

**U.S. Fish and Wildlife Service
Division of International Conservation
Great Ape Conservation Fund
FY 2017 Summary of Projects**

In FY 2017, the U.S. Fish and Wildlife Service (USFWS) awarded \$2,992,302 to the conservation of African and Asian great apes through the Great Ape Conservation Fund, which was matched by \$2,880,809 in additional leveraged funds. Of this, a total of \$1,975,000 was provided by congressionally appropriated funds and additional funds were provided by other sources, as identified below. These funds supported 39 projects in 16 countries, as indicated below.

AFRICA

Modifications of cooperative agreements

MULTIPLE COUNTRIES – CAMEROON AND NIGERIA

GA1786

Grant # F17AP00444

*Conservation of the Cross River gorilla (*Gorilla gorilla diehli*) in Nigeria and Cameroon - A five-year cooperative agreement 2017-2022 between the US Fish and Wildlife Service and the Wildlife Conservation Society.* In partnership with the Wildlife Conservation Society. The purpose of this 5-year project is to build upon the successes of the previous 5-year cooperative agreement to secure the Cross River gorilla population – Africa’s most threatened great ape – through an effective network of core protected areas and corridors across of the Afi-Kagwene landscape, managed in collaboration with local communities and government officials, and with the potential to expand into adjacent currently unoccupied habitat once the levels of disturbance have been controlled. Specific objectives include: (1) reducing the illegal killing of Cross River gorillas to zero; (2) developing a research and monitoring program to guide conservation and improve impact measurement; (3) effectively coordinating conservation activities among all partners; and (4) building sufficient capacity and strengthening stewardship to ensure that conservation of Cross River gorillas can be achieved.

USFWS: \$350,000

Leveraged Funds: \$348,852

New grants

CAMEROON

GA1782

Grant # F17AP01082

Gorilla protection, habituation, and health monitoring on Dipikar Island in Campo Ma'an National Park, Cameroon. In partnership with the World Wildlife Fund. The purpose of this

project is to develop gorilla-based ecotourism that will generate revenues for the long-term management of Campo Ma'an National Park and its western gorillas. Specific activities include: (1) increasing the level of habituation of one gorilla group over 2016 levels; (2) reducing to zero the number of gunshots and snares detected within the gorilla group's home range; and (3) reducing the risk of human-gorilla disease transmission by improving awareness and implementation of best practice guidelines for health monitoring and disease control.

USFWS: \$99,921¹ Leveraged Funds: \$66,397

GA1783

Grant # F17AP00918

Public engagement and threat mitigation in the proposed Ebo National Park, Cameroon. In partnership with the Zoological Society of San Diego. The purpose of this project is to protect Nigeria-Cameroon chimpanzees, western gorillas, and the Ebo Forest by promoting creation of the Ebo National Park. Specific activities include: (1) decreasing threats to the Ebo forest and its wildlife by disseminating threat-level information to government law enforcement and other stakeholders; (2) working with partners and stakeholders to decrease the threats of illegal hunting and habitat destruction; and (3) increasing national knowledge, understanding, empathy towards great apes, and pride in local wildlife by reinforcing a newly developed public engagement and media strategy.

USFWS: \$171,184² Leveraged Funds: \$100,000

DEMOCRATIC REPUBLIC OF THE CONGO (DRC)

GA1718

Grant # F17AP01084

Implementing a coordinated approach to Grauer's gorilla bio-monitoring in Eastern DRC. In partnership with Fauna and Flora International. The purpose of this project is to continue to enable and promote the effective protection of Grauer's gorillas and stewardship for their long-term conservation by working with dedicated and empowered local community members. Specific activities include: (1) equipping community gorilla reserves and training reserve teams to carry out consistent and continuous bio-monitoring of great apes and other key species; (2) implementing a program of continuous and adaptive bio-monitoring using standardized best practice methodologies; (3) reducing threats to great apes through local community engagement; and (4) strengthening the capacity of emerging conservationists to support community buy-in, stewardship, and sustainability.

