

# The One-Shot Antelope Hunt Foundation

A TAX EXEMPT ORGANIZATION ESTABLISHED TO HELP PRESERVE OUR WILDLIFE  
IRS # AUS EO 75 1402

Water for Wildlife  
P. O. Box 13

Evans-Dahl Museum  
Lander, Wyo. 82520

June 13, 1987

Mr. Jim DeVos  
Arizona Game & Fish  
2222 W. Greenway Road  
Phoenix, AZ 85023

Dear Mr. DeVos:

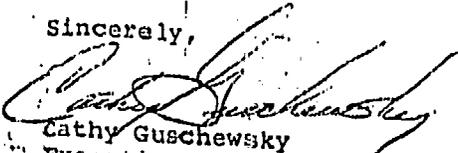
During a meeting on June 12, 1987, the Water for Wildlife Committee, with approval from the Board of Trustees, agreed to fund the research project on the Sonoran Pronghorn Antelope in the amount of \$8,580.00. This proposal was prepared by Mr. Richard Remington of Yuma.

Mr. John Emmerich discussed the method of payment with the Committee members, and it was the consensus of the Committee that the Arizona Game & Fish send a quarterly request for funds (or as the need may be) and a check will be issued for that amount. All requests for funds should be sent to P.O. Box 13, Lander, WY 82520.

On behalf of the Board of Trustees and the Water for Wildlife Committee, the One-Shot Antelope Hunt Foundation is looking forward to funding this program. We appreciate your presenting the proposal and for giving us the opportunity to help preserve wildlife in Arizona.

Should you have any questions, please do not hesitate to contact me.

Sincerely,



Cathy Guschewsky  
Executive Director

cc: Mr. T. V. Jones, President  
Mr. Robert Marcotte, Vice President  
Mr. Richard Remington  
Water for Wildlife Committee (John Emmerich, Ralph Williams, Jack Scarlett, Harry Tipton, and Jim Guschewsky)

Proposal To Study The Endangered Sonoran Pronghorn  
Antelope of Southwest Arizona

Background and Justification

The Sonoran pronghorn antelope once ranged over most of southwestern Arizona and into the southeastern portion of California and were a common member of Arizona's fauna prior to the 20th century. However by the mid 1920's the Sonoran pronghorn antelope population had declined to approximately 100 individuals and had been extirpated from much of its former range in Arizona and Mexico and had been totally extirpated from California. Within more recent years Sonoran antelope numbers had remained stable at approximately 100 individuals within Arizona however their range continues to decline by being absent from the Papago Indian reservation for the past 15 years. Although numbers have numbered as many as 1,000 in the mid 1950's in Mexico it is now estimated below 100 individuals and can be eliminated totally from Mexico in 6 years.

Faced with the realization that less than 200 individuals of this unique endangered subspecies of antelope remain in the world, the Arizona Game and Fish Department in conjunction with the U.S Fish and Wildlife Service, U.S. Air Force Luke Air Force Base, and Shikar Safari, initiated a 30 month study of these antelope and their habitat.

This study was initiated in October of 1983 with the capture and radio collaring of 10 Sonoran pronghorn antelope. During this study instrumented antelope were located bi-monthly. This study has provided the first real definitive data on Sonoran pronghorn antelope movements, habitat selection, mortality, and natality.

Funding for this study ended in September of 1986 and no location flights on instrumented antelope have been conducted since that time. At the conclusion of this study 3 pronghorn had died and one radio collar had failed. Currently six radio instrumented antelope remain on the study area.

Proposal

Within the range of the endangered Sonoran pronghorn antelope six radio collared individuals remain from the past study of this unique antelope. This proposal requests funding to continue aerial telemetry overflights to locate and monitor the existing instrumented antelope. Funding is also requested to recapture these antelope for them to be fitted with new radio telemetry collars. This could enable the Arizona Game and Fish Department to monitor a particular antelope for their life expectancy. Continuation of this study would provide definitive data on movements, habitat selection, mortality and natality over the complete life of a Sonoran pronghorn antelope. Valuable data would be available that would be used to ensure the existence of this antelope and assist in beginning to develop plans for the

recovery of this endangered subspecies.

<u>Project</u>	<u>Budget</u>
Fixed-wing aerial telemetry flights conducted bi-monthly from Sept. 1, 1987 to Oct. 1988	20 flights of 3 hours duration at \$68.00 per hour. total \$4080.00
Recollar of 6 Sonoran pronghorn antelope in Oct. 1987	6 radio collars at \$400.00 each-total of \$2400.00. Approximately 1 hour helicopter time per antelope at \$350.00 per helicopter hour-total of \$2100.00

Personnel cost, travel, etc. of study team members would be borne by the Arizona Game and Fish Department.

Total funding requested - \$8,580.00

Clarification

If this study is approved for funding, it will be necessary to approach the FWS office of Endangered Species to obtain permits for the capture, recollaring and subsequent overflights. This study will require a "no jeopardy" opinion of the FWS to begin. The Arizona Game and Fish Department will prepare documents necessary for endangered species compliance and attempt to solicit all necessary permits if this project is funded. However, a jeopardy opinion from the FWS on the capture and recollaring of these antelope would void the study proposal.

If any further information or assistance is needed please feel free to contact our Regional Game Specialist, Richard Remington, at our Yuma Regional Office.

Sincerely,  
Temple Reynolds, Director



Richard Remington  
Regional Game Specialist  
Region IV - Yuma  
(602) 344-3436

RRR:csr