

ABSTRACT

Thesis: Parasitostatus of red deer population in the Eagle Mountains (Czech Republic) and the results of antiparasitic control

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The thesis deals with parasitostatus of red deer which is bred in the overwintering enclosures of the Eagle Mountains – Pádolí, Podlesí, Malá Strana. The thesis is aimed at qualitative and quantitative larvoscopic examination of individual anonymous samples of excrement and lungworm species *Elaphostrongylus cervi*, *Varestrongylus sagittatus* and *Dictyocaulus viviparus*. The parasitological examination showed only L₁ larvae of *Elaphostrongylus cervi* the lungworm, the average prevalence of positive findings on the examination was 68.1 % in the winter season 2007/2008. The treatment effectivity was analysed in the overwintering enclosure Pádolí in the winter seasons 2007/2008 and 2008/2009. It achieved the value of 100.0 % in both seasons.