USFWS: \$98,614³ Leveraged Funds: \$26,657

GA1777

Grant # F17AP00912

Conserving bonobos in the Lokofa Block of Salonga National Park, Democratic Republic of Congo (DRC). In partnership with the Wildlife Conservation Society. The purpose of this project

¹ Funded by Resource Management funds.

² Of this, \$85,592 was funded through the Central Africa Regional Program for the Environment (CARPE) and \$85,592 by USAID-CWT funds.

³ Funded by Resource Management funds.

is to promote the long-term protection of bonobos from poaching in the Lokofa block of Salonga National Park. Specific activities include: (1) reducing the degree of human impact on the bonobo population; (2) improving monitoring of bonobo presence and poaching incidents via strengthened implementation of Spatial Monitoring and Reporting Tool (SMART)-based patrols; and (3) establishing community-based monitoring of the bonobo population.

USFWS: \$93,231⁴ Leveraged Funds: \$0

GA1778

Grant # F17AP00915

Securing chimpanzee populations in the Kabobo Massif, DRC. In partnership with the Wildlife Conservation Society. The purpose of this project is to secure chimpanzee populations and their critical habitats in the Kabobo Massif through the establishment of an extensive protected area monitoring, protection, and awareness-raising program. Specific activities include: (1) improving the application of national and international threatened species conservation legislation by raising awareness among law enforcement authorities (magistrate, army, police, and forestry department) and supporting law enforcement efforts; (2) enhancing community awareness of great ape and habitat protection through community- and school-based education and outreach efforts; (3) monitoring key chimpanzee populations identified through previous surveys and wildlife monitoring with Spatial Monitoring and Reporting Tool (SMART) data.

USFWS: \$90,637⁵ Leveraged Funds: \$72,995

GA1784

Grant # F17AP00442

Securing a future for Grauer's gorilla and eastern chimpanzees in the Kasese region of Democratic Republic of Congo. In partnership with the Wildlife Conservation Society. The purpose of this project is to extend the effective protection of Grauer's gorilla habitat to 60 percent of its range. Specific activities include: (1) extending protection for Grauer's gorillas from the Kahuzi-Biega National Park to neighboring areas by supporting the formal declaration of the adjacent Oku Community Reserve; (2) improving the governance structures of the proposed community reserve; and (3) strengthening the ability of the national conservation authority (the Congolese Institute for Nature Conservation, or ICCN) to counter armed poaching and other security threats through the development of a rapid reaction unit.

USFWS: \$110,621⁶ Leveraged Funds: \$41,386

GA1785

Grant # F17AP01083

Continuous study and protection of 300 Grauer's gorillas in the core of the subspecies' range. In partnership with the University of California, Davis. The purpose of this project is to ensure the long-term protection of over 300 Grauer's gorillas and 200-400 eastern chimpanzees in low-altitude forests. Specific activities include: (1) increasing great ape habitat protected by the Nkuba-Biruwe Conservation Project from 700 km² to approximately 1000 km² by surveying

⁴ Funded through the Central Africa Regional Program for the Environment (CARPE).

⁵ Funded through the Central Africa Regional Program for the Environment (CARPE).

⁶ Of this, \$102,635 was provided by funds from the Central Africa Regional Program for the Environment (CARPE), and \$7,986 from USAID-CWT funds.

forested areas between Maiko and Kahuzi-Biega National Parks likely to host unknown gorilla populations; (2) surveying mining camps located in, or adjacent to, the Nkuba-Biruwe Conservation Area and reducing the impact of these camps on wildlife; (3) fostering collaboration between local community and government parks personnel to increase gorilla protection in Maiko National Park and adjacent community forests; and (4) promoting the designation of legal conservation status for the community reserves.

