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Some Reproduction Characteristics of *Chalcalburnus mossulensis* (Heckel, 1843) Inhabiting the Karasu River (Erzurum, Turkey)

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Abstract: Some reproduction characteristics of *Chalcalburnus mossulensis* from the Aşkale region of the Karasu River, including sex ratio, spawning season, first maturity, and fecundity, were investigated between November 1995 and October 1997. The male to female ratio was 1:1.08, which was not significantly different from 1:1. Fecundity ranged from 3012 to 11,417 ova per female. There were significant correlations between fecundity, and fork length, total weight, age, and gonad weight. The length and age at first maturity for the males and females were 1.26 years and 9.24 cm, and 1.81 years and 9.65 cm, respectively. The spawning period was from June to August, when the water temperature reached 15 °C.

Key Words: *Chalcalburnus mossulensis*, fecundity, maturity, spawning season, Karasu River

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