

# Jackson Hole Research Station Annual Report

---

Volume 1963 *Report on the Activities of the Jackson  
Hole Biological Research Station - Summer 1963*

Article 7

---

1963

## A Study of Forty Big Game and Livestock Exclosures in Northwestern Wyoming

Webster B. Jones  
*University of Wyoming*

Follow this and additional works at: [http://repository.uwyo.edu/jhrs\\_reports](http://repository.uwyo.edu/jhrs_reports)

---

### Recommended Citation

Jones, Webster B. (1963) "A Study of Forty Big Game and Livestock Exclosures in Northwestern Wyoming," *Jackson Hole Research Station Annual Report*: Vol. 1963, Article 7.  
Available at: [http://repository.uwyo.edu/jhrs\\_reports/vol1963/iss1/7](http://repository.uwyo.edu/jhrs_reports/vol1963/iss1/7)

This Research Project Report is brought to you for free and open access by Wyoming Scholars Repository. It has been accepted for inclusion in Jackson Hole Research Station Annual Report by an authorized administrator of Wyoming Scholars Repository. For more information, please contact [scholcom@uwyo.edu](mailto:scholcom@uwyo.edu).

A Study of Forty Big Game and Livestock  
Enclosures in Northwestern Wyoming  
Webster B. Jones  
University of Wyoming  
Project Number 126

A one year study of forty big game and livestock enclosures on the Bridger, Targhee, Teton and Shoshone National Forests was started in June of 1963. The enclosures involved in the study are listed below.

Greys River Boundary (2)	Crystal Creek (1)
Squaw Flats (2)	Little Bald Ridge (2)
Meadows (2)	Big Creek (1)
Station Creek (2)	Wall Creek (1)
Camp Creek (1)	Boulder Creek (2)
Bryan Flats (1)	Elk Fork (2)
National Elk Refuge (4)	Cougar Creek (1)
Miller Butte (1)	Horse Creek (1)
Goosewing (2)	Pickett Creek (2)
Upper Slide Lake (1)	Alkali Basin (2)
Coalmine Draw (1)	Button Draw (2)

The objectives of the study are:

1. To inventory the enclosures.
2. To compare changes along their fencelines.
  - a. To relate changes to age of the enclosure.
  - b. To relate changes to distribution of livestock and wildlife.

The methods and procedures used are as follows:

1. Inventory will follow the methods used previously at a given enclosure, if practical, in order to get the best readings on trend. However, for speed and ease the University of Wyoming square-foot-ground cover estimates will be used except where Parker-three-step or other point methods will give more easily interpreted data.
2. In so far as possible similar data will be gathered at each enclosure, including frequency, cover and composition both within the enclosures and outside.
3. Composition effects of livestock and wildlife will be intensively studied through comparison of paired enclosures.
4. Previous data will be processed and used for comparison when it is available.

Funds were provided by the Wyoming Natural Resource Board and was supported by the Wyoming Agricultural Experiment Station.