

Abd-Elgayed, A. A., Hussein, S. H. A. and Saleh. H. A. M. (2010): Studies on some ecological and biological observation of the parasitoids, *Apanteles* spp. (Hymenoptera: Braconidae) on the Hawaiian beet webworm, *Hymenia recurvalis* Fab. (Lepidoptera: Pyralidae) at Fayoum district, J. Plant Prot. and Path., Mansoura Univ., 1(4): 209 – 217.

الملخص الانجليزي :

The present work was carried out at Fayoum district to study ecological and biological observations on the parasitoids, *Apanteles* spp which associated with the Hawaiian beet webworm, *Hymenia recurvalis* Fab. during two seasons. Results showed that the parasitoids were recorded parasitizing on 2nd instar larvae of this insect pest. The Hawaiian beet webworm and its parasitoids, *Apanteles* spp. (*Apanteles hymeniae* Wilknsn and *A. marginiventris* Creeson) had one peak extended from first season until the end of December during the two successive seasons of study. *Apanteles marginiventris* was reared under laboratory conditions (25 ± 1 °C and 70 ± 5 % R.H.). Longevity of males and females averaged 3.90 and 6.30 days. Mean number of eggs laid was 15.10 eggs / female. Total duration of immature stages was 16.0 ± 0.23 days