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Title	Some biological studies of greater date moth, <i>Arenipses sabella</i> (Hampson) (Pyralidae: Lepidoptera) at three temperatures
Paper ID	GjMlw
Author(s)	<b>Tawfiq M.Al-Antray 1 and Mashhour M.AL-Khawaldeh 2</b>
Abstract	<p>Biological studies were conducted under laboratory conditions (20, 25 and 30 C? ♦ 1.65 ♦ 5 % RH) for both sexes of greater date moth. Very dry fruits were the suitable media for rearing the moth larvae. The mean numbers of eggs laid by fertile female was 2.2, 274.9 and 287.4 eggs/female, respectively. It was significantly lower at 20 C?. The mean numbers of eggs laid by unfertile female was 0, 152 and 158.5 eggs, respectively. It was significantly lower at 20 C?. Mean duration for egg development (and hatching percent) were 7.25 (5.33%), 5.8 (86.7 %) and 4.7 days (68.8%), respectively. The majority of eggs were laid at 5th and 6th day, 7th and 8th day and at 3rd and 4th day after female appearance, respectively. Mean duration for larvae-pupae development was 59, 36 and 31 days, respectively. Significant differences were detected between each of the three means. Mean duration for adult survival was 10.7, 7.25</p>

means. Mean duration for adult survival was 10.7, 7.25 and 4.4 days, respectively. None significant differences were detected between males, fertile and unfertile females at 20 C? and between males and females (fertile and unfertile females) at 25 C? and 30 C?. Significant differences were detected between females and unfertile females at 25 C? and 30 C?. In the three temperature degrees, the mean survival period of unfertile females was the highest, followed by that of males then of the fertile females.

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