

## Wolf Research in Denali



Photo by Fabrice Simon

**Bridget Borg, Wildlife Biologist**  
**Dave Schirokauer, Science Team Leader**

National Park Service Updates  
Alaska Board of Game Meeting  
March 2020, Fairbanks AK



## The beginning of wolf research in Denali



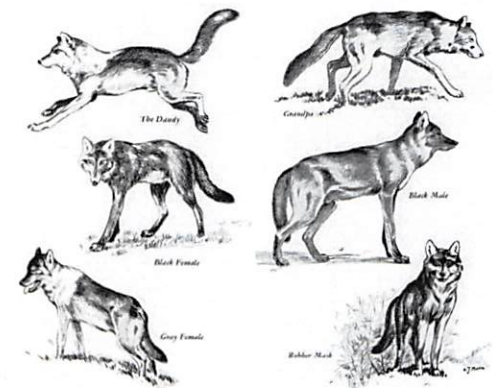
NPS Photo



NPS Photo



NPS Photo



UNITED STATES DEPARTMENT OF THE INTERIOR  
HAROLD L. ICKES, *Secretary*

NATIONAL PARK SERVICE  
NEWTON B. DRURY, *Director*

**FAUNA  
OF THE NATIONAL PARKS  
OF THE  
UNITED STATES**

**THE WOLVES  
OF MOUNT MCKINLEY**

By  
**ADOLPH MURIE**  
*Biologist, Fish and Wildlife Service*

FAUNA SERIES NO. 3 - 1944



**DENALI  
WOLF  
STUDY  
1986-  
Present**



**MONITOR  
POPULATION STATUS  
& TRENDS**

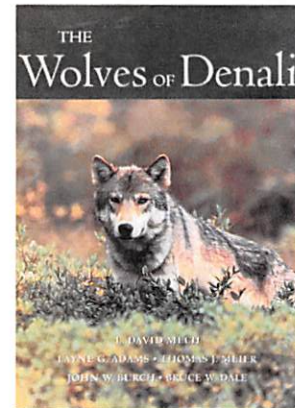
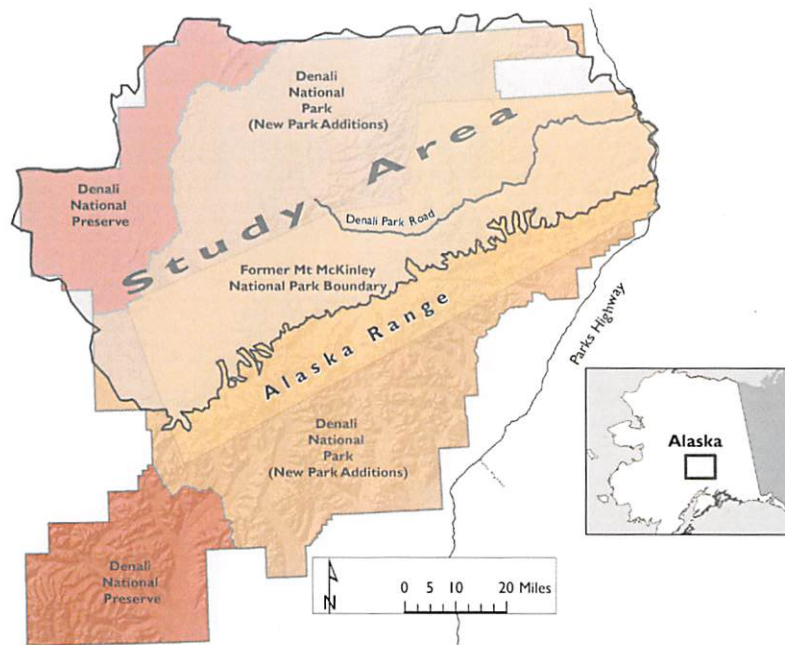


