



**HISTOPATHOLOGICAL DAMAGE BY TAPEWORM LYTOCESTUS  
SPECIES IN THE INTESTINE OF CLARIAS BATRACHUS (LINNAEUS,  
1758) FROM JALGAON DISTRICT (M.S.) INDIA**



**SUSHIL JAWALE**

Assistant Professor, Dept. of Zoology,  
Sant Dnyaneshwar Mahavidyalaya, Soegaon,  
Dist. Aurangabad MS India  
[sukalp.sush@gmail.com](mailto:sukalp.sush@gmail.com)

**ABSTRACT**

The freshwater fish *Clarias batrachus* (Linnaeus, 1758) collected from Jalgaon district during the period of June 2018 and after dissection their intestinal passage was examined for tapeworm parasites. The tapeworm, *Lytocestus sp.* Cohn, 1908 was recovered from intestine *Clarias batrachus*. The histopathological studies were carried out and observations clearly show that the parasites, *Lytocestus sp.* attached to the intestine of host *Clarias batrachus*. In T.S.

of intestine of *Clarias batrachus* it has been observed that the cestode attached to the intestinal layers and slowly damaged the host's intestinal villi, invaded deep and sucking the content in the region of villi. The histopathological studies of tapeworm *Lytocestus sp.* have been studied to find the pathological changes and extent of damage of the intestinal layers of *Clarias batrachus*.

**KEYWORDS**

*Clarias batrachus*, Histopathology, Intestinal villi, Jalgaon, *Lytocestus sp.*