

Proactive Nonlethal Measures Taken by Defenders of Wildlife to Prevent Conflict Between Humans and Large Carnivores

Projects completed from 1998 through March 2010: 266 Total expenditures*: \$949,353

| March 2010 | WISCONSIN | Costshared the purchase of two miles of fladry to help prevent interactions between wolf and livestock. | \$1,800 |
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| January 2010 | PAYETTE NATIONAL FOREST, ID | Costshared the purchase of livestock guarding dogs to reduce conflicts between wolves and livestock. | \$1,350 |
| December 2009 | MONTANA STATE FAIRGROUNDS | Contributed towards the purchase of food storage boxes to Montana Fish, Wildlife & Parks for campgrounds in Montana. | \$8,197 |
| December 2009 | DUPUYER, MT | Contributed toward the purchase of an additional livestock guard dog to assist in grizzly bear and livestock coexistence efforts. | \$800 |
| November 2009 | LOLO NATIONAL FOREST | Provided labor and equipment for bear resistant garbage enclosure to prevent attracting grizzly bears into the area. | \$2,890 |
| November 2009 | WESTERN MONTANA | Provided funding for bear-resistant dumpsters to be used in various locations in Western Montana. | \$2,985 |

| September 2009 | ALONG THE ROCKY MOUNTAIN FRONT ON PRIVATE LANDS BETWEEN CHOTEAU AND THE BLACKFEET RESERVATION | Contributed to the purchase of solar-powered batteries for 10 beeyards as part of a joint project with Partners for Fish & Wildlife. | \$1,677.50 |
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| September 2009 | BLACKFEET RESERVATION AND SOUTH OF AUGUSTA, MT | Contributed to the purchase of a portable electric fence to prevent conflicts with grizzly bears. | \$1,438.70 |
| September 2009 | GALLATIN NATIONAL FOREST, MT | Contributed towards retirement of Wapiti livestock allotment to prevent conflicts between livestock and grizzly bears. | \$5,000 |
| September 2009 | AUGUSTA, MT | Provided fencing supplies to prevent conflicts with llamas and grizzly bears. The project was part of joint project with Partners for Fish & Wildlife | \$2,789 |
| September 2009 | NORTHWEST MONTANA | Provided support towards hiring range riders to monitor cattle to prevent conflicts with wolves and grizzly bears. | \$4,000 |
| August 2009 | BLACKFEET RESERVATION, MT | Contributed to the purchase of bear- resistant containers for securing food, trash and recycling safely beyond the accessibility of bears. | \$2,985 |
| July 2009 | NORTHERN BORDER OUTSIDE OF YELLOWSTONE NATIONAL PARK | Contributed towards hiring range riders to monitor cattle and reduce conflicts between wolves and livestock. | \$5,500 |
| July 2009 | SAWTOOTH NATIONAL RECREATION AREA, ID | Purchased five collars with spikes for livestock guarding dogs to protect them from wolves. Similar nonlethal deterrents have been used to protect livestock guard dogs in Europe. | \$385 |

| July 2009 | CENTRAL IDAHO | Contracted assistance to help monitor sheep bands and wolf activity, which will help to reduce livestock depredations in the Big Wood River Valley | \$31,787 |
|------------|---|---|----------|
| June 2009 | BLACKFEET RESERVATION, MT | Contributed to the cost of fencing for beeyards to reduce conflicts with grizzly bears. | \$152.50 |
| June 2009 | APACHE- SITGREAVES NATIONAL FOREST, AZ | Contributed towards hiring range riders to protect cattle and reduce conflicts between wolves and livestock. | \$6,000 |
| June 2009 | GILA NATIONAL FOREST, NM | Contributed funds toward a fencing project to help prevent interactions between wolf and livestock. | \$3,675 |
| April 2009 | ISLAND PARK, ID | Contributed to a bear-resistant bin subsidy program for local citizens. To prevent attracting grizzly bears into the area, the program encourages the proper disposal of garbage and the containment of livestock feed. | \$2,000 |
| May 2009 | ROCKY MOUNTAIN FRONT | Contributed towards the purchase of GPS collars for Rocky Mountain Front to identify grizzly bear corridors in the prairie for land protection. | \$2,000 |
| April 2009 | APACHE- SITGREAVES NATIONAL FOREST, AZ | Contributed towards permanent fencing costs to help reduce conflicts between livestock and wolves. | \$7,000 |
| March 2009 | PAYETTE NATIONAL FOREST, ID | Cost-shared the purchase of four livestock guarding dogs for use in sheep operations to reduce conflicts with wolves. | \$1,350 |
| March 2009 | BOISE NATIONAL FOREST, ID | Cost-share the purchase of three livestock guarding dogs for use in sheep operations to reduce conflicts with wolves. | \$1,012 |

| February 2009 | LINCOLN, MT | Contributed to fencing constructed around the local dump to prevent attracting grizzly bears into the area. | \$2,000 |
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| January 2009 | NORTHERN ROCKIES REGION | Provided funding for educational displays to prevent encounters between humans and grizzly bears. | \$3,000 |
| January 2009 | NORTHERN BORDER OF YELLOWSTONE NATIONAL PARK, MT | Contributed towards the Wind River Bear Institute's effort to reduce conflicts between people and grizzly bears. | \$5,000 |
| December 2008 | SWAN VALLEY, MT | Contributed towards the purchase of bear-resistant garbage containers. | \$6,000 |
| December 2008 | ISLAND PARK, IDAHO | Contributed to the cost of bear-resistant dumpsters. | \$2,500 |
| September 2008 | GILA NATIONAL FOREST IN THE SW | Provided fencing to reduce conflicts between horses and wolves. | \$2,000 |
| September 2008 | WHITE MOUNTAIN, AZ | Provided funding for cattle herding and other nonlethal preventative methods. | \$576 |
| August 2008 | GILA NATIONAL FOREST IN THE SW | Provided funding to purchase fencing to prevent conflicts between goats and wolves. | \$250 |
| August 2008 | GILA NATIONAL FOREST IN THE SW | Provided funding to purchase fencing materials to prevent conflicts with wolves. | \$689 |
| August 2008 | APACHE- SITGREAVES NATIONAL FOREST, AZ | Costshared the purchase, implementation and the hiring of two employees to maintain and move turbofladry to prevent conflicts between sheep and wolves. | \$5,438 |

