capacity of wildlife management agencies to conserve and manage elephant populations and protected areas. In partnership with Wildlife Conservation Society. USFWS \$31,762; Leveraged by \$141,053.

**Support to the Core Activities of the IUCN/SSC African Elephant Specialist Group.**

Compiles and synthesizes information on the conservation and status of the African elephant across its range; provides and improves technical information and advice on the conservation of Africa's elephants to range states government agencies, non-governmental organizations, inter-governmental agencies, and non-range state governments; promotes and catalyzes conservation activities on behalf of Africa's elephants to be carried out by the above; and builds capacity through the exchange of ideas, information and technical expertise among the members of the group. In partnership with IUCN-The World Conservation Union. USFWS \$99,019; Leveraged by \$127,860.

**Aerial Surveillance & Security of Elephants in Northern Kenya.** Conducts aerial surveys on the community conservation areas that comprise the Northern Rangelands Trust and adjacent lands. Elephant populations in this region are beyond the boundaries of the national protected area system and are susceptible to insecurity and poaching. Aerial surveys, conducted twice per month, will monitor the presence of elephants. During these flights, the position and approximate number of elephants and the presence and location of any elephant carcasses or other security threats will be recorded. This information will be communicated to community rangers and to Kenya Wildlife Services (KWS) rangers to allow them to deploy scouts accordingly. In partnership with Lewa Wildlife Conservancy. USFWS \$12,000; Leveraged by \$512,175.

**Wildlife Surveillance & Security (Uniforms).** Supplies new uniforms for the private security teams that operate throughout Meru, Laikipia, Isiolo and Samburu. The rangers assist national authorities (including the Kenya Police Reserves and the Kenya Wildlife Services) to patrol and provide security within national parks, national reserves, private wildlife sanctuaries, forest reserves, and community conservancies. In partnership with Lewa Wildlife Conservancy. USFWS \$31,595; Leveraged by \$24,002.

**Forest Elephant Public Awareness Project (FEPAP).** Assists media professionals and other concerned parties in the Republic of Congo with the training and equipment necessary to produce programming relevant to rural audiences on the subject of forest elephant conservation and management. In partnership with International Conservation and Education Fund. USFWS \$43,147; Leveraged by \$20,725.

**Support for Hunting Management in the South and West of the Lope-Chaillu Landscape, Gabon.** Assists forest elephant conservation and management by providing support to anti-poaching activities in key habitat near the Lope and Waka National Parks that is increasingly vulnerable due to the construction of a new 120 km. road through

previously inaccessible forest. In partnership with Wildlife Conservation Society. USFWS \$60,002; Leveraged by \$61,934.

**2005 Population Survey of Northern CAR/Southern Tchad.** Supports Aerial surveys and reports that will suggest appropriate conservation and management strategies for savanna elephants in this important area of north central Africa. The recipient of this grant will work with the Wildlife Conservation Society to: conduct aerial surveys of selected MIKE areas and others with relevance to elephant conservation; present results of surveys to all concerned ministries and other stakeholders; work the African Elephant Specialist Group to develop a sub-regional elephant management strategy; assist development of a country by country strategy with a protection component for these populations; secure agreement of the governments of Sudan, the Central African Republic, and the Republic of Chad to develop an agenda for international elephant conservation measures to be discussed at a special meeting of the World Wilderness Conference in September 2005. In partnership with CITES MIKE Programme. USFWS \$51,077; Leveraged by \$65,093.

**Support for the Development of the Central Africa Elephant Conservation Strategy** Provides for workshop and follow-up exercises to assist the Central African elephant range states to conserve elephants through a sub-regional strategy for the conservation and management of elephants in Central Africa. The countries included are: Cameroon, Chad, Republic of Congo, Democratic Republic of Congo, Central African Republic, Equatorial Guinea, and Gabon, and the meeting will take place in Limbe, Cameroon. In partnership with IUCN-The World Conservation Union. USFWS \$38,630; Leveraged by \$79,570.

**Community Markets for Conservation - Sustaining the Poacher Transformation Program.** Assists elephant conservation and management by providing alternatives, through sustainable agriculture, to poaching elephants and other wildlife in Zambia. In partnership with Wildlife Conservation Society. USFWS \$55,684; Leveraged by \$65,911.

**Dzanga Forest Elephant Study, Central African Republic.** Supports surveillance and monitoring of the forest elephant population in the Dzanga Clearing; trains research assistants in the collection of baseline data and elephant identification; collaborates with the Dzanga-Sangha Project of WWF in anti-poaching efforts, thereby providing protection for these elephants; and, develops the first forest elephant lexicon to be used in acoustical monitoring of forest elephants in collaboration with the Cornell University Bioacoustics Laboratory. In partnership with Wildlife Conservation Society. USFWS \$33,183; Leveraged by \$39,274.

