

PREVALENCE OF HELMINTHS IN MANGALARGA MARCHADOR HORSES IN THE SOUTH OF MINAS GERAIS*

(PREVALÊNCIA DE HELMITOS EM EQUINOS DA RAÇA MANGALARGA MARCHADOR NO SUL
DE MINAS GERAIS)

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The parasite fauna that affects horses includes a great variety of helminths. These parasites can cause from decreasing physiological performance to diseases that can lead to animal death. Recurrent infections and indiscriminate use of anthelmintics has been leading to resistant populations that hinder parasite control and cause major economic losses. The objective of this study was to identify the genus and species of helminths present in horses of southern Minas Gerais. Animals from 33 stables were evaluated from April to June 2013, and stool samples were collected for further analysis. In the laboratory, modified OPG and stool cultures were performed, with subsequent removal of the larvae by the Baermann technique for identifying various genera and species according to the key proposed by Bevilacqua et al. (1993) and Kornas et al. (2009). It was observed that cyathostomes with eight intestinal cells (genus *Cylicocyclus*, *Cylicostephanus* and *Cyathostomum*) were present in 100% of the stables examined, followed by the following species and respective prevalence: *Gyalocephalus capitatus* 87.9%; *Poteriostomum* spp., 84.5%; *Oxyuris* spp., 60.6%; *Strongylus edentates*, 42.4%; *Triodontophorus* spp., 39.4%; *Strongylus vulgaris*, 27.3%; *Parascaris* spp., 21.2%; and, *Trichostrongylus axei*, 6.1%. It is concluded that the worms are present in all the stables studied and that cyathostomes are the most prevalent. It is suggested to investigate the control measures practiced in these stables.

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