



LENGTH – WEIGHT RELATIONSHIP AND RELATIVE CONDITION FACTOR IN *NOEMACHEILUS BOTIA* (HAM)

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Received: 7.5.2015

Accepted: 12.10.2015

ABSTRACT

The paper deals with the length – weight relationship and condition factor in *Noemacheilus botia* (Ham), collected from Khoh river in a stretch between Dogadda and Kotdwar. The study indicated that there was a close relationship between length and weight. The annual average values of regression coefficient 'b' were below cube for both males and females 1.14 for males ($r = 0.970$) and 1.10 for females ($r = 0.980$) as well as 1.12 ($r = 0.980$) for pool data. Regression coefficient was not found close to the cube of length with few exceptions. The condition factor in this particular fish fluctuates more with gonadal maturation than the feeding.

KEYWORDS: Length – weight relationship, Relative Condition Factor (K_n), *N. botia*.

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