

**U.S. Fish and Wildlife Service
Division of International Conservation
Great Ape Conservation Fund FY2014**

In 2014, the USFWS awarded 32 new projects and one amendment to an existing cooperative agreement from the Great Ape Conservation Fund totaling \$1,951,602, which was matched by \$2,956,930 in additional leveraged funds. Field projects in 16 range countries in Africa and Asia (in alphabetical order below) will be supported, in addition to three projects that involve multiple countries.

AFRICA

In 2014, the USFWS provided funding to 13 projects and an amendment to one existing cooperative agreement for ape conservation in Africa, totaling \$993,427 in USFWS funding which was matched by an additional \$1,915,788 in leveraged funds. The funding supports field activities in nine African countries and three projects involving multiple countries in Africa.

Amendments to Existing Cooperative Agreements

NIGERIA / CAMEROON

GA0757

Grant # F10AP00409

US Fish & Wildlife Service – WCS cooperative agreement: A landscape approach to conservation of the critically endangered Cross River gorilla. In partnership with the Wildlife Conservation Society, this five-year cooperative agreement seeks to ensure the survival of the critically endangered Cross River gorilla through support to a network of core protected areas and corridors across the Afi Kagwene landscape in Nigeria and Cameroon managed in collaboration between local communities and government. Funds will enable continued support towards camera trapping, increased patrols and completion of the Cross River gorilla Action Plan.

FWS: \$250,000

Leveraged Funds: \$225,500

Grants

CAMEROON

GA1461

Grant # F14AP00330

Increasing community conservation engagement in the proposed Ebo National Park, Cameroon. In partnership with the Zoological Society of San Diego, the purpose of this project is to conserve the gorillas and chimpanzees of the future Ebo National Park by expanding community-led conservation initiatives, continuing monitoring and surveillance activities, facilitate study visits by local university students, and strengthening partnerships with regional stakeholders. This will be done by enhancing local support for chimpanzee and wildlife conservation, including through two established ‘Clubs des Amis des Gorilles’ (Gorilla Guardian

Clubs), with a third community that joined in late 2013; continuing detailed transect surveys and monitoring threats; and hosting a major field school at the Njuma field station to train and strengthen engagement with the newly-established Ebo-Chiefs Association, the Ministry of Forests and Wildlife (MINFOF), and other elites to develop Ebo into a National Park.
FWS: \$62,583 Leveraged Funds: \$105,652

DEMOCRATIC REPUBLIC OF CONGO

GA1427

Grant # F14AP00315

Evaluating the impact of long-term field projects and anti-poaching patrols on local populations of bonobos: a bottom-up approach for evidence-based bonobo conservation. In partnership with the Max Planck Institute for Evolutionary Anthropology, the purpose of this project is to evaluate the population density of bonobos and other wildlife and monitor the status of human encroachment activities. The information will be used to develop a conservation strategy for bonobos in a forest area of the buffer zone of Salonga National Park. This will be done by assessing the population density of bonobos and other wildlife in a region of about 500 km², evaluating the frequency and nature of human encroachment within the 500 km² area, and modeling the impact of the long-term field project and anti-poaching patrol activities on the local bonobo population in order to develop an evidence-based conservation strategy.
FWS: \$53,170 Leveraged Funds: \$103,224

GA1445

Grant # F14AP00329

Protecting the chimpanzees of Mt. Hoyo through improved law enforcement. In partnership with the Wildlife Conservation Society, the purpose of this project is to enhance security of chimpanzees in the Hoyo-Virunga landscape by establishing a patrol-based law enforcement system, identifying the current status and threats facing chimpanzees in the landscape, and educating communities about wildlife laws and the *Institut Congolais pour la Conservation de la Nature* (ICCN). This will be done by supporting existing patrols of 28 rangers at Mt. Hoyo; providing technical support and training to rangers and management staff; conducting a survey of chimpanzees (and other biodiversity) in Mt. Hoyo and the adjacent corridor; and increasing awareness among local communities regarding wildlife laws, the role of ICCN, and the conservation of chimpanzees.
FWS: \$66,996 Leveraged Funds: \$43,640

GUINEA

GA1426

Grant # F14AP00314

Wildlife law enforcement in Guinea – GALF (Guinée-Application de la Loi sur la Faune). In partnership with the Wara Conservation Project, the purpose of this project is to assist the government of Guinea to increase wildlife law enforcement capacity, produce effective deterrents to the killing of elephants and other threatened wildlife, and monitor the illegal wildlife trade and other activities detrimental to ape survival. This will be done by identifying large-scale dealers in ivory and bushmeat and providing evidence to support legal action against them; bringing about the arrest and ensuring the prosecution of large-scale illegal wildlife

traders; and raising public awareness of the increased enforcement of wildlife law and the risks and penalties for wildlife criminals.

