

**THE INCIDENCE RATE ECTOPARASITES OF PIGEONS (*Columba livia*)
IN SURABAYA**

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ABSTRACT

The purpose of this study is to determine the incidence rate of ectoparasites, some types of ectoparasites that infected and influenced cages of pigeons management in Surabaya. One hundred samples were taken from several breeding of pigeons from five regions in Surabaya and surgered from November to December 2016. This study used survey research design types. Identification was carried out on ectoparasites found identified using pinning, scrapping and permanent mounting methods. The incidence rate infestation ectoparasites of pigeons in Surabaya was 90%. The types of ectoparasites found were *Dermanyssus gallinae* 2%, *Menopon gallinae* 82%, *Columbicolla columbae* 91% and *Pseudolynchia canariensis* 41%. The incidence rate of ectoparasites in pigeons from extensive cage was higher with percentage 100% than intensive cage with percentage 80%.

Keywords : Incidence rate, Ectoparasites, Pigeons, Surabaya