| July 2008 | NORTHERN ROCKIES REGION | Contributed to the research evaluating new wolf population monitoring methods. | \$2,500 |
|--------------------|-------------------------------|--|----------|
| July-November 2008 | CENTRAL IDAHO | Contracted assistance to help monitor sheep bands and wolf activity, which will help to reduce livestock depredations in the Big Wood River Valley | \$23,273 |
| June 2008 | ISLAND PARK, ID | Helped to establish a bear-resistant bin subsidy program for the citizens of Island Park, Idaho. | \$2,000 |
| June 2008 | ISLAND PARK, ID | Contributed to the purchase of four bear-resistant dumpsters for the Boy Scouts of America camp. | \$2,500 |
| June 2008 | SOUTH CENTRAL MONTANA | Contributed to the cost of a range rider program, which will help to prevent conflicts with wolves. | \$2,250 |
| June-December 2008 | SOUTH CENTRAL MONTANA | Contributed to hire a range rider to help reduce conflicts with wolves. | \$5,500 |
| June 2008 | CENTRAL IDAHO | Purchased hay to provide an alternative pasture for cattle to graze. | \$2,500 |
| June 2008 | SOUTH CENTRAL MONTANA | Shared the cost of purchasing three livestock guarding dogs to reduce conflicts between wolves and goats. | \$1,038 |
| May 2008 | BABB, MT | Cost-shared providing an alternative pasture and supplemental hay for cattle. Through this funding, cattle were moved from a pasture near a den site to help reduce conflicts with wolves. | \$6,920 |
| May-September 2008 | WEST CENTRAL MONTANA | Hired range riders to help reduce livestock conflicts with wolves in western Montana for the summer/fall grazing season. | \$6,750 |
| May 2008 | CHOTEAU, MT | Built an electric fence around property in grizzly bear travel zone. | \$1,684 |

| May 2008 | DUPUYER, MT (NCDE) | Helped build a fence along the playground at the rural school to keep bears away. | \$2,000 |
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| May 2008 | NORTH CASCADES NATIONAL PARK (NCE) | Purchased three food storage lockers for campsites in prime grizzly bear habitat. | \$3,454 |
| May 2008 | OKANOGAN/W ENATCHEE NATIONAL FORESTS, WA (NCE) | Bought seven bear-resistant garbage dumpsters in areas with high black bear conflicts. | \$15,392 |
| April 2008 | PRIEST LAKE, ID (SE) | Purchased 12 bear-resistant food storage lockers for campgrounds. | \$5,500 |
| March-April 2008 | WEST CENTRAL MONTANA | Cost-shared payment for range riders to monitor cattle during the winter calving season. | \$1,520 |
| February 2008 | YELLOWSTONE ECOSYSTEM | Contributed to grazing allotment retirement in key grizzly bear habitat. | \$5,000 |
| November 2007 | SEELEY LAKE, MT (NCDE) | Built a bear-resistant cage around the garbage dumpsters at the elementary school. | \$857 |
| November 2007 | 9 MILE RANGER STATION, MT | Purchased 10 bear-resistant containers to contribute to the 9 Mile Ranger station community loaner program establishing connectivity to the Bitterroot Ecosystem through habitat sanitation for large carnivores and other wildlife. | \$2,865 |
| September 2007 | GRANGEVILLE, ID | Cost-shared the purchase of hay to provide an alternative pasture for horses located near wolf country. | \$11,250 |

| September 2007 | NORTHERN CONTINENTAL DIVIDE, CABINET /YAAK & YELLOWSTONE ECOSYSTEMS | Purchased 32 bear-resistant bins for grizzly bear conflict specialists to loan out to rural residents located in Montana. | \$7,690 |
|----------------|---|--|---------|
| September 2007 | ISLAND PARK, ID | Cost-shared with the Forest Service, Fish and Wildlife Service and Boy Scouts to purchase 12 bear-resistant containers to place at a boy scout camp with increasing bear activity. | \$5,000 |
| August 2007 | WEISER, ID | Cost-shared the purchase of six livestock guard dogs to prevent conflicts between sheep and wolves in Payette National Forest. | \$1,875 |
| August 2007 | UPPER PENINSULA OF MICHIGAN | Shared the purchase of four Great Pyrenees livestock guard dogs to be placed with farmers in wolf country. | \$2,425 |
| August 2007 | KEMMERER, WY | Shared the purchase of two livestock guarding dogs with sheep to prevent conflicts with wolves. | \$625 |
| July 2007 | WINSTON, NM | Hired a range rider for four weeks to prevent cattle losses caused by wolves. | \$1,500 |
| July 2007 | ARCO, ID | Payment for proactive, non-lethal methods for wolves/livestock training presentation. | \$531 |
| July 2007 | PHILLIPSBURG, MT | Payment for signal modifications for telemetry equipment used for proactive non-lethal wolf project. | \$372 |
| July 2007 | PENDROY, MT (NCDE) | Temporary electric fence for sheep bedding ground in an area with chronic losses caused by grizzly bears. | \$5,700 |
| July 2007 | ENNIS, MT | Cost-sharing of materials and labor for construction of range-rider cabin to reduce conflicts with wolves. | \$3,000 |

