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CHANGES IN BIOCHEMICAL COMPOSITION OF MUSCLES OF EXPERIMENTAL FISH ROHU AT DIFFERENT AGE GROUPS

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ABSTRACT: In the present study fishes of different age groups were collected and the observations were recorded in *Labeo rohita* (Ham) Rohu and their age was of six, eighteen, thirty six and sixty months. Various biochemical components of muscles i.e. moisture, fat, protein, amino acids (lysine and tryptophan), carbohydrate, total ash and cholesterol content were analysed. The value of moisture content and protein was increasing with age. Maximum moisture content was 78.8%, fat 2.89, protein 17.49%, Maximum average content is observed in lysine 517.5 mg/N and minimum in tryptophan 62.2 mg/N.

Key Words : Rohu fish, Biochemical composition of muscles.