

CFDA 15.619

Multinational Species Conservation Fund – Rhino and Tiger Program Summary of Projects 2006

44 Grants Total FWS Funding: \$1,713,044 Total Leveraged Funds: \$3,346,532

Building the Last Stronghold for Wild Tigers in Southwest China. In partnership with the University of Minnesota. This project will obtain baseline data and develop the capacity needed to re-establish a viable wild tiger population in southwest China. Through a partnership with government, local communities, NGOs, and universities, this project will conduct a systematic survey in Yunnan Province's Nangunhe Nature Reserve to document the status of tigers, their habitats and prey base. FWS: \$33,205. Leveraged Funds: \$52,180.

The Malaysian Tiger Conservation Program, Malaysia. In partnership with Malaysian Conservation Alliance for Tigers (MYCAT). This project will strengthen tiger conservation through partnerships among government and non-government organizations directed at reducing domestic illegal trade in tiger parts, plan strategies for coming years to ensure survival of the tiger; and increase public awareness and support through zoo awareness programs. FWS: \$46,818. Leveraged Funds: \$75,003.

Rhino Conservation in Nepal. In partnership with Wildlife Conservation Nepal. This project will strengthen rhino conservation by arresting poachers and rhino horn traders operating in Nepal, inform the judiciary on wildlife law and the need to protect wildlife, and build support among young people for rhino conservation. FWS: \$66,440. Leveraged Funds: \$36,520.

Sunderbans Tiger Project, Bangladesh. In partnership with University of Minnesota. This project will support the collection of ecological data on tigers, initiate tiger/human conflict response teams, build capacity in the government, and increase national conservation awareness. FWS: \$58,212. Leveraged Funds: \$23,853.

Building a Monitoring System for Tiger Conservation in the Western Forest Complex, Thailand. In partnership with Wildlife Conservation Society. In order to strengthen science based management of tigers and tiger prey in Huai Kha Khaeng and Thung Yai Wildlife Sanctuaries, this project will put in place a process for gathering data on tiger, prey, habitat, and threats. This data will be stored in GIS and wildlife databases, and analyzed for use in the decision making process. FWS: \$50,843. Leveraged Funds: \$92,570.

Lomphat Wildlife Sanctuary, Northeast Cambodia – A Joint DNCP/WildAid Initiative. In partnership with WildAid. This project will train and equip rangers and field staff to ensure that the Sanctuary's wildlife is protected in the long term. The project includes

providing training to rangers on protected areas management, patrol, enforcement, wildlife monitoring, reporting and communication; educating local communities about the conservation importance of the sanctuary; decreasing the dependence of local communities on the sanctuary's resources; and creating a local infrastructure enabling rangers to collaborate with district police and army officials in enforcing nature laws. FWS: \$56,678. Leveraged Funds: \$53,477.

Increasing Law Enforcement Capacity of Quang Nam Forest Protection Department, Vietnam. In partnership with Quang Nam Forest Protection Department. This project will strengthen the capacity of a mobile ranger force charged with stopping illegal trade in wildlife products, especially tiger, gibbon, elephant, and sea turtles. FWS: \$49,960. Leveraged Funds: \$51,180.

Training Professional Biologists for Tiger Conservation. In partnership with Center for Wildlife Studies. This program is training 15 Indian students in a Master of Science course over a two year period through a series of teaching modules covering the biological, quantitative, and socio-economic aspects of conservation science. These measures will help to build up Indian capacity in wildlife science and promote its use in tiger conservation. FWS: \$30,000. Leveraged Funds: \$120,000.

Conservation of Rhino and Tiger in Orang National Park, Assam, India, through Improvement of the Existing Wireless Communication Network. In partnership with Wildlife Areas Development and Welfare Trust. This project will provide radio equipment to facilitate communication among park personnel so they may more efficiently combat wildlife crimes such as poaching, encroachment, deforestation and other biotic pressures and to improve safety of the staff. FWS: \$13,003. Leveraged Funds: \$126,248

Melghat Education Project, India. In partnership with Nature Conservation Society-Amravati. This project will support a comprehensive mobile education program aimed at motivating and assisting the indigenous people of the Melghat Tiger Reserve in taking steps to protect the forest upon which they depend for food, shelter, water and fodder. FWS: \$27,092. Leveraged Funds: \$3,346.