| July 2007 | DUPUYER, MT | Provided six miles of electric fencing for a sheep pasture on Rocky Mountain Front with history of grizzly bear and other predator depredations. | \$4,817 |
|----------------------|--|---|----------|
| July 2007 | HAILEY, ID | Purchased radio telemetry equipment to support wolf conservation efforts. | \$910 |
| July 2007 | BABB, MT (NCDE) | Installed electric fences around several bee yards in an area with expanding grizzly bear populations. | \$2,772 |
| July 2007 | BRIDGER- TETON NATIONAL FOREST, WY (GYE) | Contributed towards the retirement of cattle grazing allotments in key grizzly bear and wolf habitat east of Yellowstone National Park | \$10,000 |
| June 2007 | EUREKA, MT (CYE) | Provided funding to fence a garbage transfer station for a bear sanitation project in the Cabinet/Yaak Ecosystem. | \$5,000 |
| June 2007 | MISSOULA, MT (NCDE) | Purchased four hid-a-bag containers for busy trailheads in the Lolo National Forest. | \$3,158 |
| June 2007 | RONAN, MONTANA (NCDE) | Provided fencing supplies for livestock pasture with a history of depredations and recent grizzly bear activity. | \$566 |
| June 2007 | BABB, MT (NCDE) | Electric fencing of several beeyards in key grizzly bear habitat on the Blackfeet Indian Reservation. | \$2,772 |
| May 2007 | CLAYTON, ID | Installed a radio-activated guard box in a grazing pasture near a wolf den site | \$200 |
| May-November 2007 | ROSCOE, MT | Hired range rider to help reduce livestock conflicts with wolves in south-central Montana. | \$6,000 |
| May 2007 | CHOTEAU, MT (NCDE) | Provided fencing for a beeyard located in excellent bear habitat. A sheep operation, located adjacent to the beeyard, has experienced conflicts with bears in the past. | \$1,398 |

| May 2007 | NINE MILE, MT (NCDE) | Purchased six bear-resistant bins for loan to rural residents in a key grizzly bear linkage zone. | \$1,491 |
|--------------------------|-------------------------|---|----------|
| May 2007 | CODY, WY | Payment for expenses related to site evaluations for proactive projects at Cody ranches. | \$600 |
| May 2007 | WHITEFISH, MT (NCDE) | Provided fencing for four beeyards in grizzly bear habitat. | \$1,939 |
| May 2007 | HAILEY, ID | Purchased two solar energizers to loan to a ranch during this grazing season for use with electric fencing at night corrals. | \$400 |
| May 2007 | PHILLIPSBURG, MT | Purchase of radio telemetry equipment to be loaned to range riders to prevent wolf-livestock conflicts. | \$2,254 |
| May 2007 | MADISON VALLEY, MT | Shared the cost for two livestock guard dogs to help reduce livestock losses to wolves. | \$625 |
| May, 2007 | DIXON, MT | Shared the cost for alfalfa and grass hay to keep cattle off grazing pasture near where wolves are raising young pups. | \$6,000 |
| May-November 2007 | PHILLIPSBURG, MT | Hired range riders to help reduce livestock conflicts with wolves in western Montana for the summer/fall grazing season | \$10,357 |
| May 2007-January 2008 | CODY, WY | Hired range riders to help reduce livestock conflicts with wolves in northwestern Wyoming | \$7,829 |
| March 2007 | EMMETT, ID | Shared the cost for two livestock guard dogs to help reduce livestock losses to wolves. | \$625 |
| March – October 2007 | NORTHERN ROCKIES | Field work conducted in the northern Rockies to help prevent wolf-livestock conflicts | \$19,659 |

| February 2007 | NORTHERN ROCKIES | Purchase of fladry, turbofladry and solar-powered battery system to prevent conflicts between wolves and livestock. | \$7,300 |
|----------------|---|---|---------|
| February 2007 | MIMBRES, NM | Contributed toward the purchase of a dog kennel/fencing project in an area of the Gila National Forest occupied by wolves. | \$5,000 |
| February 2007 | NAMIBIA, AFRICA | Provide support for the continuation of the Wild Dog Project that works towards greater awareness and the acceptance of predator conservation in farmlands and rangelands, education on responsible predator management, and other related activities promoting a long-term conservation ethic. | \$4,000 |
| December 2006 | NORTHERN ROCKIES | Field work conducted in the northern Rockies region to prevent wolf depredations. | \$3,687 |
| December 2006 | ISLAND PARK, ID (GYE) | Purchased five bear-resistant containers for the community. | \$4,000 |
| September 2006 | NORTHERN ROCKIES | Purchased one mile of turbofladry and a solar power system to prevent conflicts with wolves in this region. | \$4,900 |
| September 2006 | ROSCOE, MT | Provided range rider support to prevent conflicts with wolves north of Yellowstone near Red Lodge. | \$2,000 |
| September 2006 | NORTHERN ROCKIES | Field work conducted to prevent livestock conflicts with wolves in the Yellowstone region surrounding the park. | \$5,698 |
| September 2006 | PHILLIPSBURG, MT | Hired range riders to help reduce cattle depredation conflicts with wolves in western Montana. | \$8,148 |
| September 2006 | FLATHEAD INDIAN RESERVATION, MT (NCDE) | Purchased ten bear-resistant bins for Confederated Salish and Kootenai Tribes to loan to rural residents. | \$1,000 |

