

Standing Projects:

1. Whiskey Mountain Big Horn Sheep Project. Funding: \$18,000.00 (Carry Over Funds)

Synopsis: Management of coyotes on Whiskey Mountain to enhance Big Horn Sheep lamb survival under a timed and targeted program. Whiskey Mountain Bighorn Sheep have suffered a 40 - 60 % die-off in 1991, and has suffered from extremely low lamb survival since that time. Coyote management will be used as one management component to improve lamb survival and herd viability. Submitted by The Wyoming Chapter of the Foundation for North American Wild Sheep.

2. Cattle Depredation Statistical Survey. Funding: \$8,000.00

Synopsis. The ADMB entered into an agreement with the U.S.D.A. National Agricultural Statistics Service to conduct an annual survey on depredation on cattle. This survey is conducted during the month of January coinciding with established survey of producers. The survey requests information on all depredation and other causes. This survey has only been conducted previously once every five years. Submitted by the WY ADMB.

3. Badger Creek - Hanging Woman Fawn Predation Project. Funding: \$9,120.00

Synopsis: Coyote management to enhance antelope and deer fawn survival. Project include areas of management and control (no predator management) areas to provide comparative results. Management will include timed and targeted predator management in the project area. Project is being conducted in cooperation with the Game & Fish, who will conduct antelope and deer population census and classification. Submitted by: Sheridan County Predatory Animal Board.

4. Black Bear/Mountain Lion/Livestock Depredation Prevention. Funding 25% cost share, \$12,500.00 cap on expenditure.

Synopsis: Funding cost share on a 25:75 match up to a maximum of \$12,500 with the Wyoming Game & Fish Commission and Wildlife Services to alleviate black bear, grizzly bear, mountain lion depredation to livestock, bees and beehives in all counties of the state. Submitted by: Wyoming Game & Fish.

5. Coyote Specific Delivery Mechanism. Funding: 6,936.50

Synopsis: This phase of an on-going coyote management project will investigate the development of a self-activated delivery mechanism for oral baits specifically to coyotes, thereby reducing/eliminating the threat of bait exposure to non-target species. Project is jointly funded by the Texas Sheep and Goat Predator Management Board. Specific testing will be on free-ranging coyotes to test the effectiveness of the target specific delivery system. Submitted by the University of Wyoming.

6. Project Title: DNA analysis for control of predatory wolves. Funding: \$15,115.00

Synopsis: Analysis of DNA isolated from predator saliva, blood, feces and/or hair can be used to identify the species, sex, and/or individual genotype of the predator. Results of this project should allow development of predator sample collection protocols and enhance management strategies. Submitted by: National Wildlife Research Center.

7. Project Title: Fremont County sage grouse/mule deer project. Funding: \$10,000.00

Synopsis: Project has three components: 1) Identification of predators affecting sage grouse nesting sites through the use of motion cameras; 2) measure and document differences in nesting success between areas of predator management and non-managed areas; 3) To enhance a struggling mule deer population to desired population levels. Submitted by: Fremont County Predatory Animal Board.

New Projects:

1. Project Title: Regional Symposia on the use and utilization of Livestock Guarding Dogs. Funding: \$5,000.00

Synopsis: More than 20 years has lapsed since any major effort has been made to promote and educate the use, applicability, benefits and limitations of livestock guarding dogs (LGDs) in the inter-mountain area. The proposal is to initiate, plan, promote and produce a major regional symposium on LGDs, focusing on both historical information, and bringing new information on uses of LGDs to the livestock industry. Submitted by the Wyoming Wool Growers Association.

2. Project Title: Quantification of losses dues to predation on Wyoming sheep operations. Funding: \$42,800.00

Synopsis: Three sheep operations will participate in the following: pregnancy testing of ewes, including number of fetuses will be determined ultrasonically. These sheep will be followed through docking and weaning of lambs, losses to various causes, including predation will be determined. Use of ultrasound technology should provide more definitive assessment of actual loss on Wyoming sheep operations. Colorado State University will participate in the ultrasound procedures. Additional laboratory services will be utilized for blood sample work and necropsy. Submitted by the Wyoming Wool Growers Association.

3. Project Title: Bear Conflict Trap Request. Funding: \$4,000.00

Synopsis: Funding for the purchase of culvert/box traps to be used to manage bear conflicts in the Jackson/Pinedale region and utilized elsewhere statewide when needed. Newer traps are more efficient and safer for operator use. Submitted by the Wyoming Game & Fish.

4. Project Title: North Fork Human/Bear Conflict Resolution. Funding: \$15,000.00

Synopsis: Project seeks to minimize human/bear conflicts, maximize human safety issues, minimize livestock losses, minimize property damage, minimize human interactions with bears and minimize human caused bear mortalities. This is to be done by making methods for proper storage of attractants and garbage available to the North Fork residents, making materials for storage or deterrent of attractants available, and implementing a continuing education and outreach program. Submitted by the Wyoming Game & Fish.

5. Project Title: Upper Green River Food and Waste Storage Project. Funding: \$2,000.00

Synopsis: Funding to provide food and trash storage containers, or modifying existing containers to prevent habituation of grizzly and black bears at rural business locations. Submitted by the Wyoming Game & Fish.

6. Project Title: Absaroka Elk Ecology Project. Funding: \$59,528.50

Radio-telemetry study to determine status of migratory and resident elk and examine elk seasonal movements and habitat use, including elk habitat selection response to wolf pack distribution and movement. Submitted by the Wyoming Game & Fish.