Establishment of Rhinoceros Patrolling, Monitoring, and Survey Unit in Greater Danum Valley Forest Area, Sabah, Malaysia. In partnership with WWF-Malaysia. This project will serve to protect rhinos of the Area from poachers and to generate information that will help to develop recommendations for rhino conservation and protection for use in the new Danum Valley management plan. FWS: \$52,379. Leveraged Funds: \$121,379.

Tiger Conservation: Impact of Single Prey Centric Management on Diversity and Abundance of Other Sympatric Prey. In partnership with Bombay Natural History Society. This project will conduct a study to determine if management for chital alone as a tiger food source affects other prey (such as sambar, four-horned antelope, swamp deer, and muntjac), biodiversity and composition. FWS: \$17,883. Leveraged Funds: \$12,300.

Conserve the Amur Tiger for Future Generations. In partnership with The Wildlife Foundation-Khabarovsk. This project will provide support for environmental and tiger education at an environmental field school, including preparation of a nature interpretation trail, teacher training for schools located in tiger habitat, continued development and distribution of an environmental (tiger centered) board game for children, as well as other tiger conservation outreach activities. FWS \$52,229. Leveraged Funds: \$39,200.

Strengthening and Capacity Building of the Wildlife Areas Development and Welfare Trust (Phase-II). In partnership with Wildlife Areas Development and Welfare Trust. This project will continue the development of the capacity of the Trust to propose, manage, monitor, evaluate, and report on projects for which funding is sought in support of the large mammal conservation program of the Assam Forest Department. FWS: \$21,100. Leveraged Funds: \$27,000.

Javan Rhino Protection Units (RPU) in Ujung Kulon National Park, Java, Indonesia. In partnership with International Rhino Foundation. In order to prevent poaching of the remaining Javan rhinos of the Park, this project will support two of the three RPUs operating in the Park. These units are critical to the continued survival of the species, as this is its last viable population. FWS: \$49,798. Leveraged Funds: \$94,051.

Training of Tiger Range State's Officials in Wildlife Management, India. In partnership with Global Tiger Forum. This project aims to improve the scientific and technical skill of wildlife staff for management of tiger habitats and prey base in tiger range states. This project will support training of forest officers from range countries besides India through participation in either a three-month certificate or nine-month diploma course in wildlife management at the Wildlife Institute of India. FWS: \$42,000. Leveraged Funds: \$38,165.

Fighting for the Minds II: Securing the Future for Amur Tigers through Environmental Education and Community Outreach in Primorye, Russian Far East. In partnership with Phoenix Fund. This project will execute an array of environmental education activities designed to strengthen tiger conservation awareness in Primorye Krai. These activities will include Tiger Day Festivals, tiger conservation banners in schools, tiger conservation sign boards for schools, art contests, calendars using children's tiger drawings, education seminars for children, publication and distribution of an Amur tiger book for kids, classes on tiger conservation at eco-centers, and media outreach. FWS: \$35,000. Leveraged Funds: \$53,800.

Protection of Sumatran Tiger in Kerinci Seblat National Park, Sumatra, Indonesia. In partnership with Fauna and Flora International. This project will continue and extend pre-emptive and positive action to stop the poaching of, and protect the prey base and habitat of, the Sumatran tiger within Kerinci Seblat National Park and its buffer zone forests. Project activities will include frequent and active in-forest patrols, support for law enforcement, case prosecution, and human-tiger conflict situation responses. FWS: \$49,987. Leveraged Funds: \$177,143.

Monitoring Population Trends of Tigers and their Prey Species in Kerinci Seblat National Park, Indonesia. In partnership with University of Kent. This project will conserve tigers in the Park by providing reliable information to assist law enforcement activities aimed at protecting tigers and developing local capacity to conduct science-based tiger monitoring. This project has estimated that 145 adult tigers occur in the Park, which represents one of the largest global tiger populations. FWS: \$51,280. Leveraged Funds: \$20,635.

