

CFDA 15.641

***Wildlife Without Borders-Mexico***  
**Summary of Projects 2005**

**Projects: 20**

**Total FWS Funding: \$667,924**

**Total Leveraged Funds: \$1,779,652**

**“Participatory Training for Local Communities to Restore Habitat in the Monarch Butterfly Biosphere Reserve”** promotes the long-term conservation of the wintering habitat of the monarch butterfly through natural resource management training for the communities of the Monarch Butterfly Biosphere Reserve in Mexico. Under this Award the Recipient will: (1) implement 36 workshops on natural resource conservation and management for a minimum of 200 local participants; (2) Implement 16 local natural resource management plans; (3) Train an additional 7 future instructors; (4) Equip and maintain a fully-functioning training center at the Reserve; (5) Develop a training curriculum and schedule for the training center; (6) Produce and distribute training and educational material; and (7) Build local support for the project in Mexico through ALTERNARE’s Advisory Group and other outreach means. In partnership with ALTERNARE, A.C. **FWS Funding: \$48,000.00; Leveraged Funds: \$240,980.**

**“Strengthening Leadership of Local Resource Managers in Rural Areas of Tlaxcala”** creates a cadre of local natural resource managers in key rural areas of Tlaxcala to act as trainers and promoters to train other grass-roots natural resource managers in the country. Under this Award the Recipient will: 1) Train fifteen local peasant farmers interested in natural resource conservation and Management; 2) Implement five training courses (100 hours) in natural resource conservation and management, with emphasis on the development of leadership characteristics; 3) Implement three pilot projects; and 4) Produce training material. In partnership with Centro Campesino, A.C. **FWS Funding: \$20,000; Leveraged Funds: \$21,200.**

**“Third Certificate Course on Geographic Information Systems in Chiapas”** will implement the 3rd Certificate Course (15 days) in GIS for resource managers in the state of Chiapas, Mexico. The course will include the participation of a minimum of 30 trainees from different agencies involved in natural resource management in the nature reserves of Chiapas. Activities under this award will also include the development of a GIS strategy for each agency represented and the production and distribution of a GIS training manual. In partnership with IDESMAC. **FWS Funding: \$39,485; Leveraged: \$221,100.**

**“Sustainable Development Techniques Implemented by Peasant Women in the Selva Lacandona Rainforest, Chiapas”** promotes the long-term conservation of the Selva Lacandona Rainforest in Chiapas, Mexico’s most important biodiversity region, through implementation of natural resource management techniques by local peasant women. Under this Award the Recipient will: 1) Conduct a needs assessment in the area; 2) Train 120 women peasant farmers from the area; 3) Create 12 teams of promoters to train other groups; 4) Develop, implement, and evaluate three sustainable natural resource use projects in the Lacandon Rainforest; 5) Create a permanent environmental education program for the elderly, children and teenagers; and 6) Produce three environmental assessments and work plans for three different regions of the area. In partnership with IDESMAC. **FWS Funding: \$35,000.00; Leveraged: \$24,400.**

**“Women and natural resource management in dry forests”** promotes the long-term conservation of dry forest ecosystems in the coast of Oaxaca through participatory natural resource management training to two groups of indigenous women in coastal towns of Oaxaca. Under this Award the Recipient will: 1) provide natural resource management training (six workshops) for 40 women from two coastal communities in Oaxaca; 2) Implement six restoration projects in these areas; 3) Implement reforestation activities in three hectares of land; 4) Build fifteen clay stoves in participants’ homes to prevent wood cutting for firewood; and 4) Produce 3000 local species plants to be used for reforestation. In partnership with Serbo, A.C. **FWS Funding: \$35,000; Leveraged Funds: \$51,400.**

**“Training in Ecological Restoration for Local Peasant Communities in the Chilapa region, Guerrero, Mexico”** promotes the long-term conservation of the Chilapa region of Guerrero, Mexico, a key biodiversity hotspot in the country, through training in ecological restoration for local inhabitants. Under this Award the Recipient will: 1) Produce seedlings of local plant species for reforestation in the area; 2) Create three nurseries managed by the local communities; 3) Establish reforestation sites with these local species managed by the local communities; 4) Implement joint field work between the technicians and the local peasant farmers in order to promote technology and information transfer; 5) Implement a minimum of eight restoration projects in the area; 6) Implement two workshops: one addressing agroecology; the other, restoration techniques and practices; and 7) Produce a training manual on restoration techniques for peasant farmers. In partnership with Grupo de Estudios Ambientales. **FWS Funding: \$35,000; Leveraged: \$113,077.**