FWS: \$55,248

Leveraged Funds: \$44,045

GA1439

Grant # F14AP00324

Protection of the Parc National du Haut Niger - Republic of Guinea. In partnership with the Pan African Sanctuary Alliance, the purpose of this project is to support the development of the Chimpanzee Conservation Center (CCC) by building capacity, strengthening local engagement, and conducting chimpanzee monitoring. This will be done by hiring a protection supervisor and training a local protection manager; ensuring the protection of the northern portion of the *Parc National du Haut Niger* (PNHN); continuing to promote coordination among government and park authorities to harmonize law enforcement efforts; ensuring that the newly trained PNHN eco-guards are strategically placed in and around the PNHN; and conducting a survey of the CCC release site in the PNHN with local and international partners to guide protection efforts.

FWS: \$49,337

Leveraged Funds: \$235,500

LIBERIA

GA1423

Grant # F14AP00313

Improving West African chimpanzee conservation through protected area management in the proposed Grebo National Park. In partnership with the Wild Chimpanzee Foundation, the purpose of this project is to protect chimpanzees in the proposed Grebo National Park (PGNP) by improving management capacity of chimpanzees and developing local community involvement in chimpanzee conservation. This will be done by re-training Forestry Development Authority (FDA) agents and local community members in biomonitoring (data collection); implementing and supervising FDA and community-led teams collecting data on chimpanzees and anthropogenic threats; training and supporting the FDA in biomonitoring data analysis and report preparation; re-training local community members to act as eco-guards for the PGNP; carrying out sensitization activities on the status of the PGNP; and creating and supporting micro-projects of alternative protein sources in local communities.

FWS: \$124,454

Leveraged Funds: \$123,50

REPUBLIC OF CONGO

GA1440

Grant # F14AP00327

Goualougo Triangle Ape Project: Empowering Congolese students to strengthen the link between applied research and conservation policy. In partnership with the Wildlife Conservation Society, the purpose of this project is to improve the long-term conservation of great apes in the Republic of Congo by increasing local capacity and professional development. This will be done by providing advanced training in applied conservation research and facilitating opportunities for Goualougo Triangle Ape Project (GTAP) staff to link this information directly to conservation policy; promoting leadership of GTAP staff in great ape health monitoring initiatives (including training in new technologies for data collection and expansion of worker health programs); implementing a mentoring program which prepares research assistants to increase their

participation in local, regional and international conservation advocacy; and involving GTAP's research staff in enhanced surveillance and monitoring activities, such as Spatial Monitoring and Reporting Tool (SMART) to protect at-risk ape populations along the southeast border of the Nouabalé-Ndoki National Park.

FWS: \$48,742

Leveraged Funds: \$43,295

RWANDA

GA1442

Grant # F14AP00328

Ensuring the continued growth of the Virunga mountain gorilla population through protection, monitoring and research. In partnership with the Dian Fossey Gorilla Fund International, the purpose of this project is to protect mountain gorillas through continuing conservation and monitoring, collecting behavioral, health, and demographic data, and developing scientific capacity of Rwandan staff, scientists, and other collaborators. This will be done by ensuring daily physical presence among nine gorilla groups (120 individuals total) by accompanying each group with a team of three-four paramilitary trained trackers; collecting daily standardized health, demographic, and ranging data to guide veterinary and park management; conducting 75 independent anti-poaching patrols in the Karisoke sector of Volcanoes National Park; conducting 275 anti-poaching patrols alongside national park service staff; developing the scientific expertise of Rwandan research assistants in basic scientific methodologies; and building the capacity of undergraduate science managers in conjunction with the National University of Rwanda.

