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Cytogenetic analysis of *Pseudophoxinus antalyae*, Bogustkaya, 1992 (Pisces: Cyprinidae) from the Eastern Mediterranean River Basin, Turkey

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Abstract: The karyotype of *Pseudophoxinus antalyae* was analyzed using G-banding, C-banding, Ag-NOR staining, and Q-banding. Chromosome analysis of this species, which lives in the Berdan River and Berdan Dam Lake, was performed with the air-drying technique, using gill and fin epithelium cells. The diploid chromosome number of *P. antalyae* was determined to be $2n = 50$, comprising 16 metacentric, 14 submetacentric, 12 subtelocentric, and 8 acrocentric (NF = 92) chromosomes. The largest chromosome pair of the complements was characteristically a submetacentric. The nucleolar organizer regions (NORs) were apparently located in subtelocentric chromosome pairs. The karyotype of *P. antalyae* is reported for the first time.

Key words: *Pseudophoxinus antalyae*, karyotype, banding, Turkey

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