**ESTIMATE  
VITAL RATES**



**RELATE DYNAMICS  
TO PREY  
ABUNDANCE AND  
VULNERABILITY**



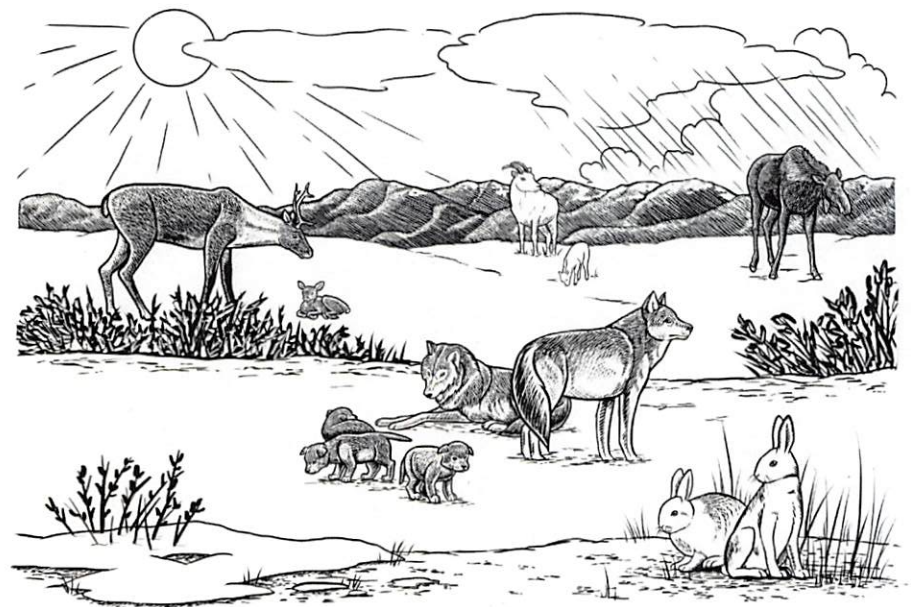
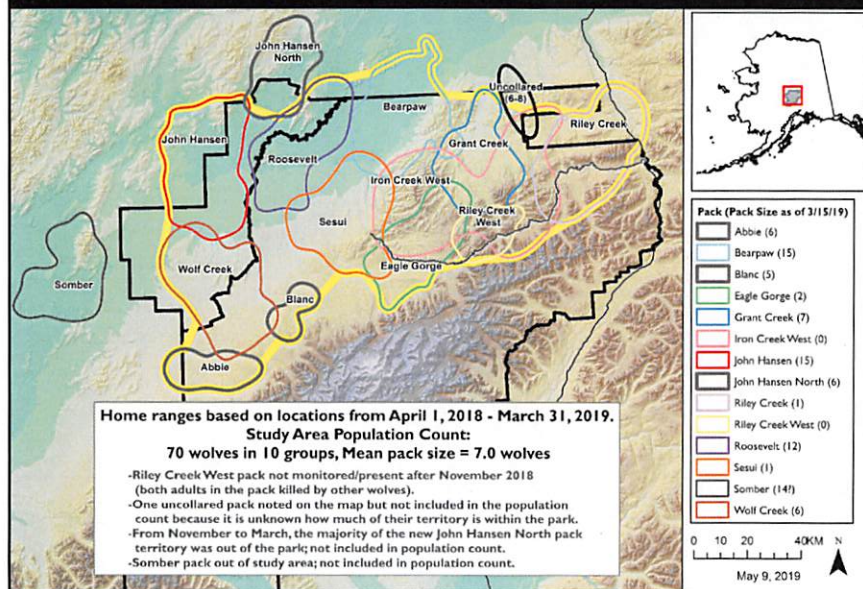


