

**INFESTATION PATTERN OF LICE IN LAYING DUCKS IN
VILLAGE OF KRAMAT DISTRICT OF BANGKALAN
REGION OF BANGKALAN**

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ABSTRACT

The purpose of this research is to identify lice and to know the pattern of infestation of lice that infest laying ducks in Village of Kramat, District of Bangkalan, Region of Bangkalan. Forty samples of laying ducks were taken in Kramat Village and identified in Entomology and Protozoology Laboratory of Parasitology Department of Veterinary Faculty of Airlangga University, the research was conducted from July to September 2017. This study used an explorative observational research design. Lice taken from a sample of laying ducks are fed into an ointment pot containing 70% alcohol to preserve lice and labeled in accordance with the infected duck's limb region. Identification of lice using *Permanent mounting* method without coloration. The results of identification, the lice that infest laying ducks consists of three types of *Anaticola crassicornis* 60%, *Menacanthus stramineus* 25% and *Lipeurus caponis* 17.5%. The results of infestation pattern, infected body's region is head-neck, wings and back. The wings infested two types of lice were *A. crassicornis* and *L. caponis*, head-neck infested *M. stramineus* and in the infected back region of *A. crassicornis*. *A. crassicornis* distributions most commonly infest the laying ducks in the wing region compared to the back region. *Lipeurus caponis* is a typical lice found in the wing region and in the head-neck region typical of *M. stramineus*.

Key words: Lice infestation, laying ducks, pattern, *A. crassicornis*, Village of Kramat