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Allozyme Variation in *Spalax leucodon* Nordmann, 1840 (Rodentia: Spalacidae) in the Area between Ankara and Beyşehir

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Abstract: Eighty-one specimens belonging to 3 populations of *Spalax leucodon* collected in the area between Ankara and Beyşehir were electrophoretically analyzed. Three enzyme systems, isocitrate dehydrogenase (Idh), esterase (Est) and α -glycerophosphate dehydrogenase (α -Gpdh), were screened using horizontal starch gel electrophoresis, and 5 loci were determined. Three loci (Idh-1, Est-1, Est-3) were polymorphic, and 2 (Idh-2, α -Gpdh) were monomorphic. Heterozygosity ranged from 0.1804 (in population A) to 0.2254 (in population K). Genetic divergency in 3 the populations resulted from the locus Idh-1 ($F_{st} = 0.0372$). The mean value of the fixation index in 3 the populations ($F_{st} = 0.0266$) reflected little genetic differentiation. Genetic diversity estimated by Shannon's information index was moderate ($I = 0.3202$).

Key Words: *Spalax leucodon*, Allozyme, Genetic diversity, Turkey

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