| August-September 2006 | BIG TIMBER, MT | Continued range rider support to prevent cattle depredation conflicts with wolves in Big Sky, Montana, east of Yellowstone. | \$1,607 |
|--------------------------|---|---|----------|
| August 2006 | NORTH FORK OF THE SHOSHONE RIVER, WY (GYE) | Provided seed money to Bear Smart citizen's group to address garbage problem. | \$10,000 |
| September 2006 | MICHIGAN'S UPPER PENINSULA | Purchased fladry for use to prevent conflicts between wolves and livestock. | \$2,000 |
| September 2006 | MICHIGAN'S UPPER PENINSULA | Provided financial support for fieldwork analyzing the effectiveness of livestock guard dogs for reducing livestock losses from wolves. | \$2,000 |
| August 2006 | HAILEY, ID | Cost-shared the purchase of turbofladry, which will be used to build night corrals to protect sheep from wolf predation in the Sawtooth National Forest in central Idaho. | \$2,350 |
| August 2006 | NORTHERN ROCKIES | Purchased radio telemetry equipment and photo equipment to be used to support proactive, non-lethal wolf conservation efforts. | \$1,849 |
| August 2006 | GRAVELLY CENTENNIAL AND MADISON RANGE WEST OF YELLOWSTONE NATIONAL PARK (GYE) | Shared the cost for the purchase of storage panniers for loan to guide and outfitters using the backcountry. | \$934 |
| August 2006 | RED LODGE, MT (GYE) | Purchased 10 bear-resistant garbage bins for loan to local residents. | \$1,865 |
| July 2006 | BABB, MT (NCDE) | Provided electric fencing for four beeyards in an area with numerous grizzly bears. | \$485 |

| July 2006 | SEELEY LAKE, MT (NCDE) | Cost-shared on a project to place an electric fence around a local garbage dump. Bears had been found inside the large dumpsters gorging on garbage. | \$4,978 |
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| July 2006 | EUREKA, MT (CYE) | Cooperated with U.S. Fish and Wildlife Service to construct electric fences around four beeyards in an area with expanding grizzly bear populations. | \$2,000 |
| June 2006 | FLATHEAD INDIAN RESERVATION, MT (NCDE) | Provided five bear-resistant bins for Confederated Salish and Kootenai Tribes wildlife staff to loan to rural residents to keep bears from getting into garbage. | \$900 |
| June 2006 | SPOTTED BEAR RANGER DISTRICT, LEWIS AND CLARK NATIONAL FOREST, MT (NCDE) | Provided 15 bear-resistant containers for backcountry cabins that were damaged by bears. | \$2,700 |
| June 2006 | CHOTEAU, MT (NCDE) | Paid for electric fencing of a beeyard located in bear habitat. | \$471 |
| June 2006 | CLAYTON, ID | Costs for turbofladry supplies to address conflicts between livestock and the Buffalo Ridge pack. | \$1,571 |
| May-June 2006 | NORTHERN ROCKIES | Field work conducted by the Greater Yellowstone Wolf Guardian Project. This work helps to identify trends in wolf-livestock mortality in the northern Rockies to strategically determine Defenders' 2006 proactive efforts. | \$5,113 |
| May 2006 | NORTHERN ROCKIES | Purchased turbofladry for various proactive projects to prevent conflicts between wolves and livestock. | \$4,982 |
| May 2006 | CONDON, MT (NCDE) | Cost-shared the purchase of a bear- resistant dumpster to keep bears out of the garbage at a local resort. | \$911 |

| April 2006 | WEST SIDE OF NCDE AND BLACKFEET INDIAN RESERVATION (NCDE) | Purchased 23 bear-resistant dumpsters for grizzly bear conflict specialists to loan out. | \$4,450 |
|-----------------------------|--|--|---------|
| April 2006 | ALPINE, AZ | Cost-shared the purchase of fladry to reduce wolf conflicts around calving pastures in wolf-occupied areas, including locations near den sites. | \$1,875 |
| March 2006 | OKANOGAN AND WENATCHEE NATIONAL FORESTS (NCE)) | Helped purchase 16 bear-resistant containers for camp sites. | \$4,000 |
| February 2006 | SOUTHERN PORTION OF THE NORTHERN CONTINENTAL DIVIDE ECOSYSTEM (NCDE) | Contributes to the employment of a grizzly conflict specialist to prevent conflicts between humans and grizzly bears and develop tolerance among residents for grizzly bear recovery in the region. | \$5,000 |
| November 2005 | BLACKFOOT VALLEY, MT (NCDE) | Cost-shared the construction of a predator deterrent fence at a calving ground. | \$2,000 |
| November 2005 | BEAVERHEAD DEERLODGE NATIONAL FOREST, MT (NCDE) | Maintenance and establishment of 24 food hanging poles. | \$5,250 |
| November – December 2005 | GREATER YELLOWSTONE ECOREGION | Field work conducted by contractor for the Greater Yellowstone Wolf Guardian Project. This work helps to identify trends in wolf-livestock mortality in the northern Rockies to strategically determine Defenders' 2006 proactive efforts. | \$3,568 |

