STUDIES ON RELATIVE ENERGY BUDGET IN DIFFERENT WEIGHT GROUPS IN MYSTUS CAVASIUS (HAM.)

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Abstract

Studies on relative energy budget in different weight groups in a fresh water siluroid fish, Mystus cavasius (Ham.) has been made at water temperature 30.0±1.0°C. The total energy available in feed (C)/day/fish ranged from 2192.4 Joules (in 12.2g fish) to a value of 26989.2J (in 102.0g fish). The percent energy value ranged from 12.3-13.6, 7 (fixed), 35.2-36.8, 36.0-43.3 and 0.6-8.2% respectively in faeces (F), Urine formation (U), growth (P), respiratory metabolism (R) and miscellaneous activities (M.A.). The details have been discussed in this paper.

Key Words

Relative energy budget, Body weight, Fish.

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