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Maturity and Fecundity of Spiny Dogfish (*Squalus acanthias* L., 1758) in the Eastern Black Sea

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**Abstract:** The maturity and fecundity of *Squalus acanthias* spiny dogfish sampled from the south-eastern Black Sea were studied. Age and length at 50% maturity were 10.49 years and 87.57 cm for males, and 11.99 years and 102.97 cm for females, respectively. Mean biennial fecundity was 19.4 eggs and 12.9 pups. A linear relationship between fecundities and length was found:  $F_e = 0.09 \times TLp + 2.12$  ( $r = 0.5$ ) for pups and  $F_o = 0.27 \times TLp - 21.59$  ( $r = 0.7$ ) for eggs.

**Key Words:** Maturity, fecundity, *Squalus acanthias*; south-eastern Black Sea

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