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Erythrocyte Measurements of some Scincids from Turkey

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Abstract: The aim of this study was to determine the erythrocyte and nucleus sizes of some scincids (Ablepharus chernovi, Chalcides ocellatus, Eumeces schneideri, Mabuya aurata, Mabuya vittata, and Ophiomorus punctatissimus) from Turkey by means of blood smears stained with Wright's stain. The largest erythrocytes were observed in the smears of E. schneideri, and the smallest in M. vittata, while the largest nuclei were observed in E. schneideri and the smallest were in M. aurata. In terms of the studied species, the nucleus and erythrocyte sizes were found to be correlated ($r= 0.302$, $P< 0.01$).

Key Words: Scincidae, Blood smears, Erythrocyte - nucleus sizes, Wright's stain.

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