FWS: \$60,117

Leveraged Funds: \$798,671

SENEGAL

GA1452

Grant # F14AP00524

Complete survey of chimpanzees outside of protected areas in Senegal: Filling gaps in our knowledge in anticipation of corporate mining development. In partnership with Iowa State University, the purpose of this project is to understand the impacts of proposed large-scale mining and to identify key habitats for future protection in areas of southeastern Senegal. This will be done by determining the presence and relative densities of chimpanzees in these areas.

FWS: \$42,298

Leveraged Funds: \$14,853

TANZANIA

GA1428

Grant # F14AP00858

Evaluating the efficacy of conservation drone technology for chimpanzee monitoring in western Tanzania. In partnership with Liverpool John Moores University, the purpose of this project is to evaluate the efficacy of using conservation drones to monitor chimpanzee populations in western Tanzania. This will be done by comparing chimpanzee nest densities along the same transects using two different survey methods – ground and unmanned aerial vehicle (UAV) - and determining the costs associated with each method to evaluate which method will be most cost-effective for future monitoring.

FWS: \$25,536

Leveraged Funds: \$85,353

UGANDA

GA1404

Grant # F14AP00849

Expanding an integrated gorilla and human health model to the indigenous Batwa pygmy. In partnership with Conservation through Public Health, the purpose of this project is to reduce the risk of disease transmission between people and mountain gorillas by improving the health and hygiene of Batwa communities that neighbor Bwindi Impenetrable National Park, Uganda.

FWS: \$49,988

Leveraged Funds: \$25,915

MULTIPLE COUNTRIES - AFRICA

BURUNDI AND RWANDA

GA1455

Grant # F14AP00530

My chimpanzee – My community phase two. In partnership with PCI Media Impact, the purpose of this project is to change attitudes and behaviors of key target audiences and reduce threats to chimpanzees from poaching and habitat destruction within Nyungwe National Park, Rwanda, and Kibira National Park, Burundi. This will be done by producing a series of radio serial dramas.

FWS: \$54,838

Leveraged Funds: \$16,498

LIBERIA AND GUINEA

GA1433

Grant # F14AP00519

Wongezi chimpanzee project: Initiating West African chimpanzee conservation interventions on the Liberia-Guinea border. In partnership with Fauna and Flora International, the purpose of this project is to assist Liberia's Forest Development Authority (FDA) to change the management status of Wongezi Forest Reserve to a National Park, thereby enhancing habitat protection for 37,968 acres of high priority habitat for western chimpanzees.

FWS: \$50,120

Leveraged Funds: \$50,133

ASIA

In 2014, the USFWS provided funding to 19 projects for ape conservation in Asia, totaling \$958,175 in USFWS funding which was matched by an additional \$1,041,142 in leveraged funds. The funding supports field activities in seven Asian countries.

Grants

BURMA

GA-1415

Grant # F14AP00885

Community-based conservation of eastern hoolock gibbon and its habitat in Karen State, phase III - Strengthening sustainabilities. In partnership with the People Resources and Conservation

Foundation, the purpose of this project is to strengthen community forest management at three priority sites, specifically targeted at protecting globally significant populations of eastern hoolock gibbon. This will be done through various activities, including developing and carrying out participatory action plans to address threats to gibbons and local conservation values; supporting assisted habitat regeneration in gibbon habitat corridors; and carrying out systematic gibbon population inventories.

FWS: \$49,851

Leveraged Funds: \$20,653

CAMBODIA

GA-1435

Grant # F14AP00963

Pileated gibbon conservation education and public outreach through the Kouprey Express. In partnership with Wildlife Alliance, the purpose of this project is to deliver an education curriculum that includes information regarding wildlife and forestry laws and information that will enable Cambodians to make informed decisions regarding the sustainable management of their natural resources while promoting protection of areas rich in biodiversity. This will be done by delivering a gibbon-focused environmental education curriculum to students, teachers, community members, and community leaders in Koh Kong, Kompong Som, and Phnom Penh; conducting conservation-oriented Community Night Shows and field trips to Phnom Tamao Wildlife Rescue Center (PTWRC); conducting follow up visits to each school to ensure that teachers are delivering the environmental education lessons and to provide them continuing support in doing that; expanding the Kouprey Express' partnership network; and renewing existing signs and installing new, high visibility multi-lingual billboards and overhead signs at highly trafficked intersections with conservation messages targeting illegal trafficking of wildlife.