USFWS: \$84,700⁷ Leveraged Funds: \$0

GA1792

Grant # F17AP00919

*Assisting the conservation status and needs of eastern bonobos (*Pan paniscus*) living in a savanna-forest mosaic in the Lac Tumba landscape, DRC.* In partnership with the World Wildlife Fund. The purpose of this project is to protect bonobos in the southwestern section of the Lac Tumba landscape by determining their status and conservation priorities, and identifying sub-populations for regular monitoring. Specific activities include: (1) determining bonobo population size and distribution in the project zone; and (2) improving knowledge of the threats to those populations.

USFWS: \$73,178⁸ Leveraged Funds: \$35,358

GABON

GA1721

Grant # F17AP00863

Research and tourism development for western gorillas in Loango National Park, Gabon. In partnership with the Max Planck Institute for Evolutionary Anthropology. The purpose of this project is to advance tourism development and research as conservation strategies for critically endangered western gorillas in Loango National Park, Gabon. Specific activities include: (1) monitoring the impact of tourism on an existing group of gorillas; (2) initiating habituation of a second group of gorillas and continuing non-invasive monitoring of other gorillas in the area; (3) improving the understanding of western gorillas through continued behavioral ecology studies; (4) coordinating with the Gabonese park service on surveillance for illegal activities, development of educational materials for tourism, and other management activities; and (5) strengthening national capacity for science-based conservation and adaptive management.

USFWS: \$99,500⁹ Leveraged Funds: \$67,750

GUINEA

GA1706

Grant # F17AP00439

Landscape conservation of chimpanzees in the Bafing River Area. In partnership with the Wild Chimpanzee Foundation. The purpose of this 1-year project is to continue the process of establishing the Moyon-Bafing National Park (MBNP) in Guinea in order to protect the largest

⁷ Funded by Resource Management funds.

⁸ Funded by Resource Management funds.

⁹ Of this, \$27,283 was provided by funds from the Central Africa Regional Program for the Environment (CARPE).

remaining population of western chimpanzees and their habitat. Specific activities include: (1) in consultation with communities, forming a stakeholder committee and leading regional and national stakeholder meetings; (2) physically delimiting the proposed MBNP boundaries; (3) conducting a socio-economic study to inform future Park management; and (4) initiating re-forestation of key areas of the proposed Park.

USFWS: \$193,860

Leveraged Funds: \$143,333

GA1764

Grant # F17AP01060

The Chimpanzee Conservation Center release project: An efficient tool for the conservation of western chimpanzees. In partnership with the Pan African Sanctuary Alliance. The purpose of this two-year project is to continue to protect the Haut Niger National Park and its wildlife. Specific activities include: (1) reinforcing local capacity to effectively and sustainably protect the northern area of the Park; (2) promoting coordination among government agencies to strengthen local engagement and homogenize law enforcement efforts to combat illegal resource extraction and the illicit chimpanzee pet trade; (3) increasing community education efforts in the northern part of the Park; and (4) identifying another release site to protect additional chimpanzee habitat in Guinea.

USFWS: \$49,953

Leveraged Funds: \$255,555

IVORY COAST

GA1793

Grant # F17AP01070

Study and conservation of chimpanzees of Comoé National Park, Ivory Coast. In partnership with the Comoe Chimpanzee Conservation Project. The purpose of this project is to conserve and study western chimpanzees and their habitat in Comoé National Park. Specific activities include: (1) determining the population, group size, structure, and home range of three study groups of chimpanzees around the Comoé Research Station; (2) developing local capacity by training Park personnel in biomonitoring sampling, and engaging neighboring villages in the project and Park conservation; (3) determining the main threats to the chimpanzees and main entrance corridors for illegal activities; (4) developing a long-term study, surveillance, and sustainable management plan.

