

Morsi, G. A.; Abou El-Ela A. A. and **Abd El- Gayed , A. A.**(2006):

The population dynamics of *Hemiberlesia lataniae* Signoret
(Homoptera: Diaspididae) and its parasitoids in middle Egypt.
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Studies on the seasonal fluctuations of the population of *Hemiberlesia lataniae* Signoret (Homoptera: Diaspididae) and its parasitoids were conducted in Beni-suif Governorate during the period extending from Jun. 2004 until May 2006. The latania scale insect, *H. lataniae* have four or five peaks of abundance on olive trees throughout the years of study. The number of nymphs reached its maximum during the second week of May. The parasitoid species, *Asidiotiphagus citrinus* Crow., *Habrolepis aspidioti* Compere & Annecke, *Aphytis mytilaspidis* Le Baron and *Marietta picta* Andree were found associated with *H. lataniae*. The role of parasitoids in regulating the abundance of populations of this scale insect was evaluated.