

Behavior and Population Dynamics of Eutamias amoenus

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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.

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