

## INTISARI

### **PREVALENSI INFEKSI *Fasciola sp.* DAN *Paramphistomum sp.* PADA SAPI DI SULAWESI**

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Penelitian ini bertujuan untuk mengetahui prevalensi kejadian Fasciolosis dan Paramphistomiasis sapi di Pulau Sulawesi. Penelitian dilakukan di Laboratorium Parasitologi Fakultas Kedokteran Hewan UGM dari bulan Agustus 2020 sampai Februari 2021. Sebanyak 75 sampel feses sapi dikumpulkan dari masing-masing Balai Karantina Provinsi Sulawesi Tengah, Sulawesi Tenggara, Sulawesi Barat, dan Sulawesi Selatan. Pemeriksaan feses dilakukan dengan metode sedimentasi untuk mengidentifikasi telur cacing *Fasciola sp.* dan *Paramphistomum sp.* berdasarkan morfologinya. Didapatkan hasil penelitian bahwa prevalensi Fasciolosis di Sulawesi Tengah sebesar 33,33%, Sulawesi Tenggara 46,67%, Sulawesi Barat 40%, dan Sulawesi Selatan 0%. Prevalensi Paramphistomiasis di Sulawesi Tengah 13,33%, Sulawesi Tenggara 33,33%, Sulawesi Barat 13,33%, dan Sulawesi Selatan 0%.

**Kata kunci:** Prevalensi, Fasciolosis, Paramphistomiasis, Sedimentasi

## **ABSTRACT**

### ***PREVALENCE OF *Fasciola* sp. AND *Paramphistomum* sp. INFECTION ON CATTLE IN SULAWESI***

*This research aimed to determined the prevalence of Fasciolosis and Paramphistomiasis cattle on the island of Sulawesi. The research was conducted at the Parasitology Laboratory of the UGM Faculty of Veterinary Medicine from August 2020 to February 2021. In total, 75 faeces samples were collected from each of the Quarantine Centers for Central Sulawesi, Southeast Sulawesi, West Sulawesi and South Sulawesi Provinces. This examination was carried out using the sedimentation method to identify eggs of *Fasciola* sp. and *Paramphistomum* sp. based on its morphology. The results showed that the prevalence of Fasciolosis in Central Sulawesi was 33.33%, Southeast Sulawesi 46.67%, West Sulawesi 40%, and South Sulawesi 0%. The prevalence of Paramphistomiasis in Central Sulawesi was 13.33%, Southeast Sulawesi 33.33%, West Sulawesi 13.33%, and South Sulawesi 0%.*

***Keywords:*** *Prevalence, Fasciolosis, Paramphistomiasis, Sedimentation*