

**TAXONOMIC REGISTRY OF FRESHWATER FISHES IN  
AURORA, ISABELA PHILIPPINES**

**JONALYN BUGAN TABING**

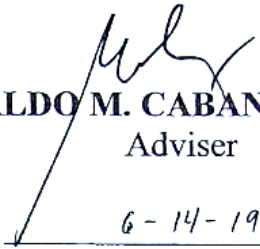
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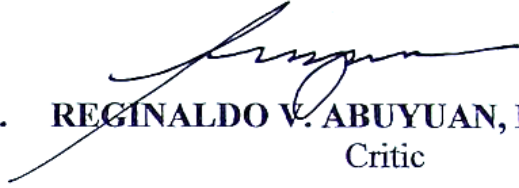
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**ACCEPTANCE SHEET**

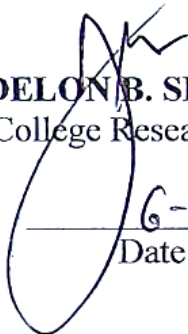
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## **BIOGRAPHICAL SKETCH**

The author, Jonalyn B. Tabing, was born on January 21, 1991 in Cabanatuan City, Nueva Ecija. At present, she is currently residing at San Jose, Nueva Ecija. She was the fifth child of Leonila Bugan Tabing and Josefino Blanco Tabing.

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## ABSTRACT

**TABING, JONALYN B.**, College of Veterinary Science and Medicine, Central Luzon State University, Science City of Muñoz, Nueva Ecija, Philippines, **June 2019**, **TAXONOMIC REGISTRY OF FRESHWATER FISHES IN AURORA, ISABELA, PHILIPPINES.**

Adviser: ESMERALDO M. CABANA, DVSM, MVSt, PhD

Taxonomic study was conducted to assess the variety and identity species of commercial capture of freshwater fishes in Aurora, Isabela within August, 2017 to February, 2018. Different commercial freshwater finfish products were harvested in different fishing grounds including fishing landing sites, direct from fishermen, vendors on municipal market and barangay based vendors. Fish samples were dead upon purchasing, specimen were initially classified as to phenotypes. All fish specimen upon collection were properly placed and stored for transport. All fishes were technically photographed; reference plate were also included in each photograph. As for morphological identification, all were initially classified and taxonomically identified to family and genus level based from Fish Base ([www.fishbase.org](http://www.fishbase.org)) (Froese and Pauly 2015) and “Fishes of the Philippines, Guide to Species” (Broad, 2003).

A total of thirteen (13) fish species were found in fresh waters belonging to eleven (11) families. The family having the most number of species collected was Cyprinidae with three species followed by Hemiramphidae, Terapontidae, Locicariidae, Aaridae, Channidae, Clariidae, Cichlidae, Gobiidae, Anguilidae and Mugilidae which were represented by one species each.

The produced data and information from accurate species identification and classification of capture freshwater finfish resources in Aurora, Isabela were expected to completely contribute to the species database for taxonomy, aquaculture, conservation, and ecological valuation.

Keywords: Freshwater fishes; Taxonomic identities; Aurora, Isabela

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