FWS: \$56,667

Leveraged Funds: \$261,345

GA-1443

Grant # F14AP00967

Enhanced conservation of yellow-cheeked crested gibbon through direct protection and ecotourism in southern Mondulhiri, Cambodia. In partnership with the Wildlife Conservation Society, the purpose of this project is to ensure the long-term conservation of the largest population of the yellow-cheeked crested gibbon in the world through effective protection of the core area of Seima Protection Forest and the development gibbon-based ecotourism. This will be done by direct protection of gibbons and their habitat; monitoring of law enforcement efforts using Spatial Monitoring and Reporting Tool (SMART) conservation software; developing a community-based ecotourism project; and monitoring key indicators of the ecotourism project.

FWS: \$54,068

Leveraged Funds: \$55,085

GA-1450

Grant # F14AP00973

Establishing gibbon monitoring in Bokor National Park through supporting Cambodia's future conservation professionals. In partnership with Fauna and Flora International, the purpose of this project is to initiate a pileated gibbon monitoring program by conducting repeat surveys at ten sites in Bokor National Park. This will be done by developing a monitoring protocol; identifying areas of high gibbon density and their preferred habitat; determining the feasibility of

undertaking a joint approach to long term gibbon monitoring and conservation with the park's major concession holder and the national park's management; and improving national capacity to undertake gibbon conservation.

FWS: \$46,577

Leveraged Funds: \$22,517

INDIA

GA-1409

Grant # F14AP00883

Forest department-community partnership to improve protection of western hoolock gibbons (Hoolock hoolock) in Jeypore Rainforest, phase-III, India. In partnership with the Wildlife Areas Development and Welfare Trust, the purpose of this project is to work with the Forest Department and local communities to further protect one of India's most viable gibbon populations. This will be done by continuing regular patrols according to Spatial Monitoring and Reporting Tool (SMART) protocols; systematically recording patrol details and using this information to plan future patrols; training the gibbon patrol units; and working with the Police Department and/or Army to provide the patrol teams with additional law enforcement training.

FWS: \$21,300

Leveraged Funds: \$23,176

GA-1419

Grant # F14AP00894

Training of forest guards for the conservation of hoolock gibbon in Assam, India. In partnership with Aaranyak, the purpose of this project is the long term conservation of hoolock gibbons and their habitat in Assam by producing a group of trained, skilled and motivated forest guards working closely with local human communities. This will be done by providing nearly 100 Forest Guards training on a range of topics, including gibbon survey techniques and gibbon conservation.

FWS: \$49,995

Leveraged Funds: \$50,199

INDONESIA

GA-1417

Grant # F14AP00893

Monitoring and protection of reintroduced orangutans in the Batikap Hill Conservation Forest, Central Kalimantan, Indonesia. In partnership with Yayasan Penyelamatan Orangutan Borneo (BOS Foundation), the purpose of this project is to support the successful reintroduction of rescued orangutans into well-protected natural forest in synergy with local community engagement and support, thus creating a long-lasting legacy for nature conservation and poverty eradication. This will be done by monitoring released orangutans and providing on-site veterinary support; undertaking weekly visits to nearby villages; establishing a human-orangutan conflict mitigation plan; developing an environmental education program; assisting villages to implement their community development plan; and developing and implementing a regular conservation patrol plan in partnership with the local government.

FWS: \$55,455

Leveraged Funds: \$59,682

GA-1447**Grant # F14AP00968**

Saving Sumatran orangutans through improving and strengthening law enforcement. In partnership with the Wildlife Conservation Society, the purpose of this project is to reduce poaching, illegal logging, encroachment, and other threats in key-habitat in Gunung Leuser National Park as well as trade, trafficking and possession of Sumatran orangutans. This will be done by patrolling key orangutan habitats in Gunung Leuser National Park; and enabling the collection of information on illegal trade in orangutans in order to capture, arrest and successfully prosecute poachers and traders of orangutans.

