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Reproductive Characteristics of Pikeperch (*Stizostedion lucioperca* (L., 1758)) in Eğirdir Lake

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Abstract: The reproductive characteristics of the pike perch (*Stizostedion lucioperca* (L., 1758)) population of Eğirdir Lake were examined. Age group I and II were the largest population groups. Sexual maturity in both sexes was determined in age group I-II. Length in sexual maturity for both sexes was very similar. The spawning period takes place from April to June. Mean egg diameters varied from 0.70 to 0.80 mm. Mean individual fecundity varied from 14066 to 123624. The relationships between fecundity (F) - length (LF), weight (W) and gonad weight (GW) were estimated to be $\log F = -1,71813 + 3,55826 \log LF$, $\log F = 1,89837 + 1,10240 \log W$ and $\log F = 3,64937 + 0,83832 \log GW$.

Key Words: Eğirdir Lake, *Stizostedion lucioperca*, Reproductive Characteristics

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