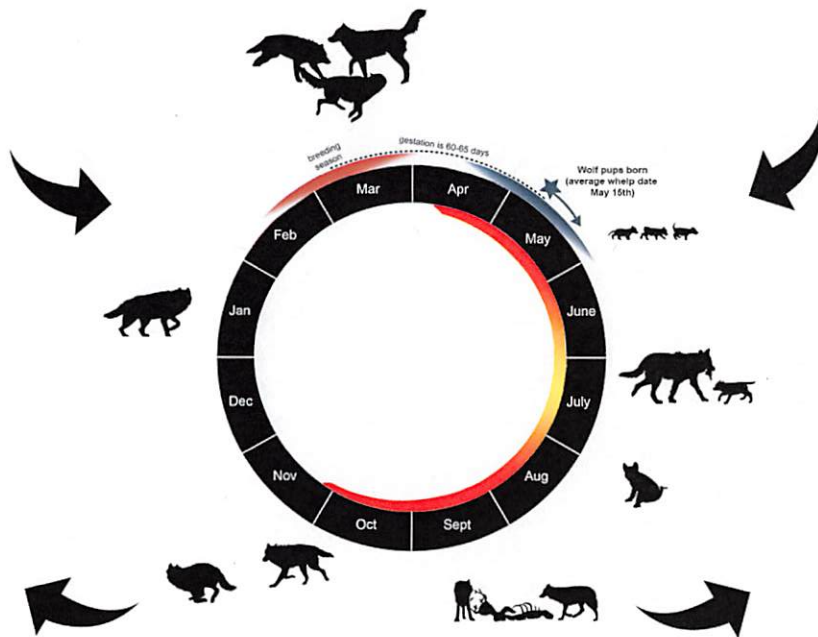
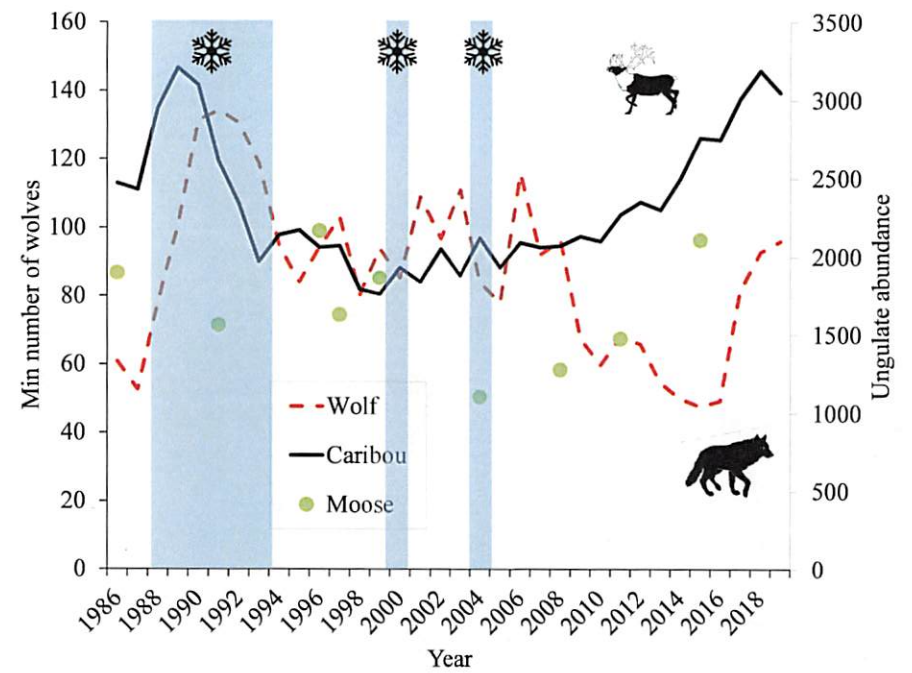
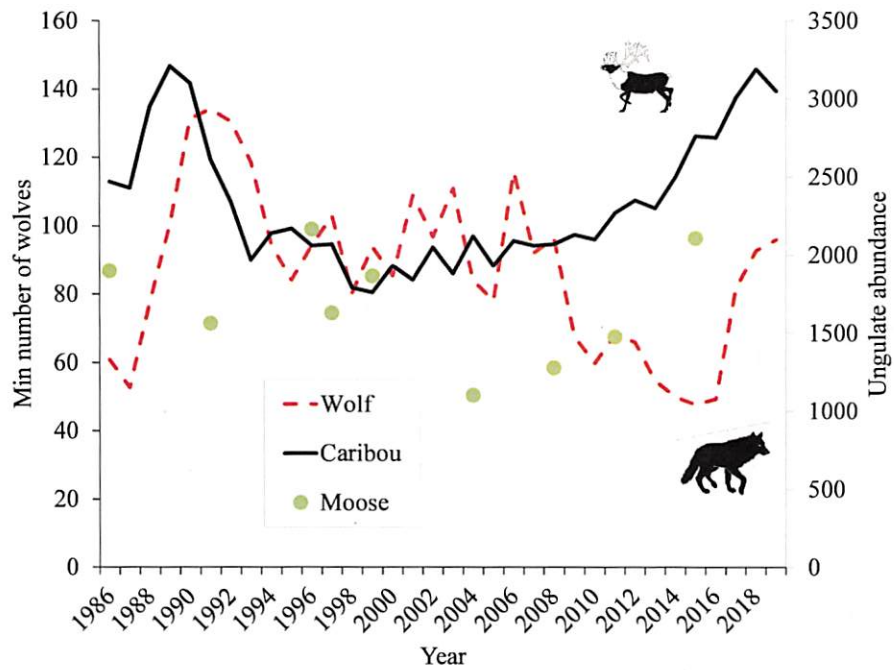
## Current Research Activities