USFWS: \$28,940

Leveraged Funds: \$62,110

LIBERIA

GA1717

Grant # F17AP00440

Implementation of a participatory management plan to secure protection of western chimpanzee populations within and around Sapo National Park, Liberia. In partnership with Fauna and Flora International. The purpose of this 18-month project is to conserve the western chimpanzee in Liberia by decreasing human-induced threats to chimpanzee populations within Sapo National Park (SNP) and its buffer zone. Specific activities include: (1) increasing legal enforcement and biomonitoring within the Park; (2) supporting the establishment of a

community advisory board to engage on re-demarcation and management of the Park; and (3) increasing protection for chimpanzee habitat in the Park and its buffer-zone.

USFWS: \$113,108

Leveraged Funds: \$250,377

GA1613

Grant # F17AP00069

Coordinating long-term regional conservation of the endangered western chimpanzee. In partnership with Fauna and Flora International. The purpose of this project is to prevent the further decline in numbers of the endangered western chimpanzee by ensuring that regional action for conservation of the species is targeted and based on key threats, coordinated among stakeholders, and supported in the long-term. Specific activities include: (1) evaluating the impact of the previous 10-year plan upon the conservation status of the species; (2) reviewing and agreeing upon any amendments to priority sites and their conservation status; (3) developing with regional stakeholders an agreed 10-year action plan for the conservation of the western chimpanzee; and (4) strengthening long-term national and regional support for the action plan.

USFWS: \$70,616

Leveraged Funds: \$59,500

RWANDA

GA1729

Grant # F17AP00964

Evaluation of parasitic infections involved in mortalities of mountain gorillas of Virunga Massif using advanced genomics. In partnership with the Mountain Gorilla Veterinary Project. The purpose of this three-year project is to strengthen health management of mountain gorilla populations through better understanding of the clinical impact and epidemiology of parasitic infections. Specific activities include: (1) improving in-situ diagnostics by strengthening the diagnostic capacity of field personnel; (2) investigating differences in parasite burden between gorillas of varying health status and population densities; (3) investigating the use of egg-per-gram values as proxy for helminth burden in healthy and clinically ill individuals; (4) identifying helminths involved in gastrointestinal lesions in deceased individuals; and (5) describing and comparing genetic diversity of strongylid nematodes and amoebas in major sample sets using metagenomic analysis.

USFWS: \$69,437¹⁰

Leveraged Funds: \$74,919

TANZANIA

GA1719

Grant # F17AP00744

Strengthening community-based chimpanzee protection and monitoring in key village forests in the Greater Mahale Ecosystem, western Tanzania. In partnership with Fauna and Flora International. The purpose of this project is to empower a local community-based organization, the Tongwe Trust, to conserve the eastern chimpanzee in Tanzania. Specific activities include: (1) improving patrols and surveillance in the Nkata Forest to enhance chimpanzee protection; (2) partnering with the Greater Mahale Ecosystem Research and Conservation consortium, formerly

¹⁰ Funded through the Central Africa Regional Program for the Environment (CARPE).

called the Ugalla Primate Project, to monitor and increase understanding of chimpanzee populations, human activities, and threats to chimpanzees; (3) generating greater community support for chimpanzee conservation through education and forest management planning; and (4) developing the capacity of the Tongwe Trust to sustainably manage and develop the project.
USFWS: \$31,202 Leveraged Funds: \$29,940

UGANDA

GA1720

Grant # F17AP00958

Restoring forest connectivity in Uganda's Albertine Rift for chimpanzee conservation. In partnership with Fauna and Flora International. The purpose of this project is to enhance the viability of Uganda's eastern chimpanzee populations by maintaining and restoring connectivity between forests in the northern Albertine Rift. Specific activities include: (1) establishing a robust and effective community-based chimpanzee monitoring program; (2) extending reforestation or afforestation to two critical linkages between forest reserves; and (3) drawing upon conservation agriculture, REDD+, environmental education, and small enterprise support, garner greater focus from the Northern Albertine Rift Conservation Group on priority areas for chimpanzee conservation.

