

**FEDERAL AID ANNUAL
RESEARCH PERFORMANCE REPORT**

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF WILDLIFE CONSERVATION
PO Box 115526
Juneau, AK 99811-5526

**Alaska Department of Fish and Game
Wildlife Restoration Grant**

GRANT NUMBER: AKW-4 Wildlife Restoration FY2015

PROJECT NUMBER: 3.50

PROJECT TITLE: Analysis and summary of data from the Fortymile caribou range

PROJECT DURATION: 1 July 2008–30 June 2016

REPORT DUE DATE: 1 September 2015

PARTNER: None

PRINCIPAL INVESTIGATOR: Rodney D. Boertje (retired), ADF&G

COOPERATORS: Jim Herriges (Bureau of Land Management), John Burch (U.S. National Park Service), Layne Adams (U.S. Geological Survey)

WORK LOCATION: Fairbanks

**I. SUMMARY OF WORK COMPLETED THIS SEGMENT ON JOBS IDENTIFIED
IN ANNUAL WORK PLAN**

OBJECTIVE 6: Publish papers on Objectives 2–5.

JOB/ACTIVITY 6A: Literature review.

We continued weekly literature reviews using web-based search engines through ARLIS.

JOB/ACTIVITY 6B: Write reports and publications.

The principal investigator retired in early FY13. He is being contracted to complete work associated with this project. In June 2015, he submitted the following manuscript for publication:

Boertje, R. D., C. L. Gardner, M. M. Ellis, J. A. Gross, and T. W. Bentzen.
Demography of the increasing Fortymile caribou herd, 1990–2013, and results from
wolf control, 1998–2013. Submitted to *Journal of Wildlife Management*.

An earlier version was rejected by the *Wildlife Society Bulletin* in FY15, and was subsequently revised, reformatted, and submitted to JWM.

AKW-4 3.50 Fortymile & Central Arctic Caribou Herd FY2015
Annual Research Performance Report

II. SIGNIFICANT DEVIATIONS AND/OR ADDITIONAL FEDERAL AID-FUNDED WORK NOT DESCRIBED ABOVE THAT WAS ACCOMPLISHED ON THIS PROJECT DURING THIS SEGMENT PERIOD

None.

III. PUBLICATIONS

None.

IV. RECOMMENDATIONS FOR THIS PROJECT

Publication of results from this study will be contracted to retired biologist Rodney D. Boertje in FY16.

PREPARED BY: Scott M. Brainerd, ADF&G

DATE: 19 August 2015