FWS: \$58,242

Leveraged Funds: \$58,268

GA-1463**Grant # F14AP00976**

Saving rainforests and endangered species through health care and alternative livelihood training. In partnership with Health in Harmony, the purpose of this project is to conserve Gunung Palung National Park, an important protected area for orangutans and gibbons through a program that uses health care benefits as an incentive for villagers to stop illegal logging. This will be done by carrying out low-cost reforestation of orangutan corridors; conducting a “Turn Your Debt to Forest” campaign; developing alternative livelihoods for people engaged in illegal logging; expanding the illegal logging monitoring program; and developing a How-to Manual for replication in other locations.

FWS: \$74,954

Leveraged Funds: \$107,662

LAO PDR**GA-1432****Grant # F14AP00962**

Improving the conservation status of western black crested gibbon in Nam Kan National Protected Area, Lao PDR. In partnership with Fauna and Flora International, the purpose of this project is to improve the understanding of the status of the black crested gibbon (*Nomascus concolor*) in Nam Kan National Protected Area (NPA), to support management planning and prioritize resources for the conservation of the species. This will be done by providing the necessary training to local government and non-government organization staff and then carrying out field surveys of the gibbons throughout the NPA; assessing threats to gibbons through village interviews; conducting a village awareness program; engaging stakeholders to prepare a Species Conservation Action Plan and find a solution to NPA conservation and management hindered by an ambiguous boundary demarcation; and facilitating the implementation of effective law enforcement patrols through provision of Spatial Monitoring and Reporting Tool (SMART) training to the village law enforcement patrol teams.

FWS: \$58,044

Leveraged Funds: \$36,478

GA-1437**Grant # F14AP00966**

Strengthening systems for reducing poaching and forest encroachment, and law enforcement monitoring for gibbons in Nam Kading National Protected Area, Lao PDR. In partnership with the Wildlife Conservation Society, the purpose of this project is to strengthen defenses against poaching and habitat encroachment for globally significant gibbon populations in the Nam

Kading National Protected Area by increasing enforcement staffing; expanding the coverage of patrols and investigations; forming a mobile rapid response team for investigating and suppressing wildlife crime; and implementing the new improved SMART system for law enforcement monitoring.

FWS: \$52,943

Leveraged Funds: \$52,504

GA-1454

Grant # F14AP00974

Reinforcing systems for the enhanced protection of the northern white-cheeked gibbon (Nomascus leucogenys) in the Nam Et Phou Louey National Protected Area core zone, Huaphan Province, Lao PDR. The purpose of this project is to conserve globally significant populations of northern white-cheeked crested gibbons in the Nam Et-Phou Louey National Protected Area by enabling concentrated enforcement interventions in strategic areas to protect these populations. This will be done by conducting district meetings to increase cooperation between the relevant government agencies and patrol teams; supporting substation heads to attend the monthly strategic planning meetings to create adaptive, strategic plans for protecting gibbons and to report on findings from patrols; and increasing and strengthening forest-based patrolling.

FWS: \$54,696

Leveraged Funds: \$53,883

MALAYSIA

GA-1430

Grant # F14AP00956

Assessing orangutan density with unmanned aerial vehicles: testing a new method along the Kinabatangan river, Sabah, Malaysia. In partnership with Liverpool John Moores University, the purpose of this project is to conduct a set of aerial (unmanned aerial vehicle, or UAV, and helicopter) and ground surveys so that it can be determined whether the UAV surveys can provide similar density estimates as those from ground and helicopter surveys and whether a fully automated system to detect nests can be used to assess orangutan status not only in Kinabatangan, but throughout Borneo. This will be done by comparing nest density results obtained in the same forest patches using three different survey methods and the costs associated with each method; determining the usage of non-forest land by orangutans in the Lower Kinabatangan Wildlife Sanctuary (LKWS); determine the LKWS areas that need regular monitoring; and developing models of the habitat changes in those same areas so the changes may be assessed and their impacts upon orangutan movements may be determined.

