Parasitological survey of rodent in cultivated and reclaimed land at Assiut, Egypt.

Tarek M. Abo-Elmaged and Abd El-Aleem S.S.Desoky

Abstract:

The Ectoparasites arthropod of rodent infesting animals and human have gained much attention in Assiut. Rodent species in both old land and new reclaimed land was infested with various species from arthropods such as mites and ticks (Acaris), lice, fleas (Insecta), from this studied found that three species of mites Amerosieus sp., Hypoaspis koseii, Cheyletus zaheri and one species of hard tick was Amblyomma sp., infested rodent species which captured from the study areas. The study of ectoparasite from insecta show that three species of fleas were Xenopsylla cheopis, Leptopsylla segnis and Pulex irritans and one of lice was Polyp lax spinulosa infested the captured rodent species. In this study we found that 6 species (1 sucking lice, 2 fleas, 1 tick and 2 mites) of Ectoparasites arthropod infesting rodent species and different location. The Faculty of Agriculture farm ranked the first in high recorded number of Ectoparasites arthropod of rodent species while the Arab El- Awamer farm low recorded number of Ectoparasites arthropod of rodent species.

Keywords:

Ectoparasites, arthropoda, rodent species, survey

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