



<b>Research No.</b>	<b>5</b>
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## **The prevalence and intensity of external and internal parasites in working donkeys (*Equuas asinus*) in Egypt**

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### **Abstract:**

**Aim:**This study aims to record and update the prevalence and intensity of external and internal parasites in working donkeys (*Equus asinus*) in Egypt during the period from January to December 2017. **Materials and Methods:**

A total of 120 donkeys (10 donkeys each month) were examined at Giza zoo abattoir through bimonthly visits. The examined donkeys were obtained from five governorates (Giza [20], Fayoum [40], Beni Suef [30], Monofia [20], and Assiut [10]). The animals were grouped according to age and sex. **Results:** All examined donkeys were positive with at least one internal or even external parasitic species. The overall prevalence rate was 100%. A total of 11 helminths species (10 nematodes and 1 metacestode); 7 protozoal and 7 arthropod species were collected. The number of each parasite and intensity of infection with regard to age and sex was recorded.

**Conclusion:**All examined donkeys were infected with parasites with an overall prevalence of 100%. So, we recommended following up and continuous treatment of such diseased animal.

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