

Competition between *Microtus montanus*
and *Microtus pennsylvanicus*

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Mr. Stoecker's study extended into the Fall months, therefore, we do not have a report available at this time.

In conjunction with Mr. Stoecker's study, Dr. R. C. Farentinos from the Institute for Behavioral Genetics at the University of Colorado, is doing a study on the behavioral components of the competitive interactions between these two species of microtine rodents. An attempt is being made to determine whether or not a biological dominance hierarchy exists between the two species, i.e., which of the two species is the more aggressive under a given set of experimental conditions. A simple apparatus developed at the Institute for Behavioral Genetics for observing aggressive interactions of mice, is being used. Dr. Farentinos spent a short time at the Station setting up this apparatus.

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