Mobile Village Tiger Patrols: An Integrated Approach to Tiger Protection through Education, Conflict Mitigation and Law Enforcement, Indonesia. In partnership with Wildlife Conservation Society. This project will enable the tiger population of southern Sumatra to increase by addressing human-tiger conflict, killing of tigers, depletion of the tiger prey base, and deforestation. This project includes human-wildlife conflict patrols, wildlife crimes investigations and legal aid, and educational events to raise awareness about tiger conservation. FWS: \$28,765. Leveraged Funds: \$95,135.

Communities, Wild Tiger and Their Habit: Community Participation in Formulation and Implementation of a Conservation and Education Program, India. In partnership with Aaranyak. This project will engage in planning for the long term protection and survival of wild tigers and their habitat in northeast India through the gathering of necessary information, assessment of the best strategies, and identification of the resources necessary to implement a comprehensive conservation and education program designed to promote participation of local villagers, community organizations, NGOs, and government officials. FWS: \$34,900. Leveraged Funds: \$10,470.

Strengthening the Conservation of Tigers and Their Habitats in Cambodia by Building National Capacity in Applied Conservation at the M.Sc. Level. In partnership with Fauna and Flora International. In order to strengthen the conservation of tigers, other wildlife and their habitats in Cambodia, this project will produce a new generation of qualified and experienced conservation leaders and biologists in governmental, non-governmental and academic sectors. This will be accomplished by establishing an applied Masters of Science program in Biodiversity Conservation; ensuring that the Royal University of Phnom Penh has the necessary resources and capacity to sustain the program and develop applied research projects, and promoting information-sharing among the various portions of Cambodia's wildlife conservation sector. FWS: \$50,000. Leveraged Funds: \$267,132.

Strengthen the Protection Measures in Manas National Park through Improvement of Communication Network as a Part of the Program 'Indian Rhino Vision 2020' to Expand the Numbers and Range of Wild Rhinos in Assam, India. In partnership with Wildlife Areas Development and Welfare Trust. This project will improve the wireless communication network and mobility of frontline forest staff of Manas National Park so that the rhino and its habitat within the park may be better conserved. This project will also benefit tigers, elephants, and the many other species in the park. FWS \$43,331. Leveraged Funds: \$74,196.

Strengthen the Protection Measures in Manas National Park as a Part of the Program 'Indian Rhino Vision 2020' to Expand the Numbers and Range of Wild Rhinos in Assam, India. In partnership with Wildlife Areas Development and Welfare Trust. In order to improve security in the Manas National Park, this project will train and support 50 home guards drawn from local communities so that additional Indian rhinos may be relocated into the Park from other areas of Assam. FWS: \$57,484. Leveraged Funds: \$83,196.

A Workshop on Monitoring Tigers and their Prey Base for Chinese Conservation Professionals, China and Nepal. In partnership with University of Minnesota. This project will support tiger assessment training at Nepal's Royal Chitwan National Park for Chinese field biologists working in China's Bengal and Indochina tiger habitat. Chitwan is an excellent site for such training, as a great deal of tiger sign may be seen in a short time period. FWS: \$32,373. Leveraged Funds: \$18,000.

Linking Ecological Research, Local Knowledge and Collaborative Management for Tiger Conservation in Kuiburi National Park, Thailand. In partnership with WWF-Thailand. This project will provide training and conduct surveys to determine the distribution and relative abundance of tigers and their prey in Kuiburi National Park, Thailand. FWS: \$37,187. Leveraged Funds: \$24,545.

Status, Behavior, and Ecology of the Tiger and Its Prey in the Tennasserim Ecoregion, Southeast Asia, 2004-2008. In partnership with the University of Minnesota. This project's goal is to undertake the first in-depth study of the behavior and ecology of tigers in Thailand and Southeast Asia. It has three distinct components that will integrate the biology of tigers in the region with high priority conservation needs: an in-depth study of the ecology of tigers in western Thailand, the creation of a ranger monitoring program for the Western Forest Complex, and the development of a conservation education program for Thailand's citizens. FWS: \$47,518. Leveraged Funds: \$84,179.