| October 2005 | YELLOWSTONE NATIONAL PARK | Purchased a VHS collar for placement on a wild Yellowstone wolf, as part of the ongoing Yellowstone wolf recovery program. | \$2,000 |
|-------------------------|---|---|---------|
| October 2005 | SEELEY LAKE, MT (NCDE) | Purchase of six bear-resistant dumpsters for local businesses. | \$3,162 |
| October 2005 | GLACIER NATIONAL PARK AND NORTH CACADES ECOSYSTEM (NCDE & NCE) | Training for agency personnel in aversive conditioning techniques and use of Karelian bear dogs. | \$5,000 |
| October 2005 | NEW MEXICO | Range rider hired to provide herding and monitoring assistance in wolf-occupied area for four months. | \$5,400 |
| October 2005 | CRUZVILLE, NM | Provided welded wire fencing and reinforcement materials to prevent conflicts. | \$3,148 |
| October 2005 | NEAR CATRON COUNTY, NM | Hired range rider to monitor wolves and calves during calving season for two months. | \$3,100 |
| September 2005 | ROCKY MOUNTAIN FRONT (NCDE) | Purchased two temporary electric fencing kits to loan out prevent conflicts with bears. | \$1,200 |
| August 2005 | NATIONAL FORESTS AROUND YELLOWSTONE NATIONAL PARK (GYE) | 24 temporary electric fence kits for loan to guides and outfitters to help keep a clean camp. | \$5,500 |
| August 2005 | CHOTEAU, MT (NCDE) | Electric fence in key bear travel corridor. | \$1,600 |
| July – November 2005 | GALLATIN MOUNTAIN RANGE, MT | Shared the cost of hiring a range rider during the 2005 summer/fall grazing season to monitor and deter wolves from livestock. | \$2,440 |

| August 2005 | NINE MILE VALLEY, MT (NCDE) | Purchased six bear-resistant dumpsters in linkage area for grizzly bears. | \$7,200 |
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| June 2005 | BABB, MT (NCDE) | Electric fencing of two beeyards. | \$1,073 |
| June 2005 | NORTH OF YELLOWSTONE NATIONAL PARK, MT | Contributed to the campaign to retire a sheep grazing allotment with a history of conflicts with grizzly bears and wolves. | \$6,000 |
| June 2005 | BOISE NATIONAL FOREST, ID | Shared the cost of purchasing a Pyrenees livestock guarding dog to prevent wolf conflicts with sheep. | \$625 |
| June 2005 | WISCONSIN | Provided funding to Wisconsin Department of Natural Resources to conduct aerial monitoring and radio collaring of wolves, which helps determine precise wolf population information about pack size, territory size and range. | \$5,000 |
| June 2005 | BLUE, AZ | Provided funding to move livestock onto private land and supplementing the herd with feed during calving/denning seasons and increasing monitoring of livestock located in three wolf pack territories. | \$6,000 |
| May 2005 | WEISER, ID | Cost-shared the purchase of six livestock guard dogs to prevent conflicts between wolves and sheep. | \$1,875 |
| May 2005 | EAGLE RIVER, AK | Promotion of the "Safe Neighborhoods – Wild Bears" program. Through this program, Eagle River residents pledged to properly store bear attractants, like garbage and birdseed, and to put out trash the morning of pickup. | \$2,637 |
| April 2005 | UMATILLA, FL | Purchased six reconditioned solar chargers for electric fencing around apiaries to deter bears from damaging honey production operations. | \$689 |

| April – May 2005 | CLAYTON, ID | Provided funding for turbo fladry supplies. This method incorporates electric fencing with fladry to discourage wolf predation on livestock. | \$2,906 |
|------------------------|---|--|----------|
| April 2005 | ABSAROKA BEARTOOTH WILDERNESS (GYE) | Contributed to a voluntary grazing lease retirement that will eliminate chronic sheep depredation conflicts with wolves and grizzly bears in 74,000 acres of public lands' core habitat areas. | \$5,000 |
| April 2005 | YELLOWSTONE NATIONAL PARK, WY (GYE) | Provided funding for National Park Service staff to educate Yellowstone National Park visitors about bears to help prevent conflicts between bears and humans. | \$5,000 |
| April 2005 | SOUTHWEST NM | Provided funding for range rider to monitor wolf activity and prevent conflicts with livestock. | \$5,555 |
| January 2005 | WEST YELLOWSTONE, MT (GYE) | Sponsored attendance for a participant at a workshop on preventing conflicts between grizzly bears and humans. | \$758 |
| December 2004 | WHITEFISH, MT (NCDE) | Provided bear-resistant trash containers for city parks in Whitefish. | \$2,000 |
| December 2004 | SWAN VALLEY, MT (NCDE) | Purchased three bear resistant dumpsters for the Swan Valley. | \$2,358 |
| November 2004 | BLACKFOOT VALLEY, MT (NCDE) | Provided energizers for six beeyard fences. | \$3,126 |
| November-December 2004 | PARADISE VALLEY, MT | Provided funding to construct a night corral for sheep. | \$12,370 |
| October 2004 | BEAVERHEAD- DEERLODGE NATIONAL FOREST (NCDE) | Purchased bear-resistant panniers for the Forest Service to loan to outfitters. | \$1,990 |

| October 2004 | CONDON, MT (NCDE) | Constructed electric fencing around two dumpsters that bears had been feeding from. | \$222 |
|-----------------------------|--|--|----------|
| October 2004 | DUPUYER, MT (NCDE) | Provided 20 bear resistant bins for the community of Dupuyer, MT so that garbage at all private residences, as well as the local park, is no longer accessible to bears. | \$2,500 |
| October 2004 | VALLEY, WY (GYE) | Provided fencing supplies for fencing around Valley School (in the town of Valley) southwest of Yellowstone National Park in Wyoming. | \$2,129 |
| September 2004 | SHOSHONE NATIONAL FOREST (GYE) | Provided poles for use by hunters and recreationists to hang their food and quarry safely in the backcountry. | \$5,000 |
| August 2004 – April 2005 | GREATER YELLOWSTONE ECOREGION | <u>Field work</u> conducted by contractors for the Greater Yellowstone Wolf Guardian Project. | \$20,190 |
| September 2004 | IDAHO | Purchased field equipment to assist sheep herders to camp close to sheep and avoid wolf depredations | \$2,490 |
| September 2004 | PAYETTE NATIONAL FOREST, ID | Funded aerial wolf monitoring to help reduce sheep depredations in the Payette National Forest. | \$2,427 |
| August 2004 | IDAHO AND MONTANA | Purchased materials for fladry construction. Fladry will be used as a nonlethal deterrent in areas experiencing wolf depredations in the northern Rockies region. | \$2,700 |
| August 2004 | WEST, EAST AND SOUTH OF THE NORTHERN CONTINENTAL DIVIDE ECOSYSTEM (NCDE) | Provided 20 bear-resistant trash bins for loan to rural residents. | \$3,500 |

