

**U.S. Fish and Wildlife Service
Division of International Conservation
Rhinoceros and Tiger Conservation Fund Summary FY 2011**

In 2011, the USFWS awarded 53 new grants from the Rhinoceros and Tiger Conservation Fund totaling \$2,638,351.00, which was matched by \$4,103,892.00 in leveraged funds. Field projects in fifteen countries (in alphabetical order by region below) will be supported, in addition to two projects that involve multiple countries.

Africa

In 2011, the USFWS awarded 15 new grants in five African countries and one grant in all range states, totaling \$750,229.00 in USFWS funding which was matched by \$1,462,398.00 in leveraged funds.

Kenya

RT-1091 *Providing a new lease on life for the Laikipia Wildlife Forum's Environmental Education and Literacy Program, in one of the prime black rhino areas of Kenya.* In partnership with Save the Rhino International. This grant will support the purchase of a new bus to be used for environmental education throughout Laikipia District, one of Kenya's most important rhino and elephant areas. The bus will be staffed full-time by an education team and equipped with mobile education materials. It will be deployed to reach 80 school groups and 15 community groups per year.

FWS: \$34,660 Leveraged funds: \$28,140

RT-1163 *Monitoring and evaluating environmental education programs in important rhino areas of Kenya, Tanzania and Zambia.* In partnership with Save the Rhino International. This grant will provide ongoing support to environmental education programs for communities living in or near black rhino habitat in Kenya, Tanzania and Zambia. The project will improve existing programs, develop new educational materials, and evaluate and monitor the effects of outreach programs.

FWS: \$62,588 Leveraged funds: \$109,891

RT-1168 *Increasing capacity for anti-poaching activities and deterrents in and around the Chyulu Hills.* In partnership with Save the Rhino International. This grant will support rhino protection and monitoring in the Chyulu Hills National Park and in neighboring Mbirikani Group Ranch in southern Kenya. The grantee will support patrols by local community game scouts, following up on any illegal wildlife activities, and monitor individual rhinos and habitat use.

FWS: \$75,897 Leveraged funds: \$338,131

RT-1171 *Ensuring protection of the black rhino population at Ol Pejeta Conservancy, Kenya.* In partnership with Fauna and Flora International. This grant will support the upgrading of the regional radio security network to a modern, digital standard. The grantee will improve on-site housing for rangers and support staff training at Ol Pejeta Conservancy, home to one of Kenya's largest black rhino populations.

FWS: \$83,267

Leveraged funds: \$104,406

RT-1172 (also in Namibia) *Improving rhino crime investigation and prosecution in state, community and private land areas of Kenya and Namibia.* In partnership with Save the Rhino International. This grant will support training courses designed to improve conviction rates for rhino poaching in Kenya and Namibia. Courses will include training for wildlife officers in investigating and securing evidence from wildlife crime scenes, properly handling evidence for prosecution, and better conveying the severity of poaching and its impact to other influential partners (including police, military, and the judiciary).

FWS: \$24,585

Leveraged funds: \$54,005

Namibia

RT-1172 (See summary in Kenya section)

RT-1089 *Enhancing rhino security and monitoring capabilities in the Kunene region of Namibia, via a co-operative approach between Save the Rhino Trust and the Ministry of Environment and Tourism.* In partnership with Save the Rhino International. This project will assess the abilities and needs of government field staff and community scouts working together, addressing deficiencies in capabilities through targeted training. The project will improve data collection, analysis and feedback between the government and community rhino custodians to enhance security for desert black rhinos in Namibia.

FWS: \$91,014

Leveraged funds: \$65,153

South Africa

RT-1088 *Improving law enforcement and security for black rhinos and white rhinos in Hluhluwe-iMfolozi Park, South Africa.* In partnership with Save the Rhino International. This grant will support the operating costs of an aircraft to provide security surveillance and rapid response capabilities in Hluhluwe-iMfolozi Park, which has more than 2,000 white rhinos and 200 southern black rhinos.

FWS: \$28,445

Leveraged funds: \$309,422

RT-1166 *Implementing monitoring and extracting demographic profiles of black rhino in Kruger National Park.* In partnership with South African National Parks. This project will intensify rhino monitoring activities in Kruger National Park, home to Africa's largest rhino population. This grant builds upon past U.S. Fish and Wildlife Service support to verify the total number of rhinos in the park, to determine how many animals have been lost to poaching, to identify areas of vulnerability, and to be able to detect the earliest signs of population decline and respond proactively.

