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Karyotypes of Cyprinid Fish *Capoeta trutta* and *Capoeta capoeta umbla* (Cyprinidae) From the Tigris River

Neval KILIÇ DEMİROK, Erhan ÜNLÜ

Department of Biology, Faculty of Science, Dicle University, Diyarbakır - TURKEY

Abstract: Chromosome numbers and karyotypes of Cyprinid fish *Capoeta trutta* and *Capoeta capoeta umbla* (Cyprinidae) in the Tigris River were determined by the use of chromosome preparation techniques from uncultured kidney. The diploid chromosome number in *C. trutta* was found to be $2n = 150$, with 35 pairs of meta-submetacentric chromosomes, 40 pairs of subtelo-acrocentric chromosomes and the chromosome arms number (NF) was 220. Chromosomal studies on the *C. c. umbla* revealed the diploid chromosome number to be $2n = 150$, with 43 pairs of meta-submetacentric chromosomes, 32 pairs of subtelo-acrocentric chromosomes with NF = 236. Sex chromosomes were not determined in the studied species.

Key Words: *Capoeta trutta*, *Capoeta capoeta umbla*, Chromosome, Karyology, Tigris River.

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[Authors](#)



zool@tubitak.gov.tr

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