**“Certificate Course on Marine Protected Area Designation”** promotes the long-term conservation of the islands and other important marine ecosystems in the Baja Peninsula through the implementation of a short-term, on-the-job certificate course on marine protected area designation and management. Under this Award the Recipient will: 1) Implement the first certificate course (8 modules-5- hours/each) in marine protected area designation and management with the participation of a minimum of 30 trainees from the government (federal, state, and local level), and members of key NGOs in the area; 2) Issue an academic certificate to participants, with credit value towards further graduate studies; 3) Develop the curriculum; 4) Select the instructors; 5) Produce training material, including a training manual; and 6) Establish a network of marine protected area managers. In partnership with Universidad Autonoma de Baja California. **FWS Funding: \$40,000; Leveraged Funds: \$51,400.**

**“First International Course for Park Wardens in Mexico and Central America”** implements the first short course in natural resource management for park wardens of Mexico and Central America, with the participation of a minimum of 30 trainees. Under this Award the Recipient will develop the course curriculum, implement the course, develop and distribute training and other educational materials to the trainees, and conduct an evaluation of the course. In partnership with Instituto de Historia Natural. **FWS Funding: \$20,000; Leveraged Funds: \$42,612.**

**“Protecting Coral Reef Ecosystems: Implementing a Coral Reef Conservation Program for Akumal”** promotes the long-term protection of coral reef ecosystems and associated wildlife species in Akumal, Mexico. Under this Award the Recipient will: 1) Establish a permanent coral reef ecosystem monitoring program for the Akumal area that is both community-based and integrated into larger national and global efforts; 2) Increase awareness among local people and visitors through the production and distribution of educational material and the establishment of a Coral Reef Ecology Education Program; 3) Increase cooperation with Mexican Government

agencies, NGOs, universities and local communities, including local schools, for the protection of these reef ecosystems; and 4) Produce and distribute educational material. In partnership with Centro Ecologico Akumal, A.C. **FWS Funding: \$35,000; Leveraged: \$50,715.**

**“Environmental Education and Training for Jaguar Conservation in Yucatan”** promotes the conservation of endangered jaguar populations in the Yucatan Peninsula, Mexico. Under this Award the Recipient will: 1) Train eight local people as field assistants in jaguar conservation; 2) Develop, produce and distribute educational material for local people; 3) Establish, equip and maintain a field station for jaguar monitoring; and 4) Produce a recovery/management plan for jaguar in the region. In partnership with Pronatura Peninsula de Yucatan, A.C. **FWS Funding: \$35,000; Leveraged: \$68,075.**

**“Certificate Course in Outreach for Natural Protected Areas of Mexico”** promotes the long-term conservation and management of Mexico’s key biodiversity areas through the training of reserve managers in social participation and outreach techniques and practices in order to effectively involve local populations in the conservation of these resources. Under this Award the Recipient will: 1) Implement the third Certificate Course in Outreach for Natural Resource Managers in Mexico; 2) Train 25 individuals; 3) Conduct an evaluation of the results of the first and second courses; and 4) Produce a training manual for the course. In partnership with Pronatura Chiapas, A.C. **FWS Funding: \$40,000; Leveraged: \$54,110.**

**“Interactive CD: Marine Turtles; Get to Know Them and Protect Them”** promotes the long-term conservation of important breeding sites of several species of marine turtles in the Baja California Peninsula by raising public awareness. Under this Award the Recipient will: 1) Design the content and script of the CD in consultation with marine turtle experts and educators; 2) Produce the CD; and 3) Disseminate the CD widely through schools and education centers. In partnership with Pro Esteros, A.C. **FWS Funding: \$15,000; Leveraged: \$28,300.**

**“Birds of Con Caac, Annotated Field Guide in Three Languages”** protects endangered migratory seabirds in the coastal area of the Baja Peninsula, Mexico, through the production of a list of bird species in the area and the involvement of local communities. Under this award the Recipient will: 1) Produce a list of birds of the region in three regional languages; 2) Consolidate data on birds of the area from local sources; and 3) Implement environmental education activities for local people in the area. In partnership with Conservacion del Territorio Insular Mexicano. **FWS Funding: \$15,000; Leveraged: \$49,660.**

**“Diplomado on Conservation and Management of Wetlands in Mexico”** creates a cadre of top-notch natural resource managers in Mexico through an on-the-job training program specifically designed for Mexican officers, with particular emphasis on state-level participation. Under this Award the Recipient will: 1) Provide four weeks of specialized training on Biodiversity Conservation theory and practice-focusing on wetland ecosystems to a minimum of 35 Mexican resource managers, with special emphasize on state-level official personnel; 2) Produce a course training manual; 3) Create a network of resource managers participating in the course; and 4) Conduct an evaluation of the course. In partnership with Unidos Para La Conservacion. **FWS Funding: \$70,000; Leveraged: \$94,088.**

