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Age Determination Methods of *Solea lascaris* (Risso, 1810) Inhabiting the Black Sea

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Abstract: This study was conducted to determine the most reliable bony structures for ageing *Solea lascaris* inhabiting the Black Sea. The relations between four different bony structures are presented in tables and figures by scale, vertebra, otolith and broken burnt-otolith ages of 215 samples collected between October 1996 and October 1997. It is concluded the broken-burnt otolith is the most reliable structure for ageing this species. The Von Bertalanffy growth equation was estimated from the broken-burnt otolith age as $L_t=24.85 \times [1-e^{-0.113(t+3.87)}]$.

Key Words: *Solea lascaris*, Age Determination, Black Sea

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