USFWS: \$49,994 Leveraged Funds: \$14,346

ASIA

New grants

CAMBODIA

GA1715

Grant # F17AP01000

Conservation of the northern yellow-cheeked gibbon in northeastern Cambodia. In partnership with Fauna and Flora International. The purpose of this project is to help conserve the northern yellow-cheeked gibbon in northeastern Cambodia. To understand species status and reduce the threat of habitat loss, the project will: (1) fill critical knowledge gaps on distribution and abundance of northern yellow-cheeked gibbons, and on threats to the species within the Virachey Landscape; and (2) support the government-led zonation of Virachey and Veun Sai-Siem Pang National Parks.

USFWS: \$48,253 Leveraged Funds: \$7,350

GA1727

Grant # F17AP01010

Enhanced protection and habitat conservation for at-risk ape populations in Cambodia. In partnership with the Wildlife Alliance. The purpose of this project is to help conserve endangered gibbons in Cambodia. To reduce illegal trafficking in gibbons and other threatened

and endangered wildlife, the project will: (1) increase the capacity of law enforcement officers to conduct effective and efficient investigations and operations through increased training and strengthening of good governance through legal support; and (2) increase the viability of rehabilitation and release of gibbons.

USFWS: \$39,950

Leveraged Funds: \$267,415

GA1766

Grant # F17AP01080

Continuing pileated gibbon conservation education and public outreach in Cambodia through the Kouprey Express. In partnership with Wildlife Alliance. The purpose of this project is to help conserve gibbons in Cambodia. To reduce poaching threats to gibbons and their habitats, the project will: (1) continue strengthening capacity and understanding of key environmental issues for 300 teachers, community educators, and community leaders in communities, schools, and non-governmental organizations (NGOs) in target areas as well as all other provinces through training, staff development, monitoring, and evaluation; (2) introduce a gibbon-focused education curriculum to an estimated 7,500 students at national schools and NGOs around the country and in the Cardamom Mountains; (3) conduct around 20 field trips to Phnom Tamao Wildlife Rescue Center to complement classroom lessons; (4) build environmental awareness and pride in Cambodia's natural heritage among students and communities through interactive hands-on Community Night Shows; and (6) continue to conduct Wildlife identification and anti-smuggling training with new Customs and Excise officers from Phnom Penh and Siem Reap International Airports and other relevant agencies.

USFWS: \$58,188

Leveraged Funds: \$83,297

INDIA

GA1702

Grant # F17AP00975

Conserving western hoolock gibbon in Karbi Anglong, Assam by adopting an inclusive approach of capacity building, monitoring, and community outreach education and involvement, India - Phase II. In partnership with The School of Desert Sciences. The purpose of this project is to help conserve endangered western hoolock gibbons in Karbi Anglong, Assam, India. To reduce poaching, harassment, and illegal logging, the grantee will: (1) orient the frontline forest staff of Karbi Anglong and enhance their capacity; (2) establish a community-led bio-monitoring system for gibbon conservation; (3) train teachers and community educators on gibbon conservation education in Karbi Anglong; and (4) mobilize a community-based hoolock gibbon conservation awareness campaign for a wider section of the communities, local leaders including village headmen, teachers and students, and the general public.

USFWS: \$56,925

Leveraged Funds: \$11,675

GA1709

Grant # F17AP00977

Training of foresters for conservation of hoolock gibbon in the state of Nagaland, India. In partnership with Aaranyak. The purpose of this project is to help conserve endangered hoolock gibbons in Nagaland, India. To reduce the threat of poaching and increase the knowledge and skills of local Forest Department staff to monitor gibbon populations, the project will train: (1)

Forest Department guards on how to protect the species and their habitats, explain wildlife acts and laws, and conduct primate surveys and hoolock gibbon population estimates; and (2) Forest Department Foresters on primate species identification, age and sex classification, and maintenance of individual animal histories.

