

# Jackson Hole Research Station Annual Report

---

Volume 1972 *Report on the Activities of the Jackson  
Hole Biological Research Station - Summer 1972*

Article 27

---

1972

## Behavior and Population Dynamics of *Eutamias amoenus*

Janice Jannett  
*Syracuse University*

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

---

### Recommended Citation

Jannett, Janice (1972) "Behavior and Population Dynamics of *Eutamias amoenus*," *Jackson Hole Research Station Annual Report*: Vol. 1972, Article 27.  
Available at: [http://repository.uwyo.edu/jhrs\\_reports/vol1972/iss1/27](http://repository.uwyo.edu/jhrs_reports/vol1972/iss1/27)

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).

Behavior and Population Dynamics of *Eutamias amoenus*

Janice Jannett

Department of Forest Zoology

Syracuse University

Project Number 187

Field work began in June with the establishment of two study areas, one of high density and one of low density. Observations were made of daily activity patterns and undisturbed behavior. Grids of approximately ten acres in each of the study areas were staked out to aid in observation of home ranges and for live trapping. Two trapping periods of four and six days were completed in each study area, and another is to be carried out in mid-October. All chipmunks captured were fur clipped and toe clipped and standard measurements were taken. Fewer animals than expected were trapped in the high density area but population estimates fall within previously reported figures.

Seed piles were placed at various sites within both study areas and animals were observed in interactions at the seed piles. An attempt was made to use tracking stations which distinguish animals on the basis of toe clips.

A small sample of chipmunks was collected at a third site and will be held for behavioral observations.

Supported by the New York Zoological Society.