FWS: \$36,461

Leveraged Funds: \$48,177

GA-1449

Grant # F14AP00971

Conservation of orangutans in the Batang Lemanak-Batang Skrang area of Lanjak-Entimau Wildlife Sanctuary (LEWS) and in the Ulu Sungai Menyang area in Sarawak, Malaysia. In partnership with the Wildlife Conservation Society, the purpose of this project is to increase the level of legal protection and rates of detection and reporting of wildlife crimes through outreach and education to local people and by involving them in conservation activities. This will be done by conducting community dialogue and engagement; conducting biological surveys and creating a spatial overlay of orangutan nest encounters for the landscape; organizing meetings with Sarawak Forestry Corporation (SFC) and other potential partners to revise the current

conservation outreach program; co-developing, implementing and evaluating orangutan-themed skits with SFC based on the storyline of previously developed radio programs; and conducting community dialogues.

FWS: \$52,255

Leveraged Funds: \$52,586

VIETNAM

GA-1406

Grant # F14AP00878

Strengthening conservation of the northern yellow-cheeked gibbon and the establishment of community-based monitoring groups on the eastern slope of the Central Annamites, Vietnam. In partnership with the Southern Institute of Ecology in Vietnam, the purpose of this project is to provide accurate information on the status of the gibbons of this region, encourage involvement of local people in gibbon monitoring and conservation, and facilitate establishment of new protected areas in the region. This will be done by establishing community-based monitoring and patrol teams; providing training on survey techniques; estimating the population size of gibbons and identifying key sites for conservation of gibbons and other endangered primates; providing training on identification of globally threatened and most commonly traded species in the region; and conducting an awareness-raising program in secondary schools and villages in two districts.

FWS: \$48,702

Leveraged Funds: \$12,757

GA-1421

Grant # F14AP00896

Benefit sharing access and the conservation of the yellow-cheeked crested gibbons within Vietnam's Bu Gia Map National Park. In partnership with Bu Gia Map National Park, the purpose of this project is to better protect the habitats of the yellow-cheeked crested gibbon within the protected area by limiting the impacts of local people on the park's core zone and by creating benefit sharing mechanisms within the park. This will be done by conducting focus groups to identify harvested non-timber forest products and creating a map of the areas that can be harvested without disturbing the gibbons or damaging their habitats; monitoring the harvestable species to ensure sustainability; formalizing agreements for the purpose of benefit sharing; creating non-timber forest management councils to help control and monitor activities within the park; and using sign boards to create borders between the preferred habitats of the gibbons and harvestable areas.

FWS: \$49,720

Leveraged Funds: \$16,692

GA-1431

Grant # F14AP00960

Mitigating threats to the western black crested gibbon in northern Vietnam via community conservation teams and enforcement of firearm controls. In partnership with Fauna and Flora International, the purpose of this project is to reduce anthropogenic resource extraction from the Muong La Watershed Area and Mu Cang Chai Species Habitat Conservation Area to halt habitat loss and stabilize the western black crested gibbon population. This will be done by strengthening community-based protection of the gibbons and their habitat; strengthening enforcement of the national firearm decree to curtail illegal hunting; and constructing a forest conservation station to allow more strategic patrolling.

FWS: \$63,702

Leveraged Funds: \$35,047

GA-1438**Grant # F14AP00897**

Strengthening enforcement capacity and regulations towards eliminating the trade in yellow-cheeked crested gibbons (Nomascus gabriellae) and other endangered species in southern Vietnam. In partnership with the Wildlife Conservation Society, the purpose of this project is to disrupt and dismantle the networks trading yellow-cheeked crested gibbons and other endangered species in the Ho Chi Minh City Metropolitan Area. This will be done by strengthening enforcement on wildlife crimes; strengthening regulation and management of private zoos and living collections of endangered wildlife; generating intelligence for monitoring key wildlife networks; and strengthening capacity of frontline enforcement officers.

FWS: \$52,191

Leveraged Funds: \$52,696

GA-1457**Grant # F14AP00975**

Monitoring, management and protection of critically endangered gibbons at Chu Mom Ray National Park, Vietnam. In partnership with the Douc Langur Foundation, the purpose of this project is to initiate gibbon monitoring in the park carried out by local community members; produce a coherent gibbon management plan for the park; and involve local community members in the park's gibbon conservation activities to strengthen their commitment to conservation and the park.

FWS: \$22,352

Leveraged Funds: \$21,735