FWS: \$24,999

Leveraged funds: \$60,445

RT-1086 *Emergency support to the Mpumalanga Tourism and Parks Agency for white rhino conservation.* In partnership with The Wildlife & Environment Society of Southern Africa (Lowveld region). This project will support rhino monitoring, tracking, and immobilization of as

many as 110 rhinos (to insert transmitters, where necessary, and to collect DNA samples) in Manyeleti, Andover and Loskop nature reserves in Mpumalanga Province, South Africa.
FWS: \$24,999 Leveraged funds: \$66,860

RT-1173 (see project summary in Zimbabwe section)

Zambia

RT-1096 *Support for black rhino conservation through law enforcement training in North Luangwa National Park.* In partnership with North Luangwa Conservation Programme. Support for this ongoing program will provide training and equipment to 180 Zambia Wildlife Authority (ZAWA) wildlife police officers, and advanced training for 30 specialized rhino protection rangers working in and around the black rhino protection zone in eastern Zambia.
FWS: \$88,650 Leveraged funds: \$53,838

Zimbabwe

RT-1090 *Implementing a strategic planning process for rhino conservation in Zimbabwe.* In partnership with Save the Rhino International. This grant will support the development of a new national rhino conservation strategy for Zimbabwe to replace the outdated plan that is currently in effect. Through facilitated meetings between government, rhino experts, and local stakeholders, a new national plan will be written to address emerging issues like community custodianship, active meta-population management, and combating the escalated poaching threat.
FWS: \$20,460 Leveraged funds: \$12,840

RT-1109 *Continued support for rhinoceros management operations, Zimbabwe.* In partnership with International Rhino Foundation. This grantee will continue to work with an experienced team to locate and tranquilize black rhinos in the southeastern Lowveld of Zimbabwe in order to: a) treat the animals for snare injuries and other injuries, b) conduct ear-notching for monitoring, c) fit transmitters for monitoring, and/or d) translocate rhinos in vulnerable areas to places of greater safety.
FWS: \$50,000 Leveraged funds: \$93,275

RT-1161 *Equipping the Lowveld Rhino Trust in Zimbabwe with a new wildlife veterinarian field vehicle.* In partnership with Save the Rhino International. This grant will enable a vehicle to be purchased for dedicated use by veterinarians to assist on essential rhino conservation operations in southeastern Zimbabwe. The vehicle will be specially equipped to support emergency darting and translocation of rhinos by an experienced capture team.
FWS: \$50,000 Leveraged funds: \$61,250

RT-1169 *Rhino management operations in stateland areas of Manicaland and Matabeleland Provinces, Zimbabwe, 2011.* In partnership with International Rhino Foundation. This grantee will work with an experienced team to locate and tranquilize black rhinos in the Manicaland and Matabeleland regions order to: a) treat the animals for snare injuries and other injuries, b)

conduct ear-notching for monitoring, c) fit transmitters for monitoring, and/or d) translocate rhinos in vulnerable areas to places of greater safety.

FWS: \$50,575 Leveraged funds: \$26,112

RT-1173 (also in South Africa) *Improving rhino protection in selected protected areas in Zimbabwe and the Republic of South Africa.* In partnership with International Rhino Foundation. This grant will support security needs assessments of several rhino habitats in Zimbabwe and South Africa, including both private and national park land. Based on the assessments, equipment and training will be provided to improve patrolling ability and, in the event of poaching, to properly collect forensic evidence and conduct investigations to improve prosecution rates.

FWS: \$30,090 Leveraged funds: \$25,000

Range states

RT-1162 *Supporting the core activities of the African Rhino Specialist Group for the benefit of African rhino conservation.* In partnership with Save the Rhino International. This grant will support a portion of the core services provided by the Secretariat of the IUCN's African Rhino Specialist Group, including compiling continental data for the Convention on International Trade in Endangered Species (CITES) and other meetings, providing impartial advice to range states, and maintaining timely communications among range states and experts on emerging issues.

FWS: \$10,000 Leveraged funds: \$53,630

Asia

In 2011, the USFWS awarded 36 new grants in ten African countries and one grant in all range states, totaling \$1,888,122.00 in USFWS funding which was matched by \$2,641,494.00 in leveraged funds.

Bangladesh

RT-1093 *Monitoring tigers and formulating solutions to reduce tiger-human conflict in the Bangladesh Sundarbans.* In partnership with Wildlife Trust of Bangladesh. This project will continue long-term tiger abundance monitoring in the Bangladesh Sundarbans, completing the third Sundarbans-wide tiger abundance survey to assess and analyze changes over the 2007 and 2011 period. The results will be used by management to assess the overall trend in the population and to identify particular areas that require management attention.

FWS: \$11,704 Leveraged funds: \$4,730

RT-1094 *Developing tiger response teams to tackle tiger-human conflict in the Bangladesh Sundarbans.* In partnership with Wildlife Trust of Bangladesh. This project will reduce human-tiger conflict in the Bangladesh Sundarbans through, working with the Forest Department and local villages. The grantee will develop a culturally sensitive strategy based on an investigation into the human dimensions, patterns and impacts of conflict. Every year approximately 50 people, 60-80 livestock and three or more tigers are killed in such conflicts in the region.

FWS: \$52,554 Leveraged funds: \$38,023

Bhutan

RT-1142 *Conserving at the source - protecting tigers, elephants and other wildlife in Bhutan's Royal Manas National Park.* In partnership with The Bhutan Foundation. This project will strengthen anti-poaching capacity of staff in the park to prevent poaching of tigers and other wildlife. The grantee will construct an observation tower at Specialthang, providing vehicular access to the tower by preparing a dirt road. The grantee will also provide radio communication equipment to complete coverage of the park, and tents and rain gear needed by patrol rangers. This project will set the stage for adoption of MIST based patrols in the park.

FWS: \$50,000 Leveraged funds: \$16,000

RT-1145 *Conserving a source population of tigers - monitoring tigers and other wildlife in Bhutan's Royal Manas National Park.* In partnership with The Bhutan Foundation. This project will strengthen Bhutan's capacity to monitor tigers, other carnivores and prey populations in the park in order to detect trends and influence timely management decisions. The grant will support Bhutan's Ugyen Wangchuck Institute for Conservation and Environment in developing and validating tiger population density and habitat estimates for the park. The capacity developed under this project will then be used to scale up monitoring of tigers and their prey in other protected areas of Bhutan.

FWS: \$50,000 Leveraged funds: \$42,000

China

RT-1070 *MIST implementation and Amur tiger monitoring in China.* In partnership with Wildlife Conservation Society. This project will continue the implementation of MIST in Hunchun Nature Reserve and surrounding areas. It will strengthen tiger monitoring by improving protocols and practices and increasing the number of monitoring stations in Jilin and Heilongjiang Provinces. These actions are key to enhancing local capacity for tiger conservation and eliminating direct threats to tigers in northeast China.

FWS: \$78,238 Leveraged funds: \$71,308

RT-1150 *Promoting law enforcement and conflict reduction in Hunchun, China.* In partnership with Wildlife Conservation Society. This project will strengthen law enforcement in public forests in the vicinity of Hunchun Reserve. The grantee will conduct anti-poaching patrolling and a snare removal campaign in collaboration with the Hunchun Forestry Industry Bureau. The number of cattle released into forests near tiger habitat will be reduced by increasing the participation of local communities in tiger conservation and by linking the government stall-fed cattle program with tiger conservation. Hunchun, located in the transboundary area of China, Russia and DPR Korea, is the key to Amur tiger recovery in China.

FWS: \$59,517 Leveraged funds: \$55,158

RT-1158 *Using DNA to track the origin of tiger parts from illegal trade in Asia.* In partnership with Peking University - College of Life Sciences. This project will build an effective communication network for Chinese wildlife law enforcement authorities. It will provide training workshops for CITES, Customs, and Forest Police on illegal tiger trade and wildlife

forensic analysis. These groups will collect and carry out forensic analysis on representative specimens of tiger parts confiscated from illegal trade for the years 2000-2010 as well as from upcoming seizures. By elucidating the origins and routes of the illegal trade in tiger parts entering China, this project will provide information needed for more effective law enforcement operations against poachers and illegal traders operating in China and internationally.
FWS: \$50,600 Leveraged funds: \$32,000

India

RT-1061 *Meta-population dynamics of tiger populations in the Malenad-Mysore Landscape of Karnataka - Brahmagiri-Pushpagiri-Talakaveri and BRT-Cauvery Protected Area Complexes.* In partnership with Wildlife Conservation Society. This project will initiate rigorous monitoring of tigers through camera trap and genetic capture-recapture sampling. Information will be developed on the presence or absence of tigers and prey over a wide region. The results will be used to identify additional core areas for future targeted conservation, identify tiger population sources and sinks, and detect emerging threats to habitat connectivity.
FWS: \$66,377 Leveraged funds: \$66,026

RT-1044 *Noninvasive genetics identity based monitoring of tiger (Panthera tigris tigris) populations in the Protected Areas of Assam, Phase I.* In partnership with AARANYAK. This project will initiate application of noninvasive, cost effective, genetic techniques in the monitoring of the tiger population of northeast India. The grantee will collect and analyze tiger scats from Manas Tiger Reserve, and develop a strategy for the long term genetic population monitoring of the tigers of the Reserve.
FWS: \$48,600 Leveraged funds: \$10,200

RT-1099 *Supporting anti-poaching measures for tiger conservation in proposed Pilibhit Tiger Reserve, Uttar Pradesh State, India.* In partnership with World Wildlife Fund - India. This project will implement a strategic, information-led anti-poaching system and a tiger and prey monitoring program for the proposed reserve. This area is critically important to maintenance of habitat connectivity within the Terai Arc landscape, linking Lagga Bagga forest with Kishanpur Wildlife Sanctuary, and the Terai-Bhabar forests in India with Shukla Phanta Wildlife Reserve in Nepal. Despite its importance for tigers and other wildlife, the area lacks government funding for enforcement because it is still awaiting official designation as a Tiger Reserve.
FWS: \$59,963 Leveraged funds: \$124,833

RT-1120 *Conserving highly endangered tigers in northeast India through awareness (CHETNA).* In partnership with Centre for Environment Education. This project will develop and deliver a tiger conservation education program in the vicinity of Kaziranga and Dibru-Soikhowa national parks. This will directly benefit one hundred schools while also reaching 6,000 schools through the eco-club network. The park directors called for this project out of concern for lack of conservation awareness among local people.
FWS: \$52,425 Leveraged funds: \$8,950

RT-1121 *Legal training for 'Hunting the Hunters-II' - capacity building program in the State of Rajasthan.* In partnership with Tiger Trust. This project will develop the capacity of Rajasthan's

forest officers to collect evidence, maintain the chain of evidence custody, and prepare, document and present cases. The project aims to bring about more successful prosecutions of wildlife crimes, particularly those against tigers and their prey. The grantee will conduct a training program three times during a period of 24 months including Indian wildlife law, post crime procedures, and presentation of evidence in court.

FWS: \$33,030 Leveraged funds: \$11,760

RT-1122 *Legal Training for 'Hunting the Hunters-II' - capacity building program in the State of Assam.* In partnership with Tiger Trust. This project will create a replicable training model that provides legal and technical expertise to park staff at the state level, directly benefiting the park officers, prosecutors, judiciary and other enforcement agencies. The grantee will conduct a training program on Indian wildlife law, post crime procedures, and presentation of evidence in court.

FWS: \$36,690 Leveraged funds: \$11,760

RT-1074 *Study to develop Protected Areas Management Information System of Assam following MIST software..* In partnership with Wildlife Areas Development and Welfare Trust. This project will pilot the development and implementation of advanced management of anti-poaching patrols in Kaziranga National Park utilizing the most up-to-date processes, programs and expertise. The grantee will train staff for MIST monitoring and patrols by Kohora Range anti-poaching camps, develop performance indicators for use in evaluating annual operations plans, and summarize the results for use in decision-making regarding further implementation of MIST in the protected areas of Assam.

FWS: \$43,000 Leveraged funds: \$50,800

RT-1028 *Monitoring tigers by camera trapping in Melghat Tiger Reserve, Maharashtra, India.* In partnership with Wildlife Research and Conservation Society. This grant will support determination of tiger density estimates through camera trap surveys in the Gugamal National Park and Melghat Wildlife Sanctuary portions of the Tiger Reserve. The Reserve authorities will use these density estimates to evaluate their current management interventions. This project is part of a long-term monitoring effort for the tiger and its prey in the Reserve.

FWS: \$46,325 Leveraged funds: \$4,200

RT-1175 *Capacity building project - training of tiger range states' officials in wildlife management.* In partnership with Global Tiger Forum. This project will train five tiger range state forest officers whose current assignments are relevant to tiger conservation. The officers will be enrolled in either the three month or nine month wildlife management course at the Wildlife Institute of India. This is part of a long term initiative to develop a cadre of trained wildlife managers and field personnel to implement tiger conservation across the range countries.

FWS: \$48,862 Leveraged funds: \$42,400

RT-1130 *Strengthen the protection measures in Manas National Park as a part of the program 'Indian Rhino Visions 2020' to expand the numbers and range of wild rhinos in Assam, Phase V.* In partnership with Wildlife Areas Development and Welfare Trust. This grant will support the salary of 40 home guards (another 10 will be supported by the Bodoland Tribal Council) to strengthen security so rhinos may be translocated into the park and remain safe from poaching.

These guards will be drawn from the fringe areas of the park to improve the socioeconomic status of the fringe villagers and develop good relations. Aside from patrolling and guard duty the home guards will encourage fringe villagers to provide information on anti-poaching activities.

FWS: \$54,780

Leveraged funds: \$49,000

RT-1124 *Tiger conservation initiative through community capacity building, human-tiger conflict mitigation education and teachers-for-tiger training programs around the Corbett Tiger Reserve (CTR) in Uttarakhand, India.* In partnership with Conservation Himalayas. This project will raise awareness and understanding of tiger conservation in both the Reserve's fringe communities and local forest officers, so they can interact effectively to minimize human-tiger conflict. It will also create a 'Save-Tiger' network of communities, teachers and students to foster community-based tiger conservation.

FWS: \$49,882

Leveraged funds: \$15,275

RT-1125 *Monitoring tigers and prey animals in the Kaziranga National Park, Assam.* In partnership with AARANYAK. This grant will support year 2 of a project to provide information needed to evaluate management options and develop a science-based strategy for managing the park's tiger population. The grantee will evaluate and monitor the status of tiger, prey and their habitats in the park, identifying existing or possible dispersal routes for tiger into and out of the park and mapping of those using GIS. The project will build the capacity of twenty forest staff and four biologists of the region in tiger research and monitoring.

FWS: \$57,000

Leveraged funds: \$33,800

Indonesia

RT-1034 *Protection and conservation of Sumatran tiger in Kerinci Seblat National Park.* In partnership with Fauna and Flora International. This grant will support routine field patrols and stronger relationships between patrol personnel and forest edge farmers. The program will provide advice to local NGO partners on tiger conservation, facilitate activities to stop park encroachment, work to mitigate human-tiger conflict, and educate forest edge communities and local decision makers about tiger conservation. The project aims to develop a cadre of highly-skilled national park rangers and managers.

FWS: \$52,240

Leveraged funds: \$233,994

RT-1110 *Rhino Protection Units in Ujung Kulon National Park, Java, Indonesia.* In partnership with International Rhino Foundation. This project will protect the population of Javan rhinos living within the park through continued operation of four anti-poaching units. The units will patrol and monitor for at least 15 days per month and will ensure that no traps are permitted to be placed in the park or remain long enough to entrap rhinos. They will apprehend, or at least identify to local authorities, all suspected poachers so they may be prosecuted. The grantee will also create an intelligence and law enforcement unit to investigate illegal activities, collect evidence, and facilitate arrests and prosecutions. These units are critical to the continued survival of the Javan rhino.

FWS: \$70,000

Leveraged funds: \$69,217

RT-1151 *Mobile village tiger patrols V: an integrated approach to tiger protection through education, conflict mitigation, improved livelihoods and law enforcement.* In partnership with Wildlife Conservation Society. This grant will continue support to a highly successful program on the island of Sumatra in the vicinity of Bukit Barisan National Park and Bukit Balai Renjang Landscape. The project will conduct human-wildlife conflict patrols, wildlife crimes investigations, legal aid for prosecution of wildlife crimes cases, and educational events. The habitat addressed by this project is home to an estimated 200 remaining tigers.

FWS: \$60,095 Leveraged funds: \$62,073

RT-1108 *Expanding habitat for Critically Endangered Javan rhinos.* In partnership with International Rhino Foundation. This project will improve habitat management in the Gunung Honje portion of Ujung Kulon National Park to increase the amount of habitat available to the rhinos. The grantee will clear invasive species and plant areas with rhino food plants, create a permanent water supply, permanent wallows, and saltlicks. They will also install electric fencing, create a patrol path, construct guard posts, hire and train a new Rhino Protection Unit, and conduct awareness-raising with local communities.

FWS: \$100,000 Leveraged funds: \$450,000

RT-1143 *Strengthening institutional capacities in the Leuser-Ulu Masen Tiger Conservation Landscape, Aceh.* In partnership with Fauna and Flora International. This project will develop high quality law enforcement patrol training materials and master trainers, strengthening government capacity to manage patrols to protect tigers and their prey. The grantee will also establish a sustainable Aceh-wide patrol data management system. This initiative represents the beginning of a systematic, long-term approach to protecting the tiger in this globally important landscape.

FWS: \$55,934 Leveraged funds: \$56,316

Laos

RT-1113 *Conservation of tiger and prey populations in the Nam Et-Phou Louey National Protected Area landscape, Lao PDR through increased patrolling by mobile teams for illegal wildlife trade in human settlements and improved field patrolling in the core zone.* In partnership with Wildlife Conservation Society. This project will organize and train four mobile patrol teams in four districts surrounding the protected areas. Training will be provided to the team members on the maintenance of health and hygiene while on patrol. Also, steps will be taken to create a career path for local people to work as protected area staff.

FWS: \$54,790 Leveraged funds: \$54,060

RT-1152 *Community participation in managing the Nam Et Phou Louey National Protected Area to increase tiger and prey populations, Phase II.* In partnership with Wildlife Conservation Society. This project will conserve internationally important tiger and prey populations in the NEPL NPA by increasing community participation in NPA management. The grantee will implement outreach and social marketing to assist local communities in realizing the direct benefits they receive from the NPA. Meetings will be conducted with village, district, and provincial officials to negotiate and mitigate conflicting interests over land and natural resources.

FWS: \$54,522

Leveraged funds: \$53,300

Malaysia

RT-1115 *Conservation of the tigers of the Endau-Rompin landscape, Malaysia, through improved law enforcement – expansion to the southeast and southwest.* In partnership with Wildlife Conservation Society. This project will strengthen law enforcement efforts at Kluang and Mersing forest blocks of the Endau Rompin landscape. The grantee will ground-truth land uses and conduct recce surveys for other wildlife sign in the Endau Rompin landscape. The resulting information will be used to protect corridors from various forms of encroachment.

FWS: \$55,000

Leveraged funds: \$56,328

Nepal

RT-1063 *Wildlife Crime Database.* In partnership with Wildlife Conservation Nepal. This grant will support updating the database's records on wildlife traders, seizures, arrests and convictions, and provision of information on wildlife crime to enforcement agencies. It will emphasize crimes against rhinos and tigers but will benefit many species. This will enhance the ability of authorities to combat wildlife crime and will be useful to judicial bodies in sentencing wildlife criminals.

FWS: \$35,145

Leveraged funds: \$18,260

RT-1147 *Finding solutions to mitigate human-tiger conflict in Chitwan National Park, Nepal.* In partnership with University of Minnesota - Department of Fisheries, Wildlife and Conservation Biology. This project will strengthen tiger conservation in the park by protecting tigers in adjacent buffer zone community forests. The grantee will collaborate with local communities and park staff to determine human and tiger use patterns at the edge of the park in buffer zone community forests, developing a model to minimize human-tiger conflict. This will be used to strengthen cooperative management in the buffer zone.