| August 2004 | NEGEV DESERT IN SOUTHERN ISRAEL | Provided funding to install fencing to protect gazelles from predation by Arabian wolves. | \$5,000 |
|-------------|--|---|----------|
| August 2004 | MCCALL, ID | Aerial monitoring to determine precise wolf population information about pack size and territory size and range. | \$770 |
| August 2004 | MICHIGAN | Supported research for livestock guarding dog project. | \$2,500 |
| August 2004 | YELLOWSTONE NATIONAL PARK | Sponsored a Global Positioning System (GPS) collar for the Yellowstone Wolf Project. The collars monitor wolf activity and gather data on wolves in Yellowstone National Park. | \$5,000 |
| July 2004 | WEISER, ID | Contributed toward the purchase of four guard dogs to prevent wolf conflicts near Payette National Forest. | \$1,000 |
| July 2004 | BLACKFEET INDIAN RESERVATION, MT (NCDE) | Provided supplies for the installation of electric fencing for two beeyards. | \$834 |
| July 2004 | BLACKFEET INDIAN RESERVATION, MT (NCDE) | Provided 10 bear resistant dumpsters for priority location throughout the Blackfeet Indian Reservation. | \$6,780 |
| June 2004 | SEELEY LAKE, MT (NCDE) | Provided nine bear resistant dumpsters. | \$10,440 |
| May 2004 | WHITEFISH, MT (NCDE) | Provided supplies for three electric beeyard fences. | \$1,271 |
| May 2004 | FAIRFIELD, NC | Provided funding for habitat enhancement for red wolves. | \$2,000 |

| May 2004 | WINDHOEK, NAMIBIA | Contributed to the education and outreach efforts of the Wild dog Project administered by the Namibia Nature Foundation. The project works towards greater awareness and acceptance of predator conservation in farmlands and rangelands and responsible predator management. | \$1,000 |
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| May 2004 | SALMON CHALLIS NATIONAL FOREST | Purchased hay to provide alternative pasture to graze cattle away from the Buffalo Ridge pack. | \$5,000 |
| May 2004 | YELLOWSTONE NATIONAL PARK, WY (GYE) | Provided funding for National Park Service staff to educate visitors about bears to help prevent conflicts between bears and humans. | \$9,000 |
| April 2004 | ALASKA | Contributed to the "Be Bear Aware" campaign administered by Alaska Department of Fish and Game, City & Borough of Juneau, Sitka Conservation Society, Center for Biological Diversity, Sitka Bear Working Group and Defenders of Wildlife. | \$3,000 |
| April 2004 | HELMVILLE, MT (NCDE) | Contributed toward construction of an electric fence around a sheep bedding ground with a history of grizzly depredations. | \$2,750 |
| April 2004 | WEST CENTRAL WISCONSIN | Purchased guardian dogs to protect sheep from wolves. | \$275 |
| March 2004 | NORTH CAROLINA | Provided funding for a study to assess the economic benefits of ecotourism in North Carolina. | \$11,500 |
| March 2004 | GLACIER NATIONAL PARK, MT (NCDE) | Purchased four bear-resistant food storage boxes for front country campgrounds to prevent grizzly bears from getting access to food. | \$4,000 |

| March 2004 | RICE LAKE, WI | Contributed toward the installation of a well, which provided an additional grazing pasture for cattle experiencing conflicts with wolves. | \$8,500 |
|----------------|---|--|---------|
| January 2004 | GREAT LAKES REGION | Study to test fladry as a potential non- lethal control tool for reducing wolf- caused livestock losses in Michigan. | \$3,000 |
| December 2003 | ISLAND PARK, ID (GYE) | Contributed toward project to retire three sheep allotments near Island Park, Idaho. | \$5,000 |
| December 2003 | NORTHERN CONTINENTAL DIVIDE ECOSYSTEM, MT (NCDE) | Education and outreach support for Wind River Bear Institute's "Partners in Life" program. | \$5,000 |
| November 2003 | BABB, MT (NCDE) | Provided electric fencing for beeyards. | \$323 |
| September 2003 | DUPUYER, MT (NCDE) | Provided electric fence for large sheep pasture. | \$2,000 |
| September 2003 | NORTHERN ROCKIES | Produced resources guide explaining how to reduce bear/human conflicts. | \$450 |
| September 2003 | NEAR GRAND TETON NATIONAL PARK (GYE) | Retirement of the Moose Creek sheep allotment, thus making the area secure bear and wolf habitat. | \$2,000 |
| September 2003 | CHOTEAU, MT (NCDE) | Provided a gate for an electric fence enclosure protecting sheep. | \$375 |
| July 2003 | WEKIVA SPRINGS STATE PARK AND ONE FOR SEMINOLE STATE FOREST, FL | Purchased two bear-resistant dumpsters for a state park and forest. | \$2,600 |
| June 2003 | PORT WING, WI | Purchased guardian dog to protect sheep from wolves. | \$300 |
| June 2003 | CHOTEAU, MT (NCDE) | Provided electric fencing for a sheep pasture with chronic bear depredations. | \$4,200 |

