SCIENTIFIC NOTE

A RECENT RECORD OF PARASITOIDS ON COMMON OLIVE PESTS IN EGYPT

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Olive is one of the important economical crops in Egypt. It is subjected to attack by many insect pests that affect the yield quality and quantity. Among the most common pest species surveyed during this study (El-Khawas, 2000) were: the olive fruit fly, Bactrocera (Dacus) oleae Gmel., the olive leaf moth, Palmia unionalis Hb., the olive kernel borer, Prays oleae Bern., the armored scale insect, Leucaspis riccae Targ. and the red scale insect, Aonidiella aurantii Mask.

Few records of parasitoid species have been found on the target pests in Egypt. They were the two braconids, Opiscon color Szepl., on B. oleae (Ajian, 1962) and Apanteles syleptae F. on P. unionalis (Foda, 1973; El-Sherif and Kaschef, 1977), and the aphelinid, Aphid sp. on L. riccae (Moursi and Mesbah, 1985).

Intensive samples from the previous olive pests were collected biweekly throughout the two successive years, 1989 and 1999, from olive orchards located mainly at Alexandria, Fayoum and North Sinai Governorates. Samples were kept under laboratory conditions until emergence of parasitoid adults. Recovered parasitoid species were identified by the British Museum of Natural History (BMNH), London, the Centro de Studio CNR Techniche de Lotto Biologica - Via Universita, Protici, Italy, and the Scale and Mealy-bug Research Section, Plant Protection Research Institute (PPRI), Dokki, Giza, Egypt.

The following list includes hymenopterous parasitoid species recorded on the considered insect hosts:

**On B. oleae:**
- Opiscon color Szepl. (Braconidae).
- Pragalia agraules* Walker (Eulophidae).
- Eupelmus* sp. and Macroneura* sp. (Eulimididae).
- Eurytorna martelli* Masi and Eurytorna* sp. (Eurytomidae).
- Cyrtophyt latipes* Ronaldi (Pteromalidae).

**On P. unionalis:**
- Apanteles syleptae F. (Braconidae).
- Bradysyrma aegyptiaca* Masi (Chalcrididae).

**On P. oleae:**
- Apanteles* sp. and Braccon* sp. (Braconidae).

**On L. riccae:**
- Aphid sp. (Aphelinidae).

**On A. aurantii:**
- Marietta* sp. (Aphelinidae).
- Habrolepis* sp. (Encyrtidae).

Out of the fifteen recorded parasitoid species, twelve seem to be first records "*

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REFERENCES


