

**PREVALENCE OF TRYPANOSOMIASIS OF WILD RATS (*Rattus sp.*) IN
BANYUWANGI DISTRICT**

Zhaza Afililla

ABSTRACT

The aim of this research was to investigate the number of prevalence of Trypanosomiasis of wild rats in Banyuwangi District. Sixty wild rats were trapped from 4 sub-districts, Banyuwangi, Srono, Songgon, and Tegaldlimo in human residence, markets and rice fields from March until June 2017. Blood were taken after anaesthetized using ether. The examination of parasite used blood smear in Giemsa staining. The result show that just 1 of 60 blood sample was appear *Trypanosoma sp.*, it means the prevalence of Trypanosomiasis of wild rats in Banyuwangi was 1.67%.

Keywords : banyuwangi, prevalence, trypanosomiasis, trypanosoma, wild rats.