



## Prevalence of intestinal helminthes in feral cats in Babylon province/ Iraq, urban and rural locations

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### ARTICLE INFO

Received: 25.06.2014

Revised: 22. 07.2014

Accepted: 25.09.2014

Publish online: 15. 10.2014

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### Abstract

**This study** carried on fifty seven feral cats in Babylon province urban and rural locations. The cats euthanized and examined for gastrointestinal helminthes

(GI). The results revealed that all examined cats were infected by one or more GI helminthes, which were including *Toxocara cati*, *Toxascaris leonina*, *Ancylostoma tubaeforme*, *Pterygodermatites cahirensis*, *Dipylidium caninum*, *Dipylidium nölleri*, *Taenia taeniaeformis* and *Joyeuxiella pasqualei*. The highest prevalence nematode occurred in urban habitant cats was *Toxocara cati* (43.75%) and the lowest was *Pterygodermatites cahirensis* (12.5%). However, in rural habitant cat, the highest prevalence rate of nematode was *Physaloptera praeputialis* and *Toxocara cati* (24%) followed by *Ancylostoma tubaeforme* (16%) and *Pterygodermatites cahirensis* (4 %). Among cestodes helminthes, the most prevalence species in urban habitant cat was *Taenia taeniaeformis* (31.25%) followed by *Diplopylidium nölleri* (25%), *Dipylidium caninum* (21.88%) and *Joyeuxiella pasqualei* (12.5 %). In rural habitant cats, the most prevalent cestode was *Diplopylidium nölleri* (52%), followed by *Diplopylidium caninum* (36%), *Taenia taeniaeformis* (32%) and *Joyeuxiella pasqualei* (20%).

**To cite this article:** Al-Rammahi Hayder M, Kareem Safaa M, Hammadi Ali K. (2014). Prevalence of intestinal helminthes in feral cats in Babylon province/ Iraq, urban and rural locations. MRVSA. 3 (2), 44-51.

DOI: [10.22428/mrvsa.2307-8073.2014.00326.x](https://doi.org/10.22428/mrvsa.2307-8073.2014.00326.x)

**Keywords:** Feral cat, gastrointestinal helminthes, rural and urban location, Babylon.