

IDENTIFICATION OF PATHOGENIC PROTOZOA AT HOUSEFLY
EXOSKELETON (*Musca domestica*) IN SURABAYA AND
SIDOARJO SLAUGHTERHOUSES

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ABSTRACT

The aim of this study is to identify pathogenic protozoa like *Entamoeba histolytica*, *Giardia lamblia*, *Cryptosporidium parvum*, *Eimeria* spp. and *Balantidium coli* at *Musca domestica* exoskeleton in Surabaya and Sidoarjo slaughterhouses. Method of this study was to collect fly by capturing using an insect net. Collected *Musca domestica* were identified based on morphology particularly special characters. Flies exoskeletons were washed by physiologic NaCl 0.9% then identified the pathogenic protozoa in Parasitology Laboratory, Veterinary Medicine Faculty of Airlangga University. This research was conducted from June to July 2014. Results of this research have shown that *Balantidium coli* and *Eimeria* spp. were found at exoskeleton of housefly from some of slaughterhouses.

Key words : *Musca domestica*, *Balantidium coli*, *Eimeria* spp., Slaughterhouse