



**ECOLOGICAL STUDIES ON SCALE INSECTS AND
MEALYBUGS INFESTING SOME MANGO VARIETIES
AND THEIR ASSOCIATED PARASITOIDS IN SHARKIA
GOVERNORATE**

BY

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ABSTRACT

Survey and ecological studies were carried out on two mango varieties (Hendi and Balady) in Inshas El-Raml district, Sharkia Governorate during the two successive years (2017 and 2018) to survey the important scale insects and mealybugs which attacking mango varieties and their associated parasitoids. Six species of scale insects and mealybugs belonging to four families, two parasitoids species were recorded. Seasonal abundance, number of generations, effect of climatic factors, preferable leaf surface, distribution and susceptibility of the mango varieties to infestation by *Aulacaspis tubercularis* (Newstead) and its associated parasitoids were studied. The relationship between pest infestation and chemical component of tested mango varieties leaves were also considered.

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