IDENTIFICATION OF BACTERIA AT FLIES GASTRO-INTESTINAL TRACT IN SOME MARKET SURABAYA

Angelina Violin Jaya

ABSTRACT

Infectious disease caused by bacteria are often found in tropical region, including Indonesia. Flies generally act as mechanical vectors of bacteria. The purpose of the research was to know types of flies and bacteria that stay in their gastro-intestinal tract. Flies were collected by insect net, and the flies were identified in the Parasitology Laboratory. Identification of bacteria were performed at Bacteriological Laboratory, Faculty of Veterinary Medicine Airlangga University. In conclusion, there were two types of flies obtained from Pacar Keling, Wonokromo, Pabean and Manukan markets i.e. Musca domestica and Chrysomyia megacephala that carried Staphylococcus aureus and E. Coli.

Key words: Flies, bacteria, Market, Gastro-Intestinal, Mechanical vector