

EFFECT OF L-THYROXINE AND THIOURACIL ON GROWTH IN HETEROPNEUSTES FOSSILIS (BLOCH)

<http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2020/12/21-dec-2020.pdf>

December 22, 2020 · Volume 19 - Issue 2

manoj kumar singh¹

¹ P.G. Department of Zoology, Magadh University, Bodh Gaya

singh mk. EFFECT OF L-THYROXINE AND THIOURACIL ON GROWTH IN HETEROPNEUSTES FOSSILIS (BLOCH):

<http://anveshika.org/proceedings-of-the-zoological-society-of-india/wp-content/uploads/sites/2/2020/12/21-dec-2020.pdf>.

Proceedings of the Zoological Society of India. 2020 Dec 22 [last modified: 2020 Dec 22]. Edition 1.

Abstract

In the present work an attempts has been made to study the effect of L-thyroxine (T4) and Thiouracil (Tu) on somatic (S.G.R.) and linear growth rate (L.G.R.) in an air breathing freshwater siluroid fish, Heteropneustes fossils (Bloch). The treatment of L-thyroxine (at physiological dose) brought about significant increase both in somatic growth rate as well as linear growth rate while the effect of thiouracil was contrary to this. The details have been discussed in this paper.

Key Words

Thyroid hormone, growth, fish.

DOWNLOAD FULL PDF