NPS Photos

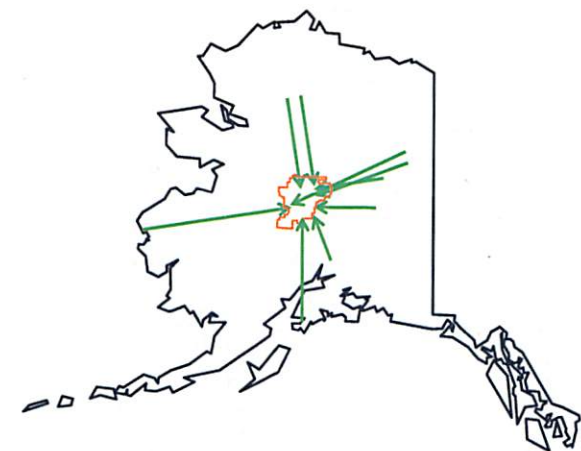
## Spring 2019 Denali Wolf Map

National Park Service  
U. S. Department of the Interior  
Denali National Park and Preserve



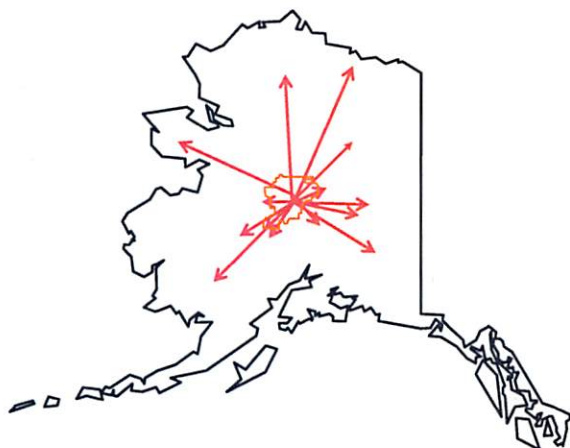


## WOLF IMMIGRATION



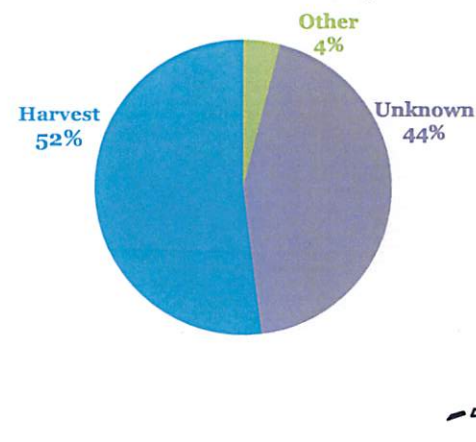


## WOLF DISPERSAL



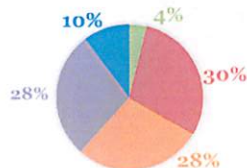
## WOLF DISPERSAL

Ultimate fate of collared dispersers

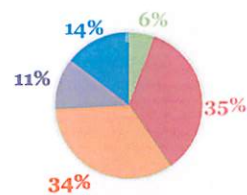


Sources of Mortality for Resident Collared Wolves

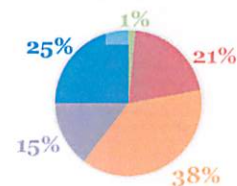
1986-1994



1994-2003



2003-2017



Causes of Mortality

Wolf Killed

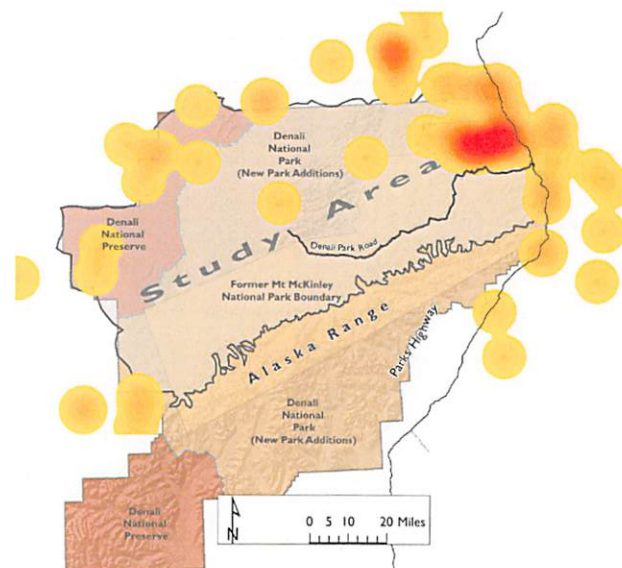
Other Natural

Harvest

Unknown Fate

Capture

Locations of Harvest of Resident Collared Wolves  
1986-2019





NPS Photos



More information about wolves in Denali can be found at:

<https://www.nps.gov/dena/learn/nature/wolves.htm>