

## ABSTRACT

### **GUT CONTENT AND GROWTH ANALYSIS OF TEMBAKANG (*Helostoma temminckii*) IN RAWA BAWANG LATAK, TULANG BAWANG REGENCY, LAMPUNG**

Supra Jaya Perdana<sup>1</sup> Rara Diantari<sup>1</sup> Limin Santoso<sup>2</sup>

Rawa Bawang Latak is a part of Tulang Bawang drainage basin which has high diversity of fish species. One of the fish species is Tembakang (*Helostoma temminckii*). The fish population was gradually decreased due to exploitation by cathcing. Domestication is needed to keep the population stable. The purpose of this study was to find out the information about the growth and eating habit (gut content analysis) toward Tembakang in Rawa Bawang Latak. The research was conducted by taking 100 fishes every month for four months (October 2013 – January 2014). The result of the study showed that Tembakang has positive allometrics pattern in October, November and January. While in December it has negative allometrics pattern. Tembakang is plankton feeder. The type of plankton which often found in its gut is *Haematococcus sp.*

Key words : Tembakang, Gut analysis, Growth, Pattern, Plankton.