

SUMMARY

1. In a study of the distribution of small mammals in three field cover types and a mature forest there were 327 captures in 4210 trap nights. The species captured were Mus musculus, Peromyscus leucopus, Blarina brevicauda, Microtus pennsylvanicus, and Nepaeozapus insianis.
2. Peromyscus leucopus was most abundant in the forest and the first year field. This species was associated with open cover and was seldom captured in the dense cover of the third year field. The non-occurrence of Peromyscus in the sorghum field may have been the result of conflict with the house mice which occupied that habitat.
3. The association of Microtus with dense cover was shown by the occurrence of this species in the third year field during the summer and autumn.