

Large Mammal Advisory Committee

Approved Project

**QUARTERLY PROGRESS REPORT**

**Project Name: Upper San Joaquin Watershed Herd Delineation and Migratory Behavior and Population Dynamic Telemetry Project**

Quarter: (months/FY) January-April, FY 14/15

**Work Performed in Quarter:**

Monitor for mortality and location on the winter range. Capture and equip deer with radio telemetry.

**Summary of Project to Date**

April 2013

Capture work on the winter range begins late due to delay in funding approval and equipment purchase and delivery. A decision is made to begin captures using VHF transmitters already on hand due to impending migration. Iridium collars arrive and are incorporated into project. Captures continue until migration begins. A total of eight deer are captured and equipped with telemetry on the winter range.

September 2013

Four deer are captured and equipped with telemetry on the summer range.

January 2014-April 2014, thirteen deer are captured and equipped with telemetry on the winter range.

June 2014-August 2014

Fawning habitat assessments were completed.

September 2014

Seven deer captured and equipped with telemetry on the summer range. A mix of VHF, store on board GPS and iridium collars used due to replacement iridium collars not being delivered in time for use on capture.

December 2014-April 2015

Eighteen deer were captured on the winter range. Sixteen does were equipped with iridium collars. A spike buck was equipped with an expanding VHF collar and a buck fawn captured in a Clover trap was ear tagged and released. Total deer captured by end of quarter, 50.

April 2015-June 2015

Currently 24 telemetry equipped deer remain in the project. Monitoring of these animals continues. As mortalities or scheduled drop off occurs, collar retrieval, investigation and mapping of new data takes place.

**Funds Expended:**

	<u>This quarter</u>	<u>Total to date FY 13/14</u>
Personnel:	\$ 5,023.75	\$23,002.96
Operating Expense:	\$ 2,402.29	\$5,814.03
Total:	\$ 7,426.04	\$28,816.99

**July 2015 Forward:**

Continued monitoring of telemetry equipped animals.

Compile data and map home ranges in ArcView for deer with complete data sets.

Monitor migration and prepare for summer range and fawning habitat assessments.

After April 2016 the remaining iridium collars will drop off and be retrieved. After this period sufficient data will be collected to identify winter range, summer range, migration corridors and examine evidence of habitat partitioning or overlap between resident and migratory deer.