

**IDENTIFICATION OF INTESTINAL PARASITE OF LEOPARD GECKO  
(*Eublepharis macularius*) IN SURABAYA**

Estu Ratri Ayuni

**ABSTRACT**

Leopard gecko (*Eublepharis macularius*) recently become one of the most popular pet reptiles. Leopard gecko that infected by the intestinal parasite can cause economic loss for the owner and can also transmit zoonotic disease. This research aims to identify the intestinal parasite of leopard gecko (*Eublepharis macularius*) in Surabaya, Indonesia. This research used 64 fecal samples of leopard gecko identified using the native method, sedimentation method, Fulleborn method, and acid-fast staining method (Ziehl Neelsen) for *Cryptosporidium* sp. The results of the study, there are 35 samples positive infected with helminths that consist of *Oxyuris* sp., *Ophidascaris* sp., *Tachygonetria* sp., *Pharyngodon* sp., another family Pharyngodonidae, and unidentified egg resembling *Acanthocephala* egg. *Cryptosporidium* sp. infected 13 samples and 9 samples infected cyst of Amoebozoa.

**Key words:** Leopard gecko, intestinal parasite, *Cryptosporidium* sp., *Ophidascaris* sp., *Tachygonetria* sp., *Pharyngodon* sp., and Pharyngodonidae.