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A Preliminary Survey of *Testudo graeca* Linnaeus 1758 Specimens from Central Anatolia,  
Turkey

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**Abstract:** Sixteen specimens of *Testudo graeca* Linnaeus 1758 from 2 adjacent localities (Meke and Acıgöl) in Central Anatolia were measured. Morphological characters standardised for straight carapace length (SCL) were compared with original raw values from *Testudo* populations from Aegean and south-eastern Turkey. The post-ANOVA pairwise analysis (Tukey's) across all groups verified sexual dimorphism in the Central Anatolian populations in terms of anal suture length ( $P < 0.05$ ) and plastron width 2 ( $P < 0.05$ ). Discriminant analysis based on standardised values provided 89.3% and 92.6% correct classification among males and females, respectively. The difference was clearer between the Aegean and Central Anatolian populations, with a more domed carapace (CH) in the males and shorter plastron length (PL) and plastron width 2 (PW2) in the females of the Aegean population in comparison with the Central Anatolian population.

**Key Words:** Testudines, Testudinidae, *Testudo graeca*, tortoise, Central Anatolia, Turkey

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