Management and Monitoring of Tigers, Prey, and Human-Tiger Conflict in the Nam Et-Phou Louey National Protected Area (NEPL NPA), Lao PDR. In partnership with Wildlife Conservation Society. This project will conserve internationally important tiger and prey populations in the NEPL NPA by resolving local human-tiger conflicts. The project will work to stop tiger and tiger prey poaching, improve livestock husbandry in villages with chronic tiger depredation problems, increase public awareness and incentives for tiger conservation in villages bordering tiger habitats, encourage sustainable harvest of ungulates, and continue development of long term monitoring of tigers and their prey by national counterparts. FWS: \$45,878. Leveraged Funds: \$62,013.

Protecting the Tiger and Its Habitat in the Nameri Tiger Reserve, Assam, through Ecological Study using Geospatial Tools and Capacity Building of Fringe Villagers, India. In partnership with Aaranyak. This project will strengthen tiger conservation by providing information on tiger and prey population status, gathering information on vulnerability of key Reserve habitats, increasing conservation awareness among fringe villagers, augmenting livelihoods through community empowerment, and developing an action plan. FWS: \$47,240. Leveraged Funds: \$9,900.

Black Rhinoceros Translocation Biology: Monitoring and Experiments in Donor, Translocated, and Post-release Population Management. In partnership with Victoria University of Wellington. This grant supports work to examine rhino behavior and breeding success after translocation and release in protected areas in South Africa. FWS: \$37,890. Leveraged funds: \$69,651.

Black Rhino Surveillance and Security. In partnership with Ol Pejeta Conservancy. This project will provide training and core expenses for security personnel to patrol and protect one of Kenya's key rhino populations, on Ol Pejeta Conservancy in central Kenya. FWS: \$30,344. Leveraged funds: \$30,344.

Nutritional Ecology of the Black Rhinoceros. In partnership with Wits Foundation. This project supports a comparative study of the diet of rhinos in South Africa and Namibia to determine whether nutritional deficiencies in rhino diets affect their reproductive success and population growth rate. FWS: \$20,000. Leveraged funds: \$90,480

Continued Support for Black Rhino Veterinary Requirements in Zimbabwe. In partnership with International Rhino Foundation. The grant funds emergency veterinary expenses to assist rhinos that wander out of protected areas in Zimbabwe or become injured by, or entangled in, poachers' snares. FWS: \$50,000. Leveraged funds: \$90,040.

Black Rhino Anti-Poaching & Monitoring Program in the Chyulu Hills, Kenya. In partnership with International Rhino Foundation. This project supports antipoaching and water provisioning for a little known population of black rhinos outside the Tsavo National Park system in southwest Kenya. FWS: \$44,162. Leveraged Funds: \$86,529.

Black Rhino Monitoring and Conservation in the Western Kunene Region of Namibia, Part II. In partnership with Save the Rhino Trust. The grant will provide support to the recipient to patrol the area, continue the identification and monitoring of individual rhinos, analyze existing data on population viability and growth rates, coordinate activities with local communities and government, begin handing over some conservation custodianship responsibilities to local community conservancies, and participate in tourist expeditions that generate income for communities in the vicinity. FWS: \$44,292. Leveraged funds: \$57,729.

Security and Monitoring of Rhinos in Lewa Wildlife Conservancy, Kenya. In partnership with Lewa Wildlife Conservancy. The aim of this project is to support and enhance the on-going conservation of Black and White rhinos on and near Lewa Wildlife Conservancy in Kenya. This will be achieved through the construction of security housing to enable security personnel to be permanently stationed in the Ngare Ndare Forest, an area that is becoming increasingly important range for Black rhino. This project will also enhance Lewa's radio communication network through the purchase of new hand-held radios to be used by rhino monitoring teams while in the field, and supporting radio-licensing costs for Lewa's extensive radio-network which links LWC, Kenya Wildlife Service, Kenya Police, Laikipia Wildlife Forum and community

conservation areas of the Northern Rangelands Trust to facilitate efficient and effective response to incidents of insecurity across a vast area of northern Kenya. FWS: \$45,502. Leveraged funds: \$156,316.

