

Yossef, Narmen A. and **Abd-Elgayed, A. A.** (2015): Biological parameters of the predator, *Amphipolus venator* Klug.(Hemiptera: Reduviidae) preying on larvae of *Tribolium confusum* Duv. (Coleoptera: Tenebrionidae), Annals of Agricultural Science, 60(1): 41 – 46.

#### الملخص الانجليزي :

Certain biological aspects of the predator, *Amphibolus venator* Klug (Reduviidae: Hemiptera) had been studied when preyed on larvae of *Tribolium confusum* Duv. (Coleoptera:Tenebrionidae) under laboratory conditions. Development and reproductive capacity of the predator were investigated at three constant degrees of temperatures (20, 27 and 35 ±1 \_C) combined with three relative humidities (50, 60 and 70 ± 5 R.H.). The data revealed that the adult predator consumed an average of 354.3 prey at 27 \_C and 60% R.H. These conditions seemed to be optimum for rearing the experimental predator when fed on larvae of *T. confusum*. At these conditions, oviposition periods, number of deposited eggs and preying capacity were highest and associated with lowest mortalities in mature and immature stages compared with other conditions