NEMATODA GASTROINTESTINAL IDENTIFICATION OF BANTENG 
(Bos javanicus d'Alton) IN NATIONAL PARK ALAS PURWO 
BANYUWANGI BY FECAL EXAMINATION

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ABSTRACT

Sadengan grassland of National Park Alas Purwo is one of the conservation area Banteng (Bos javanicus d'Alton). Banteng (Bos javanicus d' Alton) monitoring health is need to be done to support the effort of conservation. The examination of nematoda gastrointestinal was done by the fecal examination is to find out the type of nematoda gastrointestinal that infected of Banteng (Bos javanicus d'Alton) at National Park Alas Purwo. The identification base on the egg and larva (L₃) morphologic. Fecal samples ware collected from shepherd field of Sadengan National Park Alas Purwo, randomly based on the distribution location of Banteng (Bos javanicus d' Alton) which was observed before. Banteng (Bos javanicus d'Alton) was determined positive infection by nematoda, if there were egg or larva infective. Fecal samples were examine by native, flotation and Baermann method. The result showed that 28 of the fecal samples of Banteng (Bos javanicus d'Alton) that ware checked by native, flotation and Baermann methods identified, that there were seven types from genus Trichostrongylus sp, Oesophagostomum sp, Bunostomum sp, Cooperia sp, Haemonchus sp, Strongyloides sp and Toxocara vitulorum with mean EPG 2225±635,1572

Key words : identification, nematoda, gastrointestinal, Bos javanicus d' Alton