USFWS: \$49,995

Leveraged Funds: \$50,199

GA1710

Grant # F17AP00978

Forest Department - Community partnership to improve protection of western hoolock gibbons (*Hoolock hoolock*) in Jeypore Rainforest, India - Phase V. In partnership with the Wildlife Areas Development and Welfare Trust. The purpose of this project is to help conserve endangered hoolock gibbons in Jeypore Reserve Forest, Assam, India. To reduce poaching threats to the species, the project will: (1) continue the operations of three roving gibbon and wildlife patrol units consisting of community members and forest guards in each group; and (2) implement Spatial Monitoring and Reporting Tool (SMART) patrolling protocols, systematically

record patrol details, produce monthly reports, and use these reports to inform and plan future patrols.

USFWS: \$21,504

Leveraged Funds: \$19,667

GA1711

Grant # F17AP00996

Conserving the endangered western hoolock gibbon in Nagaland through community-based strategies. In partnership with the Centre for Wildlife Studies. The purpose of this project is to help conserve endangered hoolock gibbons in Nagaland, India. To reduce poaching and estimate gibbon populations in the area, the project will: (1) assess the status of western hoolock gibbons in Nagaland; (2) develop a comprehensive action plan for the western hoolock gibbon in Nagaland; and (3) create a conservation support-base for gibbons as a flagship species.

USFWS: \$59,775

Leveraged Funds: \$59,813

INDONESIA

GA1704

Grant # F17AP01016

Documenting the conservation status and enhancing the long-term survival of the orangutan meta-population living in the Sugud landscape, Sabah, Borneo. In partnership with HUTAN - Kinabatangan Orangutan Conservation Project. The purpose of this project is to help conserve endangered orangutans in the Sugud landscape in Sabah, Borneo, Malaysia. To reduce poaching, promote coexistence between humans and orangutans, and monitor orangutan populations, the project will; (1) conduct population estimates of all sub-populations living in this landscape by aerial and ground surveys of nests; (2) interview people to understand their perception towards orangutan presence in the area and estimate potential damage caused by orangutans to plantations; (3) ensure that there is no retaliatory killing of orangutans by establishing well-trained wildlife enforcement and monitoring units in plantations; (4) promote peaceful coexistence between humans and orangutans by conducting conservation and awareness-raising activities among villages and estate owners, and mitigating both perceived and actual orangutan-

human conflicts; (5) create a strategic plan for better forest connectivity; and (6) build capacity to monitor and manage high conservation value forests and orangutans.

USFWS: \$49,065¹¹

Leveraged Funds: \$55,710

GA1708

Grant # F17AP01059

Understanding and mitigating the impacts of peat forest fires on orangutans and gibbons in Sabangau, Indonesian Borneo. In partnership with the Borneo Nature Foundation. The purpose of this project is to help conserve orangutans and gibbons in Sabangau, Indonesian Borneo. To reduce the threat of fires and increase conservation of species and their critical habitats in western Kalimantan, the project will: (1) support local fire teams to reduce short- to medium-term fire incidents; (2) reduce longer-term fire risk through outreach and capacity development activities that increase local understanding of fire impacts and causes; and (3) improve conservation support and capacity by training local staff and students to conduct research and conservation activities.

USFWS: \$29,832

Leveraged Funds: \$147,596

GA1725

Grant # F17AP01006

*Establishing and conserving a population of Bornean orangutans (*Pongo pygmaeus*) in Bukit Baka Bukit Raya National Park, through capacity building, education, and community engagement.* In partnership with Yayasan IAR Indonesia. The purpose of this project is to help conserve orangutans in Bukit Baka Bukit Raya National Park in Kalimantan, Borneo, Indonesia. The project will continue to reduce poaching threats as well as: (1) focus on understanding hunting pressures in and around the National Park; (2) continue to conduct pre-release and post-release monitoring of a newly established wild orangutan population; (3) conduct participatory mapping of the community traditional area of Mentatai resort in Bukit Baka Bukit Raya National Park to support sustainable development of the local communities; (4) determine land use patterns in the areas around the three villages and optimize the use of available land to reduce further encroachment in the Park; (5) strengthen cooperation with local communities to protect orangutans and other key species; and (6) establish a forest patrol team, made up of Park staff and local community members, to monitor threats and protect the forest and the reintroduced orangutans.

