

**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:** W-33

**SEGMENT NUMBER:** 12

**PROJECT NUMBER:** 1.65

**PROJECT TITLE:** Age-specific natural mortality rates of male versus female moose

**PROJECT DURATION:** 1 July 2006–30 June 2015

**REPORT DUE DATE:** 1 September 2014

**PRINCIPAL INVESTIGATOR:** VACANT, ADF&G

**COOPERATORS:** Layne G. Adams (USGS) and Brad Griffith (University of Alaska Fairbanks)

**WORK LOCATION:** Fairbanks

---

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

JOB/ACTIVITY 4: Write reports and publications.

The principal investigator retired in early FY13. He is being contracted to complete work associated with this project. In FY14, he submitted the following manuscript for publication: Boertje, R. D., M. M. Ellis, and K. A. Kellie. (*In review*). Accuracy of moose age determinations from canine and incisor cementum annuli (submitted to *Wildlife Society Bulletin*, June 2014).

**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 FY15.

VACANT

2

Project 1.65, W-33-12

**PREPARED BY:** Scott M. Brainerd, ADF&G

**DATE:** 20 August 2014