

**PROFILE OF PARASITIC FAUNA AMONG
LIVESTOCKS SLAUGHTERED AT THE
TAGBILARAN CITY ABATTOIR**

**A Master's Thesis
Presented to the Graduate
Faculty of the
College of Arts and Sciences
University of San Carlos
Cebu City, Philippines**

**In Partial Fulfillment
of the Requirements for the Degree
Master of Science in Biology**

By

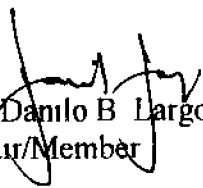
**Lucia Krylen R. Bebero
March 2006**

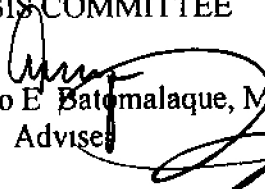
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This Thesis entitled "PROFILE OF PARASITIC FAUNA AMONG LIVESTOCKS SLAUGHTERED AT THE TAGBILARAN CITY ABATTOIR" prepared and submitted by Lucia Krylen R Bebero in partial fulfillment of the requirements for the degree of Master of Science in Biology has been examined and is recommended for acceptance and approval for oral examination

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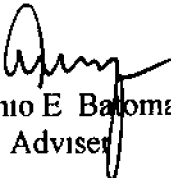

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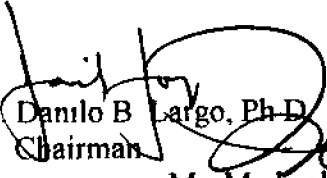

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ABSTRACT

This study was conducted to determine the incidence of helminth parasites among livestock slaughtered at the Tagbilaran City Abattoir

Postmortem inspection was conducted together with the meat inspectors on 960 swines, 336 cattles and 3 goats for a period of twelve months from June 2004 to May 2005. The worms were collected, identified and preserved.

The following percentage incidence of parasites in swine were obtained: *Ascaris suum* in the small intestine, 11.8%, *Gnathostoma doloresi* in the stomach, 0.2%. In cattle, the following percentage incidence of parasites were obtained: *Fasciola hepatica* in the liver, 6%, *Cotylophoron cotylophorum* in the stomach (rumen and reticulum), 6.6%, *Moniezia expansa* found in the large intestine, 2.4%. No helminths were found from the three goats examined.

Out of 960 swines examined, 0.1% of liver was partially condemned and 4.1% of liver were entirely condemned. The following percentage of swine organs entirely condemned: lungs, 0.2%, stomach, 0.4%, small intestine, 0.4%, large intestine, 0.5% and carcass, 0.1%. And out of 336 cattles examined, 0.9% of liver were entirely condemned. No parts were rejected from the three goats examined.

Based from the sampling days, the estimated loss in terms of monetary level from condemnation of carcass or its parts in cattle and swine were as follows: cattle liver, P 497, swine liver, P 6,615, swine lungs, P 155, swine stomach, P 255, swine small intestine, P 295, swine large intestine P 410, swine carcass, P 2,800. The total estimated loss in cattle and swine was P 11,027.

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