

## **THE ABSTRACT**

**The thesis:** Parasitostatus of red deer population in Krkonoše (Czech Republic) and results of antiparasitic control

**Made by:** Vojtěch Vávra

The thesis deals with the occurrence of endoparasites in red deer population, held in selected overwintering enclosures in Krkonoše Mountains – in Bílá Voda, Hlušiny and Michlův Mlýn. During winter season 2007/08 samples of faeces were collected in these enclosures, which were consequently examined larvoscopically in a quantitative and qualitative way and oviscopically in a qualitative way. During this season anthelmintic treatment Cermix a. u. v. was applied as well. In pre-treatment samples high prevalence of *Elaphostrongylus cervi* was found, in 85,1 % of samples. The treatment efficacy was set in enclosures Bílá Voda and Michlův Mlýn. In Bílá Voda the efficacy reaches 43,2 % and in enclosure Michlův Mlýn reaches 86,1%.