**Conservation of the Forest Elephant in and around the Banyang-Mbo Wildlife Sanctuary, South-West Province, Cameroon.** Trains Cameroonian conservationists and assists them in conducting surveillance and monitoring of the forest elephant population in the Sanctuary; increases capacity of Cameroonian government staff for the execution of anti-poaching activities; and, implements appropriate methods for elephant

deterrence in areas of greatest human-elephant conflict. In partnership with Wildlife Conservation Society. USFWS \$40,106; Leveraged by \$36,416.

**Conservation of Elephants in the Akagera National Park, Rwanda.** Enables the recipient to 1) determine the current population size and distribution of Akagera elephants, 2) establish a ranger-based monitoring system to collect information on elephant distribution and resource use within Akagera National Park, 3) identify sources of conflict between elephants and people, and 4) develop a conservation action plan for Akagera elephants. The project will include a ground census of elephant dung, quantification of human-elephant conflict around the park, establishment of a database for elephant ecology and conflict data, and a workshop to develop a conservation action plan for the region. In partnership with Wildlife Conservation Society. USFWS \$30,552; Leveraged by \$28,944.

**Research and Conservation of Elephants in the Transboundary Zambezi Heartland.** Assists local wildlife managers to obtain and use information on the distribution and movements of elephants within the Zambezi basin in northern Zimbabwe, southern Zambia and western Mozambique. The Recipient of this grant will 1) conduct aerial surveys to census elephants and other large mammals in the Zambezi landscape, 2) deploy satellite collars on ten elephants to track individual movements, and 3) train and mentor local protected area authority managers to increase local capacity to conduct elephant research and management. In partnership with African Wildlife Foundation. USFWS \$59,000; Leveraged by \$116,581.

**Developing Human-Elephant Conflict Mitigation Models in the Four Corners Region of Southern Africa.** Establishes a center in Livingston, Zambia where wildlife personnel will be trained in preventing, evaluating and mitigating human-elephant conflict around agricultural areas. In partnership with Wildlife Conservation Society. USFWS \$59,491; Leveraged by \$32,841.

**Nouabale-Ndoki Forest Elephant Project: Applied Research for Conservation, Phase 5.** Assists elephant conservation and capacity building by monitoring, assisting anti-poaching activities, and systematic training of local personnel, in and around the Nouabale-Ndoki National Park in the northern Republic of Congo. The Recipient of this grant will: monitor elephants and other wildlife by direct observations at baïa (forest openings) and through transect surveys; protect elephants through increased anti-poaching patrols; mitigate human-elephant conflict around Bomassa; monitor key sites with aerial videography; train national and Sangha River Trinational staff, maintain database and disseminate relevant information among partners. In partnership with Wildlife Conservation Society. USFWS \$49,985; Leveraged by \$18,046.

**Elephant Conservation and Monitoring in Multiple-use Forests of the Sangha/Likouala Provinces, Republic of Congo.** Assists elephant conservation and monitoring activities in forestry concessions in the vicinity of a national park in the northern Republic of Congo. In partnership with Wildlife Conservation Society. USFWS \$79,889; Leveraged by \$24,319.

**Zambia IV.** Assists African elephant conservation efforts in the Chifunda/Chikwa and Fulaza blocks of the Musalangu Game Management Area and the adjoining North Luangwa NP, by establishing facilities to enable effective anti-poaching activities to be undertaken. The Recipient of this grant will: construct housing and water wells for the use of the game scouts; provide transportation materials, including tires and fuel, and construction of a medical and maternity ward to serve game scouts and their families. In partnership with Southern African Wildlife Trust. USFWS \$34,996; Leveraged by \$36,750.

**Mokabi Forest Elephant Protection Project.** Assists elephant conservation and management by providing infrastructure, equipment and other support to ecoguards who will patrol an important portion of elephant habitat in the Sangha-River Trinational Conservation Area, in the northern Republic of Congo. In partnership with Wildlife Conservation Society. USFWS \$43,708; Leveraged by \$42,299.

**The Population Status of African Elephant (*Loxodonta Africana*) and Human-Elephant Interaction in Ghebera Churchura National Park, Ethiopia.** Determines the population status, population characteristics and habitat associations of the elephant population and human-elephant interaction in the area of the Chebera Churchura National Park. In partnership with Ethiopian Wildlife and Natural History Society. USFWS \$5,506; Leveraged by \$6,931.