

**IDENTIFICATION ACANTHOCEPHALA ON WATER MONITOR  
LIZARD (*Varanus salvator*) HUMAN CONSUMED IN SIDOARJO**

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**ABSTRACT**

Water monitor lizards are consumed by humans for its meat and bile. Based on habitat and food, they have the potential to transmit zoonosis and have a high possibility of being infested by parasites. One of the possible disease that could infect water monitor and transmitted to human is acanthocephaliasis, infection from *Acanthocephalan*. Which previous research found *Acanthocephala* on intestine of frog. This study was conducted to identify the presence of *Acanthocephala* on water monitor lizard (*Varanus salvator*) in Sidoarjo. Total of 40 samples were taken and was identified in Laboratory of Parasitology, Universitas Airlangga by *Semichen-Acetic Carmine* staining method and observed with lucida microscope. Based on the results there were 2 positive samples of *Acanthocephala* on the body cavity of water monitor, which is it still immature.

**Keywords:** *Acanthocephala*, *Varanus salvator*, *Semichen-Acetic Carmine*