

# Coccidian Parasites (Apicomplexa: Eucoccidia) of Herbivore and Carnivore Mammals from Sofia Zoological Garden (Bulgaria)

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**Abstract:** A survey of coccidian parasites of 36 species and 5 subspecies of herbivore and carnivore mammals from Zoological garden in Sofia was made. The investigation was based on the studies of coprological samples from the breeding mammals, collected threefold during the year 2008: April, July and October. A total of 13 species of eucoccidian parasites were identified on species level and 4 species – on genus level. The coccidian invasion of herbivores was higher than of carnivores. Five species of coccidians were observed for first time in Bulgaria. Part of them was probably introduced in the country by their imported hosts.

**Key words:** Coccidia, *Eimeria*, *Isospora*, *Sarcocystis*, Mammals, Zoogarden