USFWS: \$57,412

Leveraged Funds: \$104,071

GA1765

Grant # F17AP01085

Conserving the ape populations of the Gunung Niut Nature Reserve in West Borneo, Indonesia. In partnership with Planet Indonesia. The purpose of this project is to help conserve orangutans in Gunung Niut Nature Reserve in Kalimantan, Borneo, Indonesia. To reduce illegal activities such as poaching and illegal logging, the project will: (1) monitor iconic species in the park (gibbons, helmeted hornbills); (2) conduct orangutan population surveys; (3) identify “hotspots” for poaching and logging in the communities in the buffer zone; and (4) launch a communal business group approach in three villages with a target group of 200 beneficiaries.

¹¹ Funded by USAID-CWT funds.

USFWS: \$59,940

Leveraged Funds: \$44,100

GA1790

Grant # F17AP01015

Health In Harmony - Using reforestation and health care incentives to protect orangutan habitat in Indonesian Borneo Year 9: Expanding the landscape of orangutan habitat. In partnership with Health in Harmony. The purpose of this project is to help conserve orangutans in Indonesian Borneo. To reduce poaching threats to orangutans and illegal logging of their forests, the project will; (1) expand the program of reforesting illegal gardens; (2) develop alternative livelihoods; and (2) further extend the reach of orangutan habitat protection by strengthening community involvement in conservation in Bukit Baka Bukit Raya National Park.

USFWS: \$74,232

Leveraged Funds: \$131,669

LAOS

GA1744

Grant # F17AP01012

Reinforcing law enforcement and community engagement systems for the enhanced protection of the northern white-cheeked crested gibbon in the Nam Et-Phou Louey National Protected Area's Core Zone, Lao People's Democratic Republic (Laos). In partnership with the Wildlife Conservation Society. The purpose of this project is to help conserve northern white-cheeked crested gibbons in Nam Et-Phou Louey National Protected Area in Laos. To reduce poaching threats to gibbons, the project will: (1) strengthen forest-based patrolling in and around known gibbon areas and expand patrolling coverage into important gibbon habitat not previously patrolled; (2) improve cooperation between agencies and stakeholders responsible for protecting gibbons and their habitat; and (3) ensure patrolling efforts support community engagement, linking support with conservation outcomes such as reduced agricultural encroachment and illegal use of the total protection zone.

USFWS: \$59,822

Leveraged Funds: \$61,229

GA1781

Grant # F17AP01013

Expanding community-led patrolling to protect gibbon populations in the Phou Si Thone Endangered Species Conservation Area, Lao People's Democratic Republic (Laos). In partnership with the Wildlife Conservation Society. The purpose of this project is to help conserve gibbon populations in the Phou Si Thone Endangered Species Conservation Area (PST ESCA) of Laos. To help gibbon populations recover, the project will: (1) eliminate illegal hunting of gibbons and disturbance of gibbon habitat in the conservation area; and (2) engage local communities directly in management actions of the PST ESCA.

USFWS: \$57,357¹²

Leveraged Funds: \$60,121

MALAYSIA

GA1773

Grant # F17AP01081

Evaluation of Bornean orangutan conservation action plans: Impacts and recommendations.

In partnership with Wildlife Impact. The purpose of this project is to help evaluate Bornean orangutan action plans. The project will: (1) analyze the impacts of existing action plan implementation on Bornean orangutan populations; (2) develop recommendations for future planning based on evaluation results and best available science; and (3) improve new action plans with evaluation findings and recommendations.

USFWS: \$49,740

Leveraged Funds: \$26,546

¹² Funded by USAID-CWT funds.

