

**HELMINTH PARASITES OF CLIENT-OWNED CATS IN CITIES OF
NUEVA ECIJA**

LUCKY MAY CALVELO UDARBE

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ACCEPTANCE SHEET

This undergraduate thesis entitled "**HELMINTH PARASITES OF CLIENT-OWNED CATS IN CITIES OF NUEVA ECIJA,**" prepared and submitted by **LUCKY MAY C. UDARBE**, in partial fulfillment of the requirements for the degree of **DOCTOR OF VETERINARY SCIENCE AND MEDICINE**, is hereby accepted:


VIRGINIA M. VENTURINA, DVSM, Ph.D.
Adviser

6-18-19

Date Signed


NEST DALE F. BARTOLOME, DVM
Critic

6-18-19

Date Signed

Accepted as partial fulfillment of the requirements for the degree of **DOCTOR OF VETERINARY SCIENCE AND MEDICINE**:


FREDELON B. SISON, DVM, MVPH
Chair, Department of Pathobiology

6-18-19
Date Signed


FREDELON B. SISON, DVM, MVPH
College Research Coordinator

6-18-19
Date Signed


VIRGINIA M. VENTURINA, DVSM, Ph.D.
Dean, College of Veterinary Science and Medicine

6-18-19

Date Signed

BIOGRAPHICAL SKETCH

The author, Lucky May C. Udarbe, was born on May 12, 1995 in San Luis, Aurora. At present, she is currently residing at Purok Waing, Brgy. Bical, Science City of Muñoz, Nueva Ecija. She was the youngest and sixth child of Armando B. Udarbe and Elsie C. Udarbe.

She took her primary education at F.A Reyes Memorial Elementary School (A.Y: 2008-2009) where she was given a leadership award and declared as the class first honorable mention; secondary education at Muñoz National High School (A.Y: 2011-2012); and tertiary education at Central Luzon State University (A.Y: 2012-2017) under the Bachelor of Science in Animal Husbandry where she was a dean's lister (A.Y: 2012-2013, 1st semester). Aside from academics, she was also involved in extra-curricular activities. She was a member of a college-based organization (Rodeo Club Philippines), a non-college based organization (Ranchers' Club Philippines) and the CLSU Rodeo team (CLSU Bulls) wherein she became a co-captain twice.

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ABSTRACT

LUCKY MAY C. UDARBE., College of Veterinary Science and Medicine, Central Luzon State University, Science City of Muñoz, Nueva Ecija, Philippines, **June 2019.** **HELMINTH PARASITES OF CLIENT-OWNED CATS IN CITIES OF NUEVA ECIJA**

Adviser: VIRGININA M. VENTURINA, DVSM, Ph.D.

The study aimed to identify the helminths present in client-owned cats in three selected cities of Nueva Ecija and determine the positivity rate of each gastrointestinal helminth identified.

Fecalysis and blood testing were performed in ninety (90) client-owned cats from cities of Muñoz, San Jose and Cabanatuan. Standard fecal flotation technique and sedimentation were done to demonstrate different helminth parasites. The over-all positivity rate of helminth parasite and positivity rate of each species were analyzed.

Results showed only two helminth species present in the three cities. Five out of 90 of the examined cats were found positive with gastrointestinal helminth species with an over-all positivity rate of 16.65%. *Ancylostoma sp.* was the most common helminth species with 9.99% positivity rate while *Toxocara cati* has 6.66% positivity rate. The results also showed a 0% positivity rate with *Dirofilaria immitis* among the three cities.

Keywords: *Ancylostoma sp.*, *Toxocara cati*, Positivity Rate

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