PREVALENCE OF HELMINTHIASIS ON BANTENG (*Bos javanicus*) IN SURABAYA ZOO AND PRIGEN SAFARI PARK II THROUGH STOOL EXAMINATION

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ABSTRACT

This research aim was to find out type of helminth eggs which infected banteng through native, sedimentation and floatation methods, and to know the prevalence of helminthiasis occurred on banteng (*Bos javanicus*) in Surabaya Zoo and Prigen Safari Park II. Stool samples were taken from Surabaya Zoo and Prigen Safari Park II as many as 12 samples and 23 samples respectively. The results from Surabaya Zoo showed that 12 samples were positively infected by *Schistosoma* sp (100 %) which includes in trematode class and 23 samples from Prigen Safari Park II were positively infected by *Schistosoma* sp (100 %), *Moniezia* sp (17.4 %) and *Trichostrongylus* sp (13 %) which was from trematode, cestode and nematode class respectively. The prevalence of helminthiasis rate for Surabaya Zoo and Prigen Safari Park II were 100 %.

Keyword: Banteng (*Bos javanicus*), Helminth eggs, Surabaya Zoo, Prigen Safari Park II