OMICS International
conferenceseries.com

Anna Jankowska-Mąkosa et al., J Veterinar Sci Technolo 2015, 6:5
http://dx.doi.org/10.4172/2157-7579.C1.010

Global Veterinary Summit

August 31- September 02, 2015 Orlando-FL, USA

The level of infection endoparasites in wild boar

Anna Jankowska-Mąkosa, Damian Knecht and **Jakub Nicpon**
Wroclaw University of Environmental and Life Sciences, Poland

The population of wild boar has been systematically growing. The increase in number of boars causes the migration of the species to urbanized areas posing a real threat not only for forestry-involved people but as well for residents of cities. Endoparasites disseminate along with their hosts' migration posing a growing threat for people. The aim of the study was to determine the species composition and the intensity of endoparasites contagion among free-living wild boar. The parasitological diagnosis was conducted on the basis of coproscopic methods (flotation and the McMaster). The coproscopic was study carried out for 50 wild boars during spring 2014. The presence of parasites was detected in 91% of the examined population. The most abundant parasite was Coccidia prevalence-74% then Ascaris suum prevalence-46% next *Strongyloides ransomi* prevalence-33%, *Oesophagostomum* spp. prevalence-24% and *Trichuris suis* prevalence-5%. The average EPG was the highest in number for Ascaris suum (12326) and respectively for *Trichuris suis* (6522), *Trichuris suis* spp. (2162) and *Strongyloides ransomi* (2608). The average Coccidia was determined at the level of 34 mean numbers of samples. The most current knowledge regarding the level of endoparasites contagion among wild boar seems to be insufficient. Periodic wild boar examination and efficient determination of parasitic morbid entities will not only help in valuation of the condition of the game but as well in providing sufficient treatment and minimizing the risk of contagion for people.

Biography

Anna Jankowska-Mąkosa has completed her PhD at the Wroclaw University of Environmental and Life Sciences. She is the Author or Co-author of 18 scientific publications of which 6 were recognized by Journal Citation Reports. She also participates in the project, "Mentoring-innovative method of activation".

kamil.duzinski@up.wroc.pl

Notes: