



Catalina Bighorn Sheep Reintroduction Project March 31 – April 13, 2014

BRIEFING

The following is a summary of Catalina Bighorn Sheep Reintroduction activities on the Coronado National Forest. This project status update covers the period from March 31 to April 13, 2014. For project background and previously-reported information on project events, please see the earlier project status updates available at www.azgfd.gov/catalinabighorn.

Additional project information can be obtained by visiting the Arizona Game and Fish Department Facebook page at <https://www.facebook.com/azgafd#!/CatalinaBighorns>, the Arizona Game and Fish Department webpage at <http://www.azgfd.gov/catalinabighorn>, the Arizona Desert Bighorn Sheep Society webpage at <http://www.adbss.org> or by visiting the Catalina Bighorn Advisory Committee webpage at <http://www.catalinabighornrestoration.org/>. This update is a public document and information in it can be used for any purpose.

TO SUBSCRIBE

If you would like to receive project updates as they are published please send your email address to jsacco@azgfd.gov.

CURRENT POPULATION STATUS

No mortalities occurred during this reporting period. The original release of 31 sheep consisted of 21 adult females or ewes, three yearling/juvenile ewes, five adult males or rams, and two yearling/juvenile rams. Thirty of the released sheep were outfitted with satellite GPS collars to provide managers with up-to-date information to help make adaptive, data-driven decisions. As of April 13, 2014, 13 of the remaining 14 collared sheep are known to be alive; one of the collars maybe malfunctioning.

To date there have been 16 bighorn sheep mortalities. Fourteen of the sheep were killed by mountain lions, one died as the result of predation by an unidentified cat such as a small mountain lion or a bobcat, and another died from myopathy. To date, three lions associated with bighorn sheep kills have been removed, and the most recent of these lions was believed to have killed multiple sheep.

LAMBS

Biologists observed another newborn lamb on Wednesday, April 2, 2014, bringing the known birth total to five for this season. It is encouraging to see a fifth lamb added to the population with a few more weeks remaining in the peak lambing season. In addition, all known lambs have been recently observed and continue to survive. Because females with new lambs are especially sensitive to disturbance, there are trail restrictions in place inside the Bighorn Sheep Management Area to minimize any negative

impacts from human disturbance on the sheep. Both trailhead notices and volunteers on the trail have been reminding hikers of the potential adverse impacts to the sheep caused by dogs or by people hiking more than 400 feet off-trail within the bighorn sheep recovery area during lambing season. For additional information, please visit the U.S. Forest Service webpage at www.fs.usda.gov/coronado/.

COMMUNICATION AND COORDINATION

The next written briefing will be provided on May 2, 2014.

CONTACT

Mark Hart is the Public Information Officer for this project and can be reached at (520) 628-5376.

RESEARCH PROJECT FIELD NOTES

Research biologists have been compiling location data on all Catalina sheep and constructing databases to house the data. We have also been fine-tuning sampling strategies to take habitat measurements in locations used by sheep and in randomly selected locations across the area occupied by sheep. These data will help to characterize the attributes of vegetation structure, density and composition where sheep are found, and together with variables like topography (e.g., slope and ruggedness) and sheep group composition, will help define what factors place a sheep at risk of mortality. As well, we continue to monitor both individuals and small bands of sheep to observe and document ewes with lambs and observe the changes in group dynamics, sheep movements and behaviors.

MAPS

The following maps depict a sample of bighorn sheep movements prior to this reporting period.

