DISTRIBUTION AND IDENTIFICATION OF *CULICOIDES SP* AROUND POULTRY FARM THAT INFECTED BY LEUCOCYTOZOOONOSIS IN KEDIRI REGENCY

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**ABSTRACT**

A distribution of *Culicoides* specieses around poultry farm in Kediri Regency have been investigated. The purpose of the research was to study the distribution of the specieses of *Culicoides* that might be contribute to leucocytozoon disease transmission. *Culicoides* were collected from four poultry farm in Kediri Regency. One hundred and eighty four *Culicoides* were collected by use of lamp and sucked by aspirator. The *Culicoides* were identified morphologically according to Wirth and Hubert. The result of the study showed that there were differences of population *Culicoides* between four poultry farm. The *Culicoides sp* have been identified from four poultry farm are: *C. arakawai*, *C. guttifer*, *C. huffi* and the other *Culicoides* species. The specieses *C. arakawai* and *C. guttifer* might be have potential role of the transmission of leucocytozoonosis on the surrounding of poultry farm in Kediri Regency.

**Key word**: *Culicoides sp, Leucocytozoon sp*