

**IDENTIFICATION OF GENUS OF WORMS EGG BY SOIL
EXAMINATION ON KOMODO CAGES (*Varanus komodoensis*)
IN SURABAYA ZOO CONSERVATION *ex-situ***

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ABSTRACT

This study aims to determine the genus of worm eggs which around the cages of Komodo Dragon (*Varanus komodoensis*) through examination in *ex-situ* conservation land at Surabaya Zoo. This study used 175 soil samples those samples were taken from March to July 2014. Test *centrifugal flotation method*, the sucrose liquid was used to test soil samples. The result showed worm eggs of *Trichuris* sp. and *Dipylidium* sp. Contained in the land of Komodo Dragon cages. four samples were positif with 2.28 %, consists of 5 cages of Komodo Dragon aged 3 to 30 years.

Keywords : *Trichuris* sp, dan *Dipylidium* sp., komodo dragon, surabaya zoo.