

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

PROJECT INFORMATION

Project Title: Body condition analysis for Unit 12A in winter 2011		Project No. 10-703
Region/GMU: Region 2, Unit 12A	HPC:	
Project Type: Monitoring		
Project Description: During March or April 2011, 40 mule deer will be captured using Department staff and tested for body condition by vet staff to determine body condition on the Unit 12A west side winter range to determine what body condition is and compare with estimated numbers on the winter range. This is a modification from 2010 in that we do not plan to use a contract vendor to conduct the capture. We believe that we can hold the expenses lower in this manner.		
Wildlife Species to Benefit: Mule deer		
Possible Funding Partners:		
Implementation Schedule: Beginning: March 2011 Completed: May 2011	NEPA Compliance: (if applicable) Completed: Yes ___ No <u>X</u> Projected Completion Date:	

PROJECT FUNDING

SBG Funds Requested: \$28,000	Cost Share Funds: \$7,500 – Primarily capture personnel time and materials
Total Project Costs: \$35,500	

PARTICIPANT INFORMATION

Applicant: Brian Wakeling (please print) Telephone: 623-236-7385	Address: Arizona Game and Fish Department Game Branch 5000 West Carefree Highway Phoenix, AZ 85086
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Region 2, Kaibab Review Team	Date:
Applicant's signature: 	Date: 8-31-10

SEND COMPLETED APPLICATIONS TO:
AZ Game and Fish Department
Attn: Game Branch
5000 W. Carefree Highway
Phoenix, AZ 85086
rgregory@azgfd.gov

WAS PROJECT PRESENTED TO THE LOCAL HPC? YES _____ NO X_____

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?

A similar project was funded last year.

NEED STATEMENT/PROBLEM ANALYSIS:

As part of the proposed monitoring of mule deer on the Kaibab west side winter range, the Department proposes to monitor body condition to correlate with planned population growth of 5–7% per year and habitat monitoring to develop relationships that may be used in future situations to assess mule deer population levels.

PROJECT OBJECTIVES:

Determine body condition of mule deer during March on Unit 12A West winter range.

PROJECT STRATEGIES:

Capture, test, and release live mule deer to determine relative body condition.

PROJECT LOCATION:

Unit 12A West mule deer winter range.

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

USFS Kaibab Ranger District.

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

N/A

HABITAT DESCRIPTION:

Sagebrush, cliffrose, pinyon, and juniper winter range.

ITEMIZED USE OF FUNDS:

Tag funds will be used to pay helicopter expenses for Department personnel to capture 40 mule deer, on which the Department will use ultrasonography to test rump fat.

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Primarily financial cooperation will come from Department funds for equipment, personnel, and vehicle use. Arizona Deer Association and Mule Deer Foundation representatives may participate and assist in operation. USFS biologists may participate as well.

PROJECT MONITORING PLAN:

As part of the proposed hunt guidelines, these data will be monitored along with annual herd composition and habitat measurements and periodic population estimates (to recalibrate population models) and range trend analysis to develop future hunt guidelines.

PROJECT MAINTENANCE:

N/A

PROJECT COMPLETION REPORT TO BE FILED BY:

This will be submitted as part of the annual performance reporting through the game subprogram. Completion will be Regional responsibility.