



**IDENTIFICATION OF THE GENETIC RELATIONSHIP OF ALMOND SEED
WASP *Eurytoma Amygdali* End IN MID AND SOUTHERN OF SYRIA**

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ABSTRACT

The almond seed wasp *Eurytoma amygdali* Enderlein (*Eurytoma amygdale* End) is an important insect on almonds *Amygdalus sp* in its plantig regions, causing a large loss in the production. The relationship between the adults of almond seed wasp in five regions: mid Syria (Homs), Southern

region (Al Qunaitera, Swedaa), and the countryside of Damascus (Beet Tema,, Deer Ateah) was studied by ISSR. The results indicated that the females from Homs formed a separated cluster, and the females from Beet Tema and Deer Ateah were the most closed to each other, also the female from Al Qunaitera and Swedaa were closed to each other. It was noted that the males separated into two clusters, the first one contained the males from Homs and Swedaa, and the second contained the males from Beet Tema, Al Qunaitera and Deer Ateah.

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