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Taxonomic Status and Distribution of *Apodemus mystacinus* (Danford and Alston, 1877) (Mammalia: Rodentia) in Turkey

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Abstract: Morphological, biometrical, karyological, bacular and phallic aspects of *Apodemus mystacinus* populations in Turkey were studied based on 117 specimens. The biometrical and phallic comparisons confirmed the distinctness of *A. m. mystacinus* and *A. m. epimelas*. The UPGMA tree divided populations in Turkey into 2 groups. The distance (D) between *A. m. mystacinus* and *A. m. euxinus* was 0.469. *A. mystacinus* had karyotypic values of $2n = 48$, $NFa = 50$, and $NF = 52$. Being different from *A. m. epimelas*, there was a short groove in the dorsal view of the phallus in populations of *A. m. mystacinus* in Turkey.

Key Words: *Apodemus mystacinus*, Taxonomy, Karyology, Baculum, Phallus, Turkey

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