| June 2003 | BITTERROOT ECOSYSTEM, MT/ID (BE) | Partnered with other non- governmental organization to purchase 17 bear-resistant dumpsters, 29 garbage can lockers for campsites and two bear-resistant pannier kits for loan to 10 guides and outfitters. | \$5,000 |
|--------------------------|--|---|------------------|
| June 2003 | CHALLIS, ID | Provided materials and labor for electric fencing and purchased hay for alternate grazing in order to prevent depredations by the Buffalo Ridge wolf pack. | \$3,000 |
| May-June 2003 | CHALLIS, ID | Purchased hay to prevent livestock from grazing near the Buffalo Ridge den site. | \$4,420 |
| May 2003 | TAHOE CITY/WEST SHORE, CA | Purchased 130 bear-resistant dumpsters for city project. | \$33,890 |
| May 2003 | LIVINGSTON, MT | Constructed predator resistant fence to protect sheep. | \$3,800 |
| April 2003 | ALBERTA, CANADA | Cooperative agreement with The Alberta Beef Producers and Southern Alberta Conservation Cooperative to assist southern Alberta ranchers with a | \$10,000 |
| | | various non-lethal techniques to reduce wolf predation. | |
| April 2003 | WISCONSIN | various non-lethal techniques to | \$400 |
| April 2003 April 2003 | WISCONSIN BLACKFEET INDIAN RESERVATION, MT (NCDE) | various non-lethal techniques to reduce wolf predation. Purchased two donkeys as guardian animals to provide additional protection for sheep threatened by | \$400 \$6,477 |
| | BLACKFEET INDIAN RESERVATION, MT | various non-lethal techniques to reduce wolf predation. Purchased two donkeys as guardian animals to provide additional protection for sheep threatened by wolves. Purchased eight bear-resistant dumpsters for Glacier National Park's | |

| February 2003 | NORTHERN CONTINENTAL DIVIDE ECOSYSTEM, MT (NCDE) | Commissioned study of attractant sites to identify problem areas and prioritize proactive funds. | \$5,000 |
|---------------|--|--|---------|
| January 2003 | WISCONSIN | Aerial monitoring to determine precise wolf population information about pack size and territory size and range. | \$5,000 |
| January 2003 | GREAT LAKES REGION | Study to test non-lethal control measure for reducing conflict in semi-agricultural landscapes. | \$4,800 |
| December 2002 | OVANDO, MT (NCDE) | Electric fencing of calving ground to prevent grizzly bear depredations and serve as demonstration project. | \$5,202 |
| December 2002 | ARIZONA | Provide herding workshop to train herdsmen to protect sheep from wolves. | \$6,994 |
| November 2002 | DUBOIS, WY | Provided assistance to move cattle to alternative pasture to avoid wolf depredations. | \$1,940 |
| November 2002 | NORTHWEST MONTANA (NCDE) | Funded aversive conditioning of grizzly bears through the use of Karelian bear dogs. | \$5,000 |
| October 2002 | NORTHERN ROCKIES | Purchased materials for an electric night pen. | \$756 |
| October 2002 | NORTHERN ROCKIES | Purchased materials for an electric night pen for sheep. | \$1,254 |
| October 2002 | HAILEY, ID | Purchased seven Great Pyrenees guardian dogs to provide additional protection for sheep threatened by wolves. | \$350 |
| October 2002 | YELLOWSTONE ECOSYSTEM, WY (GYE) | Purchased locking mechanisms for 55 gallon barrels to use as bear-resistant garbage cans for rural residents. | \$435 |

| October 2002 | SONORA, MEXICO | Repaired roads in order to maintain access to ranches involved with the Northern Jaguar Project. | \$815 |
|----------------|---------------------------------------|---|---------|
| September 2002 | SONORA, MEXICO | Designed a livestock watering system to help draw cattle away from jaguars and pumas. | \$295 |
| September 2002 | NORTHERN ROCKIES | Purchased two Radio Automated Guard (RAG) boxes. | \$4,327 |
| September 2002 | SAWTOOTH NATIONAL FOREST | Airplane monitoring of the Wild Horse pack. | \$259 |
| August 2002 | NINE MILE VALLEY, MT | Purchased materials for an electric night pen to protect llamas from wolf predation. | \$880 |
| August 2002 | NINE MILE VALLEY, MT | Purchased materials for an electric night pen to protect llamas from wolf predation. | \$656 |
| August 2002 | SAWTOOTH NATIONAL FOREST | Airplane monitoring of the Wild Horse Wolf pack. | \$479 |
| August 2002 | NINE MILE VALLEY, MT | Purchased materials for an electric night pen to prevent wolf predations. | \$1,441 |
| August 2002 | MONTANA | Provided funding for a variety of proactive projects including fladry, RAG box and wolf monitoring. | \$3,000 |
| August 2002 | NORTHERN WISCONSIN | Purchased wolf enclosures to aid in the relocation of seven wolves (2 adults, 5 pups) onto tribal land. | \$2,620 |
| August 2002 | YELLOWSTONE ECOSYSTEM, WY (GYE) | Purchased 100 fasteners for 55 gallon barrels to use as bear-resistant residential garbage cans. | \$550 |
| August 2002 | IDAHO | Purchased fladry materials to be used in an experimental project testing the use of fladry as a wolf deterrent. | \$2,500 |

