

Exploratory and Resident Movements of Translocated Rocky Mountain Goats in Oregon

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ABSTRACT: Rocky Mountain goats (*Oreamnos americanus*) are native to the Central Oregon Cascades, and historically existed in small, isolated populations until their extirpation in the early- to mid-nineteenth century. The Oregon Department of Fish and Wildlife (ODFW), in partnership with the Confederated Tribes of the Warm Springs Reservation of Oregon (CTWSRO) began restoration efforts with 3 separate translocation events in 2010, 2012, and 2016. These translocations resulted in a robust goat population. We used movement metrics from animals collared during releases to identify range establishment periods for the population. Results will inform and improve effectiveness of further translocation and genetic supplementation efforts of Rocky Mountain goats in other suitable habitats in the Cascade mountain range of Oregon.

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KEYWORDS: Cascade Mountain range, Confederated Tribes of the Warm Springs Reservation, genetic supplementation, Oregon Department of Fish and Wildlife, Rocky Mountain goats (*Oreamnos americanus*), restoration, translocation.