



De La Salle University - Dasmariñas  
COLLEGE OF SCIENCE AND COMPUTER STUDIES



**DETECTION OF ECTOPARASITE AND ENDOPARASITE IN**  
*Caranx ignobilis* (MALIPUTO FISH) IN TAAL LAKE, AGONCILLO,  
**BATANGAS CITY, PHILIPPINES**

A Research Presented to the  
Biological Sciences Department  
College of Science and Computer Studies  
De La Salle University-Dasmariñas  
City of Dasmariñas, Cavite

In Partial Fulfilment of the Requirements for the Degree  
Bachelor of Science in Biology Major in Human Biology

**JOANNA CARLA H. ALEGRE**

**LEMUEL B. DELA CRUZ**

April 2016



### ABSTRACT

*Caranx ignobilis* is endemic to Taal Lake in Batangas City. It is known to be one of the most preferred viand to the Filipinos because it is consumed as food and specialty of restaurants within the area. This research detected the presence of endoparasite in 20 *Caranx ignobilis*, There were two time collection with ten fishes per collection in the month of April and October. The method used was to detect the presence of ectoparasite and endoparsite, there were no detected ectoparasites and 30% was infected with endoparasites. There were no ectoparasites detected but suggested parasitism characterized by body surface deformity, skin discoloration, skin lesion, missing scale, and destructed fin. The endoparasites detected were Anisakidae, *Trichuris trichuria* and *Diphyllobotrium latum*. This study showed that there were endoparasites present in the *Caranx ignobilis*.

*Keywords: Caranx ignobilis is a freshwater fish from Taal Lake.*