| July 2002 | BITTERROOT ECOSYSTEM, MT/ID (BE) | Partnered with other non- governmental organization to purchase 31 bear-resistant dumpsters for campsites. | \$5,000 |
|---------------|--|--|---------|
| July 2002 | LINCOLN COUNTY, MT (CYE) | Provided funding for study to evaluate the effectiveness of bear-resistant dumpsters. | \$500 |
| July 2002 | DUPUYER, MT (NCDE) | Built electric fences around six beeyards that had a history of damage by grizzly bears. | \$3,470 |
| June 2002 | DELL, MT | Purchased a guardian dog to provide additional protection for sheep threatened by wolves. | \$250 |
| May 2002 | WHITEFISH, MT (NCDE) | Bought electric fencing for beeyards in bear habitat. | \$1,243 |
| May 2002 | WAPITI, WY (GYE) | Purchased fencing supplies for rural schoolyard. Seven grizzlies had been removed from the area in 2001. | \$2,447 |
| May 2002 | YELLOWSTONE ECOSYSTEM, WY (GYE) | Purchased 100 locking mechanisms for 55 gallon drums to serve as bear- resistant garbage cans for area residents. | \$542 |
| May 2002 | MONTANA | Purchased four adult livestock guarding dogs to provide additional protection for sheep threatened by wolves. | \$1,800 |
| May 2002 | MONTANA | Purchased one livestock guarding pup to provide additional protection for sheep threatened by wolves. | \$250 |
| May 2002 | WYOMING | Purchased one livestock guarding adult dog to provide additional protection for sheep threatened by wolves. | \$250 |
| February 2002 | GLACIER NATIONAL PARK, MT (NCDE) | Purchased bear-resistant food lockers for front country camp sites. | \$2,500 |

| December 2001 | BLACK FOOT VALLEY, MT (NCDE) | Purchased signs and bear-resistant dumpsters for rural communities. | \$5,000 |
|---------------|--|---|----------|
| December 2001 | DRIGGS, ID (GYE) | Provided incentive to retire 16,370-acre sheep grazing allotment to conserve the area as habitat for grizzly bears. | \$28,000 |
| July 2001 | BLACKFEET RESERVATION, MT (NCDE) | Built an electric fence around a beeyard damaged by a grizzly bear. | \$450 |
| June 2001 | MONTVIEW, ID | Purchased hay to hold cattle off allotment until wolves were hazed out. | \$3,754 |
| June 2001 | CHOTEAU, MT (NCDE) | Bought fence for two priority beeyards in bear habitat. | \$1,436 |
| May 2001 | DUBOIS, WY | Purchased extra hay to keep horses in alternative corral away from Washakie pack habitat. | \$1,500 |
| May 2001 | DUBOIS, WY | Paid for additional hay to keep cow herd in alternative pasture away from the Washakie pack's denning location. | \$3,000 |
| May 2001 | OVANDO, MT (NCDE) | Purchased electric fencing for calving ground. Three bears had been removed from this ranch for livestock depredation. | \$6,727 |
| May 2001 | BLACKFOOT VALLEY, MT (NCDE) | Purchased electric fencing to prevent grizzlies from damaging 12 beeyards. | \$3,973 |
| November 2000 | BLACKFEET RESERVATION, MT (NCDE) | Paid for electric fence to protect a honey warehouse that had been broken into by a grizzly bear. | \$200 |
| August 2000 | PENDROY, MT (NCDE) | Purchased electric fencing to provide a secure night pasture for sheep; five grizzlies had been moved from this site in the last two years. | \$1,498 |

| July 2000 | GOODING, ID | Purchased two livestock guarding dogs after wolves from the Twin Peaks pack killed six sheep. | \$432 |
|------------|--|---|---------|
| July 2000 | GARDINER, MT | Paid for alternate pasture so a local outfitter could graze his horses away from private pasture immediately adjacent to the den site of the Chief Joseph wolf pack. | \$690 |
| June 2000 | CHOTEAU, MT (NCDE) | Purchased electric fencing to provide security for sheep at a site where grizzly bears caused chronic losses. | \$1,034 |
| April 2000 | WEISER, ID | Purchased 12 livestock guarding dogs to test effectiveness of using larger numbers of dogs to protect sheep. | \$2,258 |
| April 2000 | BUCKHORN, NM | Hired herdsman for a 3-month period during calving season to monitor the interaction between wolves and livestock utilizing aversive control techniques when necessary. | \$3,000 |
| March 2000 | CHALLIS, ID | Purchased a second scare device triggered by wolves' radio collars. | \$2,000 |
| July 1999 | CLAYTON, ID | Purchased hay so a livestock producer could feed his livestock on private land instead of grazing on a public allotment near the den site of the White Clouds pack. | \$1,697 |
| July 1999 | EMIGRANT, MT | Purchased alternate grazing so rancher did not graze livestock on his private land where the Sheep Mountain pack had a den site; hired a rider for two weeks to help keep the wolves away from the livestock. | \$1,340 |
| July 1999 | GARDINER, MT | Hired a rider for five days to help protect livestock threatened by the Sheep Mountain pack. | \$500 |
| April 1999 | BLACKFEET RESERVATION, MT (NCDE) | Paid for electric fencing for eight beeyards that had been damaged by grizzly bears. | \$3,219 |

| March 1999 | FLORENCE, MT | Purchased a first-of-its-kind scare device triggered by a signal from a wolf's radio collar. | \$1,904 |
|---------------|-----------------------|---|----------|
| January 1999 | EMIGRANT, MT | Purchased three livestock guarding dogs to provide additional protection for sheep threatened by wolves from the Chief Joseph pack. | \$615 |
| January 1999 | NW MONTANA (NCDE) | Paid for Karelian bear dogs to haze grizzly bears away from houses and humans. | \$12,000 |
| December 1998 | CHOTEAU, MT (NCDE) | Paid for electric fencing to protect four beeyards that had experienced regular conflicts with grizzly bears. | \$1,780 |

^{*}includes project-related expenses and staff support

NCDE - Northern Continental Divide Ecosystem

GYE - Greater Yellowstone Ecosystem

CYE – Cabinet-Yaak Ecosystem

BE – Bitterroot Ecosystem

NCE - North Cascades Ecosystem

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