

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP PROGRAM
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

PROJECT INFORMATION

Project Title: Impact of predation on Kofa bighorn sheep

Project No. 07-411

Region/GMU: Region IV

HPC: SW Arizona

Project Type: Population-predator monitoring

Project Description: The bighorn sheep population on the Kofa National Wildlife Refuge has declined by more than 50% since 2000. There is evidence to indicate that lion predation may have played a role in the decline. To determine the impact of predation on bighorn sheep, we propose to place radio collars on 20-30% of the ewes in the Kofa Mountains. With frequent monitoring, we should be able to determine cause of death in most cases and use freshly killed sheep as an aid to snaring offending mountain lions.

Wildlife Species to Benefit: Bighorn Sheep – 100%

Possible Funding Partners:

Implementation Schedule:

Beginning: November 2007

Completed: July 2010

PROJECT FUNDING

SBG Funds Requested: \$ 25140

Cost Share Funds: \$

Total Project Costs: \$ 25140

PARTICIPANT INFORMATION

Applicant: Bob Henry
(please print)

Telephone: 928-341-4048

Address: 9140 E 28th St
Yuma, AZ 85365

AGFD Contact and Phone No.

(If applicant is not AGFD personnel)

Coordinated with: U.S. Fish and Wildlife Service, Kofa NWR

Date:

Applicant's signature:

Robert S. Henry

Date: 2/27/07

SEND COMPLETED APPLICATIONS TO:

Game Branch
2221 W. Greenway Rd.
Phoenix, AZ 85023
mdisney@azgfd.gov

NEED STATEMENT/PROBLEM ANALYSIS:

PROJECT OBJECTIVES:

PROJECT STRATEGIES:

PROJECT LOCATION:

LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

HABITAT DESCRIPTION:

ITEMIZED USE OF FUNDS:

Helicopter Services:

Capture - 1 ship, 4 days, 5 hours per day		
20 hours @ \$697/hr	=	\$13940
Ferry - 4 hours @ \$550/hr	=	\$ 2200

Radio Collars:			
	30 Mod500 VHF collars @ \$300	=	\$ 9,000
	Fixed-wing Telemetry Flights	=	\$

	Total	=	\$25140

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

PROJECT MONITORING PLAN:

PROJECT MAINTENANCE:

PROJECT COMPLETION REPORT TO BE FILED BY:

WATER DEVELOPMENT PROJECTS (see attached worksheet):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):