

Biologia del coregone del Lago di Bolsena (Osteichthyes, Salmonidae). II. Osservazione sulla maturazione delle gonadi e sulla morfologia delle scaglie.*

The biology of whitefish living in Bolsena Lake (Osteichthyes, Salmonidae). II. Gonads maturation and scales morphology.*

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Summary: *Some aspects of reproduction and growth of the whitefish Coregonus lavaretus were examined. Morphological changes in testis and ovaries monitored over a period of one year showed that mature eggs and sperm were produced in the period December-January. The spermatozoon of C. lavaretus has no acrosome and a tail with "9+2" axonemal model. Mature eggs have a three-layered eggshell consisting of a vitelline envelope, a secondary chorion and a tertiary external covering. In addition, seasonal changes in the gonad somatic index (G.S.I.), morphology and scale growth, including annulus development, were considered. The results were compared with those of other populations of C. lavaretus living in other Italian lakes. †*