



**DIVISION OF INTERNATIONAL CONSERVATION
AFRICAN ELEPHANT CONSERVATION FUND
SUMMARY OF GRANTS 2001**

Tracking the Origin of African Elephant Ivory. In partnership with University of Washington School of Medicine. FWS: \$75,000. Leveraged funds: \$70,800. Development of the ability to genetically identify elephant individuals and populations and products derived from them for conservation and law enforcement purposes.

Elephant Research and Conservation in the Tarangire-Manyara Ecosystem-Tanzania. In partnership with African Wildlife Foundation. FWS: \$106,965. Leveraged funds: \$120,950. Research on the movements, habitat utilization, and human/elephant conflict in northern Tanzania.

Community-based Conservation of the African Elephant in Il Ngwesi/Lekurruki Group Ranches and Surrounding Areas-Kenya. In partnership with Il Ngwesi Group Ranch. FWS: \$37,285. Leveraged funds: \$34,286. Development of community conservation and field activities for the conservation of elephants on group ranches in north central Kenya.

Acquisition of Elephant Capture Equipment-South Africa. In partnership with KwaZulu-Natal Nature Conservation Service. FWS: \$137,321. Leveraged funds: \$232,192. Support to equip KZNNCS field teams and enable them to perform important elephant and rhinoceros translocations as part of their overall wildlife management strategy in the Republic of South Africa.

Support to the Lusaka Agreement Task Force-Kenya/Tanzania/Congo. In partnership with Lusaka Agreement Task Force. FWS: \$129,500. Leveraged funds: \$660,100. Support for the international activities of the Lusaka Agreement Task Force [LATF] for the conservation of African elephants in signatory countries, particularly in reference to illegal commerce of ivory.

Delivery of a Piper Super Cub (PA-18-150) to Kenya Wildlife Service-Kenya. In partnership with Friends of Animals. FWS: \$20,950. Leveraged funds: \$78,446. Assistance to KWS by supporting transport costs to bring a refurbished aircraft from Israel to Nairobi for use in elephant protection and monitoring projects in Kenya.

Training by an experienced instructor will also be provided to augment the skills of KWS pilots and to give experience with this particular type of aircraft.

Atelier sur l'Elaboration d'une Stratégie Nationale de Gestion des Eléphants-Burkina Faso. In partnership with Direction de la Faune et des Chasses, Burkina Faso. FWS: \$14,483. Leveraged funds: \$3,338. Support for a workshop to bring together national, regional, and international experts to examine the current state of knowledge, to determine the necessary basis to produce the management strategy, and to develop a plan to raise the knowledge base to the necessary state.

Aerial Monitoring of Elephants in Maasai-Mara Game Reserve-Kenya. In partnership with Kenya Wildlife Service. FWS: \$28,600. Leveraged funds: \$9,100. The purpose of this grant is to assist the Kenya Wildlife Service [KWS] to conduct aerial surveys in the Maasai-Mara Reserve and surrounding elephant range as part of the overall national database and conservation planning.

Support to Kruger NP's Rangers-South Africa. In partnership with Honorary Rangers, South African National Parks. FWS: \$38,572. Leveraged funds: \$18,000. Procurement of needed equipment (water trailers) for the protection and conservation of African elephants and other wildlife.

Niassa Game Reserve Elephant Protection Program-Mozambique. In partnership with Niassa Game Reserve. FWS: \$140,180. Leveraged funds: \$278,180. Procurement of needed equipment, continuation of applied research and monitoring, and provide game scout training for the protection and conservation of a large population of African elephants in the Niassa Game Reserve in northern Mozambique.

Anti-poaching Assistance for Niokolo-Koba NP-Senegal. In partnership with The Friends of Animals. FWS: \$60,070. Leveraged funds: \$149,819. Provision of equipment to park rangers to support their efforts to protect elephants and other wildlife that are now receiving increased pressure from poachers for bushmeat and elephant ivory.

Elephant Listening Project-Part II-Central African Republic. In partnership with Cornell Bioacoustics Research Program. FWS: \$97,075. Leveraged funds: \$326,772. Procure needed equipment and continue development and applied research on acoustic monitoring of African elephants (*Loxodonta africana*) in the Central African Republic. The research supports the creation of an innovative technique to monitor elephant populations through the recording and analysis of low-frequency communications by elephants. Applications include monitoring of movements, social conditions (i.e. stress), occupancy, number estimation, and threats such as gunshots.

Population Status, Ecology and Transboundary Movements of Elephants in the Okavango-Upper Zambezi Conservation Area-Botswana. In partnership with Conservation International. FWS: \$90,934. Leveraged funds: \$130,225. Study on the population status, ecology, and trans-boundary movements of African elephants (*Loxodonta africana*) in the Okavango-Upper Zambezi Conservation Area, Botswana. The research supports the development of methods and a knowledge base that will play a critical role in the management and conservation of what may be Africa's largest population of elephants, numbering more than 120,000 individuals.

Protection and Evaluation of the Importance of the Langoué Baï in the Proposed Mingouli Protected Area-Gabon. In partnership with Wildlife Conservation Society. FWS: \$100,800. Leveraged funds: \$101,500. Assist protection and monitoring activities for the benefit of forest elephants in “Langoué Baï” and the surrounding area in the Republic of Gabon. This area is now a national park and supports some of Central Africa's most important populations of forest elephants.

Appui à l'Elaboration d'une Stratégie Nationale pour la Conservation des Eléphants-Togo. In partnership with Direction de la Faune et de la Chasse, Togo. FWS: \$14,633. Leveraged funds: \$4,367. Support for a workshop and related activities to produce a national elephant management strategy that follows the West African sub-regional conservation strategy.

Monitoring Environmental Stress in African Elephants through Molecular Analysis of Stress-Activated Proteins-Botswana. In partnership with Northwest Consortium for Wildlife Conservation Research. FWS: \$30,128. Leveraged funds: \$40,329. A pilot project to determine the efficacy and appropriate methods to analyze environmental stress on elephants through the appearance of specific proteins in dermal tissue. Knowledge of this biochemical system may permit wildlife biologists to determine how levels of disturbance and/or nutrition-induced stress are manifested in wild populations.

Elephant Conservation in Mago National Park, Ethiopia. In partnership with US Department of State. FWS: \$99,490. Leveraged funds: \$21,285. Partial financial support for activities of benefit to populations of African elephants and protected area management including an elephant conservation seminar; alternative livestock watering facilities; surveillance and enforcement equipment; and training for new ecoguards.

Elephant and Rhino Conservation Project, Hlane National Park and Mkhaya Game Reserve-Swaziland. In partnership with The Kingdom of Swaziland's Big Game Parks, Swaziland. FWS: \$57,444. Leveraged funds: \$123,424. Protection and monitoring

activities for the populations of elephants in the Big Game Parks of the Kingdom of Swaziland, including procurement and operation of two four-wheel drive vehicles for use by rangers in management operations.

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.

DRC Parks Relief Mission-Democratic Republic of Congo. In partnership with Lukuru Wildlife Research Project. FWS: \$30,000. Leveraged funds: \$27,683. Assistance to the Institut Congolais pour la Conservation de la Nature [ICCN] to protect and manage the African Elephant at key protected areas in the Democratic Republic of Congo [DRC].

Noninvasive Genotyping of African Elephants. In partnership with Smithsonian Institution. FWS: \$33,847. Leveraged funds: \$33,487.