Ziwa Rhino Sanctuary: Outreach, Education and Core Support. In partnership with Rhino Fund Uganda. This ongoing project to reintroduce rhinos to Uganda will continue to run educational outreach and on-site educational visits, monitor rhino activity, procure and introduce additional white and black rhinos, maintain sanctuary infrastructure and anti-poaching, and train local staff. FWS: \$49,526. Leveraged funds: \$110,690.

Development of Environmental Teaching Suitcases and Conservation Posters for Support of Rhino Conservation in Uganda. In partnership with East Coast Zoological Society (Brevard Zoo). Brevard Zoo has created a series of environmental teaching materials, including items specific to white rhinos. This grant will allow them to provide a set of teaching materials and lesson plans, as well as instruction on how to use them in a classroom or field trip setting, to Ugandan teachers and education coordinators at Rhino Fund Uganda. FWS: \$13,100. Leveraged funds: \$14,998.

Support for Training and Equipment for the Greater Mara Community Scout Programme. In partnership with Friends of Conservation. Continued funding will support wildlife scouts from settlements surrounding the Masai Mara Reserve in Kenya. Activities funded by this project include training, workshops, outreach on mediating human/wildlife conflict, providing security radios and transport costs for patrols, and providing veterinary care for animals released found in illegal hunting snares. FWS: \$38,179. Leveraged funds: \$87,819.

Selous Black Rhino Conservation Project. In partnership with International Rhino Foundation on behalf of the Selous Trust. This project supports security and infrastructure to conserve black rhinos in the relatively undeveloped areas of the Selous Game Reserve in southern Tanzania. Activities will include maintaining basic patrols, locating and regularly monitoring surviving rhinos, and providing capacity building necessary to improve security and knowledge of the rhino population. FWS: \$38,000. Leveraged funds: \$259,800.

Black Rhino Reintroduction: North Luangwa National Park, Zambia, Phase II . In partnership with Frankfurt Zoological Society. This ongoing project to reintroduce rhinos to Zambia will facilitate the capture, delivery, and release of a batch of black rhinos from South Africa to North Luangwa National Park in Zambia. This additional funding will assist with the veterinary expenses necessary to bring the population total to sixteen animals. FWS: \$29,905. Leveraged funds: \$272,000.

IUCN SSC Guidelines for the Translocation of Rhinoceroses for the Purposes of Conservation. In partnership with Zoological Society of London. The Veterinary Specialist Group and the African and Asian Rhino Specialists Groups of the International Union for the Conservation of Nature – Species Survival Commission (IUCN-SSC) will produce a scientifically based guide to rhino reintroduction and translocation

management. Specific activities will include creating a draft document, convening a meeting of approximately fifteen field practitioners with extensive experience in rhino translocation, and preparing a final version for publication in English, French and Portuguese. The resulting document will be distributed as hard copies to range states and will be available, free of charge, on the internet. FWS: \$18,630. Leveraged funds: \$6,500.

Support for Black Rhinoceros Genetic Research, Zimbabwe. In partnership with International Rhino Foundation. Over the past decade, hundreds of black rhinos have been tranquilized for conservation purposes by researchers and wildlife managers in Zimbabwe. Tissue samples taken during these management operations could provide valuable information about the genetic relatedness and reproductive biology of black rhinos. This grant will support genetic analysis of the existing samples and interpretation for future management strategies in the wild. FWS: \$15,000. Leveraged funds: \$22,820.

Support for Rhino Monitoring Bases, Zimbabwe. In partnership with International Rhino Foundation. Important black rhino populations in Zimbabwe occur on private land that has been adversely affected by recent land invasions. In response to the new human settlements, rhinos have been translocated further south, to safer areas. As a result, the rangers monitoring and protecting these rhinos need to move to the same area. This grant will contribute to refurbishing existing buildings in the new region into suitable accommodation for the relocated rhino security personnel. FWS: \$9,931. Leveraged funds: \$44,000.