

**TAXONOMIC REGISTRY OF FRESHWATER FISHES
IN CENTRAL NUEVA ECIJA, PHILIPPINES**

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Undergraduate Thesis Submitted to the Faculty of the College of Veterinary Science
and Medicine, Central Luzon State University, Science City of Muñoz,
Nueva Ecija, Philippines in Partial Fulfillment of the
Requirements for the Degree

DOCTOR OF VETERINARY MEDICINE


JUNE 2019

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Reyes attended preschool and first grade at De La Salle Santiago-Zobel and then, attended second grade at Saint Paul College Pasig. She then transferred and spent the remainder of grade school and high school at Saint Pedro Poveda College. During this time, she was part of the Mathematics Teachers Association of the Philippines, Inc. (MTAP) program, and took advanced placement programs in world history and chemistry.

For her undergraduate education, Reyes graduated from Central Luzon State University with a bachelor's degree in animal husbandry in the year 2017. During this time, she received a University and College Scholar awards as well as a Dean's List. She also served as the editorial writer for the official publication of the college. Currently, Reyes is completing her last year in her professional doctorate degree in veterinary medicine at the College of Veterinary Science and Medicine of the aforementioned university.

ACKNOWLEDGMENT

The completion of this study could not have been possible without the participation of certain individuals, whose contribution and support are sincerely appreciated and gratefully acknowledged.

To my thesis advisor, Dr. Esmeraldo M. Cabana, DVSM, MVSt, PhD, for being a mentor and forefront of this study.

To my father, Raymund A. Reyes, and to my mother, Criselda D. Reyes, for their support and ensuring the completion of this study.

To those, who assisted me in this study, Sir Leandro L. Lim and Mary Jean L. Tabin, for their inexhaustible and dynamic support and assistance to ensure the completion of this study, which deserve deep appreciation and indebtedness.

To Dr. Reginaldo V. Abuyuan, DVSM, MVSt for his support of this study.

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ABSTRACT

REYES, BIANCA MARGUEITE D., Department of Animal Management, 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 CENTRAL NUEVA ECIJA, PHILIPPINES**

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The study was conducted to provide a taxonomic catalog that focuses on the species of freshwater fishes found in the provinces of Science City of Muñoz and San Jose City. A total of ten (10) species belonging to seven families were found in the fresh waters, public markets, and aquacultural zones of these cities. The families having the most number of species were the Clariidae, Gobidae, and Osphronemidae with two species. This is followed by Cichlidae, Terapontidae, Cyprinidae, and Channidae, which are represented by only one species each.

It was determined by the researcher that all fish species under study can be harvested all year round. Moreover, the spawning time of the Nile tilapia (*Oreochromis niloticus*) is at 3 to 4 months regardless if in captivity or not. On the other hand, the striped snakehead (*Channa striata*), North African and bighead catfishes (*Clarias gariepinus* and *Clarias macrocephalus*, respectively), and common carp (*Cyprinus carpio*) require induced spawning when in captivity. In the aquacultural zones of Bureau of Fisheries and Aquatic Resources (BFAR), the pituitary glands of male catfishes are diluted and injected into female catfishes to induce spawning.

Keywords: Freshwater fishes; Taxonomic identities, Central Nueva Ecija

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