THAILAND

GA1789

Grant # F17AP01014

Lar gibbon protection in the Western Forest Complex, Thailand - Year 2. In partnership with the Wildlife Conservation Society. The purpose of this project is to help conserve gibbon populations in the Western Forest Complex in Thailand. To reduce the threat of poaching, the project will: (1) maintain the Spatial Monitoring and Reporting Tool (SMART) patrol system in Huai Kha Khaeng Wildlife Sanctuary at the current level of intensity and coverage; and (2) establish a baseline population estimate for lar gibbons in the southern area of the Wildlife Sanctuary.

USFWS: \$59,940

Leveraged Funds: \$61,087

VIETNAM

GA1705

Grant # F17AP01074

Standardizing the conservation effort for endangered crested gibbons in Vietnam. In partnership with the Center for Natural Resources and Environmental Studies. The purpose of this project is to help conserve endangered crested gibbons in Vietnam. To reduce poaching, improve protection of gibbons and their habitats, and standardize monitoring techniques, the project will: (1) review gibbon conservation efforts, identify gaps, and document best conservation practices; (2) organize a gibbon conservation seminar to highlight gaps and challenges, and create a road map for gibbon conservation in key conservation sites; (3) provide standardized gibbon conservation training; (4) establish and maintain a technical assistance group for long-term gibbon conservation; and (5) bridge cooperation between scientists, policy makers, and practitioners.

USFWS: \$46,960

Leveraged Funds: \$19,100

GA1714

Grant # F17AP00998

Conservation of the critically endangered eastern black crested (Cao Vit) gibbon at Trung Khanh, north Vietnam. In partnership with Fauna and Flora International. The purpose of this project is to help conserve the critically endangered eastern black crested gibbon at Trung Khanh, in north Vietnam. To reduce the threat of poaching, the project will: (1) minimize human impacts on habitat of the eastern black crested gibbon through community engagement and empowerment; (2) enhance protected area law enforcement capacity; and (3) by the end of the project period, the current and potential habitat of the Cao Vit gibbon is known, mapped, and capacity is in place to maintain data for future use.

USFWS: \$57,444

Leveraged Funds: \$22,689

Modifications to existing grants

CAMBODIA

GA1621

Grant # F16AP00782

Northern Plains of Cambodia pileated gibbon conservation project: Phase 6. In partnership with the Wildlife Conservation Society. The purpose of this project is to help conserve the pileated gibbon in Cambodia. To reduce poaching threats, the project will: (1) strengthen existing law enforcement monitoring strategies; (2) establish new integrated community-led patrolling approaches; and (3) implement innovative patrol reporting systems.

USFWS: \$59,936

Leveraged Funds: \$0

GA1622

Grant # F16AP00805

Long-term conservation of yellow-cheeked crested gibbon through direct law enforcement and community engagement in southern Mondulkiri, Cambodia. In partnership with the Wildlife Conservation Society. The purpose of this project is to have a well-managed forest landscape that supports increasing wildlife populations, especially the endangered yellow-cheeked gibbon, and improves livelihoods of people currently living in southern Mondulkiri, Cambodia. To reduce threats to gibbons, the project will: (1) maintain law enforcement activities, refine the use of remote sensing and the Spatial Monitoring and Reporting Tool (SMART) software to inform adaptive management; and (2) expand and strengthen community engagement in, and support of, gibbon conservation.

USFWS: \$58,030

Leveraged Funds: \$0

INDONESIA

GA1612

Grant # F16AP00788

Protecting Sumatran orangutans by preventing forest encroachment and improving and strengthening law enforcement in Gunung Leuser National Park. In partnership with the Wildlife Conservation Society. The purpose of this project is to protect orangutans by reducing forest encroachment and strengthening law enforcement in Gunung Leuser National Park, Sumatra, Indonesia. The project will: (1) Reduce hunting, illegal logging, encroachment, and other threats in key habitat in Gunung Leuser National Park; and (2) halt the illegal hunting, trafficking, and possession of Sumatran orangutans.

USFWS: \$59,306

Leveraged Funds: \$0