ABSTRACT

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Title of rigorous thesis:

Parasite Control Results in Two Preserve Ruminant of Hoofed Game Breedings

Rescue preserve breeding of Bezoar goats in the game park of Vřísek in the Česká Lípa district is the focus of much attention. Among the reasons leading to the stagnation of breeding in previous years they were also parasitic infections caused primarily lungworms *Muellerius capillaris.* This parasitosis has been monitored in the long term, it is used rectal individual faecal samples, standard larvascopic examinations by Bearmann's method and anthelmintic treatment based on inj. s.c. of ivermectin at a dose of 0,4 mg/kg of body weight three times a year. The overall evaluatin of Bezoar goat parasitostatus fosusing on lungworms, but also the simultaneous rearing mouflon in 2012 - 2015 years, is engaged in this work. For mouflon population they were repeatedly finding hight levels of documenting strong prevalence lungworms *Muellerius capillaris* that is easily transferable to goats. It was therefore also approached to anthelmintic ivermectin treatment of mouflon breed submitted in the form of medicated feed mixture in dosage scheme 4 x 0,25mg/kg of body weight. The boath approached chosen parasitostatus controls of muelleriosis were based on comparison of pre-treatment and post-treatment parasitological findings assessed as effective.

In the next part of this work was evaluated anthelmintik efficacy of flubendazole administered to mouflon bread in the game park of Opočno, where outside lungworms *Muellerius capillaris* detected the presence of tapeworms *Moniezia spp.* Utilization dosing scheme was 5 x 15 mg/ kg of body weight, the drug was administered in the form of medicated feed mixture. In terms of preserve breed is assessable efficacy of flubendazole as well as sufficient.

Key words: Bezoar goat, mouflon, *Muellerius capillaris*, *Moniezia spp.*, larvascopic examination, LPG, ivermectin, flubendazole.