

**ISOLATION And IDENTIFICATION Of *Edwardsiella tarda* BACTERIA IN  
*Clarias Gariepinus* PLACE REGION JOMBANG**

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**ABSTRACT**

This descriptive research was conducted on September 21<sup>th</sup> until November 3<sup>th</sup> 2016. Sampling has taken from two ponds that location in Kecamatan Diwek, Kabupaten Jombang. The aims of this research are isolation and identification of *Edwardsiella tarda* bacterium on the sick *Clarias gariepinus* in Kecamatan Diwek, Kabupaten Jombang. A total 15 *Clarias gariepinus* were collected by purposif random sampling. *Edwardsiella tarda* was detected by swab the kidney, then streaked on Xylose Lysine Deoxycholate, then continued with Gram stain, Triple Sugar Iron Agar, Catalase test, Oxidase test, Simmon's Citrate Agar and Motility Indole Ornithine. The collected data which presented in descriptive from were calculated the precentage of infected *Clarias gariepinus* by *Edwardsiella tarda*. The result of this research were obtained that 4 sample infected by *Edwardsiella tarda* from 15 samples and 26,6% positive percentage which is infected.

Keywords: *Edwardsiella tarda* bacteria, *Clarias gariepinus*