

# Identifikasi endoparasit pada sampel feses *Nasalis larvatus*, *Presbytis comata*, dan *Presbytis siamensis* dalam penangkaran menggunakan metode natif dan pengapungan dengan sentrifugasi

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## Abstrak

### **ABSTRAK**

Telah dilakukan penelitian pengidentifikasian endoparasit sampel feses *Nasalis larvatus*, *Presbytis siamensis*, dan *Presbytis comata* di Kebun Binatang Tamansari, Bandung. Tujuan penelitian untuk mengidentifikasi keberadaan endoparasit dan membandingkan hasil serta kepraktisan kedua metode. Penelitian dilakukan sejak Desember--Mei 2011 di Laboratorium Kesehatan Hewan. Sebanyak 216 sampel diperiksa terdiri 72 sampel dari masing-masing spesies. Hasil menunjukkan telur *Ascaris lumbricoides*, *Strongyloides stercoralis*, dan *Trichuris trichiura* ditemukan pada sampel feses ketiga spesies primata melalui dua metode. *Balantidium coli* dan larva *Strongyloides stercoralis* hanya ditemukan pada Metode Natif. Berdasarkan keanekaragaman spesies endoparasit, Metode Natif mampu dan lebih praktis dalam mendapatkan hasil lebih dibandingkan Metode Pengapungan Dengan Sentrifugasi.

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### **ABSTRACT**

This research has been conducted to identify endoparasites from fecal samples of *Nasalis larvatus*, *Presbytis comata*, and *Presbytis siamensis* at Kebun Binatang Tamansari, Bandung, using Native and Centrifugation Flotation Methods. The aims of this non-experimental research were to identify the presence of endoparasite and to compare the result between those two methods. This research was conducted since December--May 2011. There were 216 fecal samples observed in this research consist of 72 fecal samples for each species. The result showed that *Balantidium coli* and *Strongyloides stercoralis* were only found by using Native method, meanwhile *Ascaris lumbricoides*, *Strongyloides stercoralis*, and *Trichuris trichiura*'s eggs were found in almost entire fecal samples that analyzed by Native and Centrifugation Flotation Methods. We can conclude that Native Method is much more practical than Flotation Centrifuge Method.