



## **Rough-Legged Hawk Project Report, 2016**

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In the winter of 2016 we began capture efforts targeting Rough-Legged Hawks in northwestern Wyoming. Banding began 1 January 2016 and continued through 15 February 2016, and then began again 15 November 2016 through 19 December 2016. Capturing involved the use of standard bal-chatri and pan traps baited with mice.

In 2016 we captured three Rough-Legged Hawks, all of which received back-pack transmitters, and blood samples and standard ornithological measurements were taken from these three birds as well. We captured one subadult female, one adult female, and one juvenile male Rough-Legged Hawk. Both the adult female and juvenile male were outfitted with PTT satellite transmitters, and the subadult female was outfitted with an Ecotone GPS/GSM logger.

Transmitters on two of the Rough-Legged Hawks were just recently deployed in the Jackson Hole Valley in December 2016, and the third transmitter was deployed near Big Piney in January 2016. That individual migrated north through Alberta and the Northwest Territories and finally summered in Nunavut before returning south this fall through Manitoba, Saskatchewan and is currently again in Alberta (see Figure 1). The adult female captured in 2016 is currently near Cokeville, WY, and the juvenile male is currently in Rock Springs, WY. We will continue to monitor the movements of these individuals remotely via transmitters.

Figure 1.

