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The Taxonomy and Distribution of *Apodemus agrarius* (Pallas, 1771) (Mammalia: Rodentia) in the European Part of Turkey

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Abstract: The morphological and karyological characteristics of 27 specimens of *Apodemus agrarius* (Pallas, 1771) from the European part of Turkey were studied in detail and compared with those in the literature in order to provide a wider perspective on the taxonomic status of *Apodemus agrarius* in Turkey. In all the samples examined, $2n = 48$ karyotype was observed with $FN = 56$ and $FNa = 54$. The $2n = 48$ karyotype includes three pairs of metacentric, one pair of submetacentric and 19 pairs of acrocentric autosomes. Of the sex chromosomes, the X is a large acrocentric and the Y is a small acrocentric. In addition, bacular characteristics, which are very important in the taxonomy of this species, were examined in samples from Turkish Thrace for the first time.

Key Words: *Apodemus agrarius*, Distribution, Taxonomy, Thrace, Turkey

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