FWS: \$62,066

Leveraged funds: \$1,181

Russian Federation

RT-1062 *Protecting Amur tigers in Anyuisky National Park.* In partnership with Phoenix Fund. This grant will provide motorboats, snowmobiles, GPS units, field cloths and other basic equipment to rangers for anti-poaching patrols. This is needed to strengthen protection of the Amur tigers living in this newly declared national park located on the northern edge of the tiger's range.

FWS: \$23,279

Leveraged funds: \$410,320

RT-1064 *Support for anti-poaching operations in Leopardovy wildlife refuge and the Kedrovaya Pad Nature Reserve.* In partnership with Phoenix Fund. This grant will supply fuel, field equipment, and funds for field expenses (food and other basics) of rangers so they may carry out anti-poaching patrols and strengthen habitat protection activities in the refuge. The patrols will protect both the Amur leopards and tigers of the refuge and reserve.

FWS: \$24,190

Leveraged funds: \$107,315

RT-1112 *Enforcement of anti-poaching activity by the Amur tiger conservation in the south of Khabarovsk Kray.* In partnership with The Wildlife Foundation. This project will establish a rigorous system of community-based patrols to prevent poaching of tigers and their prey. The tiger patrol group will be comprised of six local people and will be under the leadership of the State Territorial Service for Wildlife Protection and Specially Protected Natural Areas of Khabarovsk Kray. They will develop cases against poachers for prosecution by the administrators of the village of Gvasyugi, and conduct outreach to local communities on tiger conservation.

FWS: \$68,200

Leveraged funds: \$139,100

RT-1127 *Monitoring and protection of Amur tiger during the winter period in Sikhote-Alin Reserve (Primorsky Krai, Russia).* In partnership with Sikhote-Alin Biosphere State Reserve. This project will improve the quality of monitoring and protection of the Amur tiger and its prey in Sikhote-Alin Reserve and its adjacent areas in heavy winter weather. The grant will provide fieldworkers with winter clothes, footwear, skis, sleeping bags, and satellite phones. The grantee will organize regular monitoring, additional patrol groups and spot-checks for protection of the most fragile areas of the Reserve during the winter.

FWS: \$49,775

Leveraged funds: \$72,211

Thailand

RT-1117 *Tiger protection and population monitoring in the Kaeng Krachan National Park, Tenasserim – Western Forest Complex, Thailand.* In partnership with Wildlife Conservation Society. This grant will support an intensive camera trapping project in Kaeng Krachan National Park's optimal tiger habitat (an approximately 1,000 square kilometer area) to assess the tiger population. The grantee will also support and monitor the performance of eight SMART patrol teams in the Park to ensure their efficient and effective functioning.

FWS: \$62,333

Leveraged funds: \$63,525

RT-1101 *Female home range size and large ungulate density in western Thailand: key parameters for managing tigers.* In partnership with University of Minnesota - Department of Fisheries, Wildlife and Conservation Biology. This project will provide managers with critical information needed to help them evaluate efforts to sustain and improve tiger habitat. The grantee will measure female home range size in relation to prey abundance and relate prey abundance to vegetation type and geophysical conditions. This field work and the associated training will also initiate development of a second generation of trained, experienced tiger conservation officers for Thailand's Department of National Parks, Wildlife and Plant Conservation.

FWS: \$44,701

Leveraged funds: \$14,972

RT-1140 *Sustaining wildlife guardians in Thailand's forgotten parks.* In partnership with FREELAND Foundation. This project will improve protection of tigers in Thap Lan and Pang Sida national parks. The grantee will provide law enforcement training for the park's rangers, gather information on tiger population in the parks, and carry out a study tour to adjacent habitat

in Banateay Chhmar, Cambodia. Thailand's National Tiger Action Plan designates these two adjacent parks as one of only two priority landscapes for tiger conservation in the country.
FWS: \$49,999 Leveraged funds: \$42,846

Range states

RT-1159 *The Asian big cat trade – a film guide for enforcement officers.* In partnership with Environmental Investigation Agency. This project will promote the use of intelligence driven law enforcement against perpetrators of illegal trade in big cat parts and derivatives in the tiger range countries. A new version of a 2006 film will be produced, that properly reflects the shifting trade in Asian big cat parts and derivatives in 2011. The film will be distributed to all appropriate law enforcement agencies throughout the range for use in conjunction with classroom and field training.
FWS: \$16,306 Leveraged funds: \$48,253