

**PREVALENCE AND INFECTION LEVEL OF GASTROINTESTINAL
WORM NEMATODE ON LONG TAILED MACAQUE
(*Macaca fascicularis*) AT TAMAN WISATA WENDIT
MALANG REGENCY**

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ABSTRACT

The aim of this research is to study the prevalence and infection level of gastrointestinal worm nematode on *Macaca fascicularis* in natural habitat breeding facility, Taman Wisata Wendit, Malang Regency. Forty five fecal samples were collected and examined on March-June 2016. Parasitological examination used for the identification of helminths such as native, sedimentation and floating methods, worm eggs count per gram of faeces were examined using a modified *McMaster* and identify the egg types. Out of 45 fecal sample, 11 samples (24,44%) was positively infected with intestinal worm, including one egg of *Strongyloides* sp. The average number of egg per gram (EPG) was ranging from 10 to 50 EPG.

Keywords : *Macaca fascicularis*, prevalence, Taman Wisata Wendit