**“Training for a Sustainable Future in the Sierra Gorda Biosphere Reserve”** promotes the long-term conservation of the natural resources and wildlife which the Sierra Gorda Biosphere Reserve harbors. Under this Award the Recipient will: 1) Establish a natural resource conservation and management training center for local people in the Sierra Gorda Biosphere Reserve; 2) Produce 10 educational brochures and print 2,000 copies of each for community-level training and distribution at the training center; 3) Adapt and link the Teaching and Learning for a Sustainable Future teachers educational program of UNESCO with the pioneering hands-on environmental education program of GESG; 4) Conduct one training session for teachers in the Reserve to set-up an environmental education program; and 5) Develop a training program for directors and staff of other natural protected areas of Mexico and NGO partners. In partnership with Grupo Ecologico Sierra Gorda, A.C. **FWS Funding: \$34,439; Leveraged: \$241,779.**

**“Planning, Education, and Social Organization for Wildlife Conservation in the Proposed Sierra Tarahumara Biosphere Reserve”** develops a management plan for conservation and sustainable development of the proposed Sierra Tarahumara Biosphere Reserve in order to protect wildlife, habitat, natural resources, and watersheds in this key biodiversity area of global importance, while creating opportunities for restorative sustainable development. Under this Award the Recipient will: 1) Conduct strategic educational, diagnostic and planning forums with local authorities in 5 municipalities; 2) Conduct a regional NGO strategic planning meeting; 3) Train members of 10 towns in natural resource management; 4) Distribute 1,000 bilingual environmental education manuals to schools in five municipalities; and 5) Train teachers from local schools. In partnership with Sierra Madre Alliance. **FWS Funding: \$40,000; Leveraged: \$201,300.**

**“Baja California Peninsula Watershed Project”** promotes the long-term protection of the watershed shared by the U.S. and Mexico in the California/Baja California area, and the important biological resources of the Baja Peninsula, through the creation of a cadre of environmentally literate citizens to take an active role in the protection of these resources. Activities under this Award will include: 1) Production of a year-long series of trainings for 30 teachers in Tijuana and Ensenada, Mexico and 10 additional teachers in La Paz, Mexico; 2) Production of a Watershed Activities Guide; and 3) A school/community action project addressing protection of the watershed with the involvement of 40 schoolteachers. In partnership with San Diego Natural History Museum. **FWS Funding: \$17,000; Leveraged: \$52,752.**

**“The Parrot Trade in Mexico: A New Assessment of the Scale, Pathways and Impacts of Legal and Illegal Trade”** promotes the conservation of endangered parrots in Mexico by undertaking a comprehensive, critical examination of parrot trade in Mexico using both government data and field investigations and producing a report to include recommendations. Under this Award the Recipient will: 1) Produce estimates of annual volumes of both legal and illegal parrot trade; 2) Describe trade mechanisms; 3) Identify black markets; 4) Estimate pre-market mortality and collection areas; 5) Develop estimates of net impact on trade; and 6) Make recommendations for reducing the scale and impact of both legal and illegal trade. In partnership with Defenders of Wildlife. **FWS Funding: \$17,000. Leveraged: \$23,725.**

**“Restoration of the California Condor to Baja California, Mexico”** supports efforts to reintroduce condor into historic range in Mexico. Under this Award the Recipient will: 1) Continue to reintroduce condors at the expected rate of 4-8 this year; 2) Monitor released birds using radiotelemetry and satellite GPS technology; 3) Conduct in-depth behavioral research to help produce the most successful and socially-adept release candidates; 4) Conduct educational outreach to local ejidos; and 5) Train Mexican biologists and students as an integral and ongoing

component of this project. In partnership with Zoological Society of San Diego. **FWS Funding: \$37,000; Leveraged Funds: \$176,979.**

**“Capacity Building Training for Mexican Wildlife Managers from Mexico-U.S. Border Mexican States”** strengthens Mexico’s wildlife and habitat management decentralization process. Under this Award the Recipient will: 1) Implement a two-week training workshop with the participation of a minimum of 30 Mexican wildlife managers from the state government agencies of Baja California, Sonora, Chihuahua, Coahuila, Nuevo Leon and Tamaulipas to address topics in wildlife and habitat management policies and practices at the regional level; 2) Create and maintain a network of regional wildlife managers in North America; and 3) produce and distribute a training manual on wildlife and habitat management at the regional level resulting from this workshop in English, Spanish and French.. In partnership with Espacios Naturales y Desarrollo Sustentable. **FWS Funding: \$30,000; Leveraged Funds: \$172,000.**