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ON SOME SPECIES OF TUBULIFEROUS THRIPS (THYSANOPTERA: PHLAEOTHRIPIDAE) FROM BAGHDAD, IRAQ*

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ABSTRACT

Twelve species of Tubuliferous thrips, of the family Phlaeothripidae had been reported from Iraq. Two of these were reported previously, *Haplothrips cerealis* Priesner, by El-Haidari and Daoud 1971.and *Haplothrips tritici* kurdjumov by Al -Ali 1977, and the rest were recorded for the first time : these are *Haplothrips hukkineni* Priesner; *Haplothrips subtilissimus* (Haliday) ؛ *Haplothrips reuteri* Karny; *Haplothrips jasonis* Priesner; *Haplothrips sallloumensis* Priesner ; *Haplothrips pharao* Priesner ; *Phlaeothrips sycomri* Priesner; *Karnyothrips flavipus* (Jones); *Karnyothrips melaleucus* (Bagnall) ; *Dolicholepta micrurus* (Bagnall).

Number of insect's specimens, localities, date of collection and host plants were given.

INTRODUCTION

Thrips are small insects 1-8 mm in length, dark-brown to black in color, with narrow bodies, commonly found feeding on leaves and stems. They are important insects, causing a serious damage to the plants. The adult and larval stages feed by their modified mouthparts sucking the contents of plant cells, this kind of feeding causes white or brown spots on the leaves. Some of these feeding on dead wood or fungi mycelium (Mound, 2005: Mound and Morris, 2005) transfer pathogens vectors, (Bacteria, Fungus, Virus). But some are beneficial species which feed on another small arthropod etc. mite, white flies and, insect eggs, such as *Leptothrips mali* Fitch (Lewis, 1997).

The last abdominal segment long, tube like in shape and the ovipositor unapparent. The eggs are laid on plants or near the food, hunching to small larva or its hutching inside the body of female (Mound& Walker, 1986; Cott, 1956; Pitkin, 1976).

Many species are found on the plant families Graminacae and Composites.

RESULT

Data of the present study resulted the identification of the following species:

Haplothrips cerealis Priesner. 1939

Material examined: 7 females, Abu-Gharib (Baghdad), 25.xii. 2001. on *Triticum aestivum.*

Habitat: Graminivorous.

Distribution: Spain (Berzosa, 1983), Russia, Egypt, Syria, Sudan, Turkey (Tunc,1992) and the Oriental region (Priesner,1950).

Male: unknown.

Haplothrips hukkineni Priesner. 1950

Material examined:

6 females, Abu-Gharib (Baghdad), 23.xi.2001.on *Imperata cylindrica* L.

* Apart of Ph D Thesis of the first author

Habitat: Graminivorous.
Distribution: Egypt, Cyprus, Albania, Yugoslavia, Hungrier (Priesner, 1950). New record in Iraq.

Haplothrips subtilissimus (Haliday, 1836)
Material examined: 20 females, Abu-Gharib (Baghdad), 2.x.2004, on *Sorghum vulgare*, 6 female, Baghdad/Abu-Gharib, 2.x.2004, on ,*Zea mays*, 9 females Baghdad/ Bab al-Madam. 3. iv. 2005 on undetermined weeds.
Habitat: Graminivorous.
Distribution: Africa and Europe inside the flower-bud (Priesner,1960) New record in Iraq.
Haplothrips reuteri Karny 1907
Material examined: 8 females and one male, Bab Al-Madam (Baghdad). 6. Iv.2005, on *Helianthus annuus*, 1 female on ornamental plant Zinnia flower.
Habitat: Flower of Composite.
Distribution: Europe, Siberia, Egypt, middle Asia, Palestine, Sudan, Yamane and India (Priesner, 1960). New record in Iraq.
Haplothrips tritici Kurdjumov. 1913.
Material examined: 9 females and 3 males. Abu-Ghraib (Baghdad). Spring 2002. On the *Lolium temulentum* L.
Habitat: Graminivorous.
Distribution: Europe, Siberia, Russia, Vietnam, Chain, Pakistan, Iran, Syria, Palestine, North Africa (Egypt, Morocco) (Priesner, 1960).
Haplothrips jasonis Priesner, 1950
Material examined: 1 female and 1 male. Abu-Ghraib (Baghdad). 6. viii.2005, on cotton
Habitat: *Gossypium hirisutum* L
Distribution: Egypt, Austere, England (Priesner,1950). New record in Iraq.
Haplothrips salloumensis Priesne. 1935
Material examined: 16 females and 3 males. Abu-Ghraib (Baghdad). 17. iiv.2005. On *Hordeum glaucum* Steud (wild Barely).
Habitat: Graminivorous.
Distribution: Slalom city, Media Desert (Priesner,1960). New record in Iraq.
Haplothrips pharao Priesner, 1930
Material examined: 3 females. Abu-Ghraib (Baghdad). 10.iv.2004 on undetermined weeds growing with cotton.
Habitat: unknown
Distribution: Egypt, east desert, Alba mountain, Yemen, AL-Hejaze. (Priesner, 1950). New record in Iraq.
Karnyothrips flavipus (Jones, 1912)
Material examined: 3 females and 1 male. Abu-Ghraib (Baghdad). In 15 / 6 /2001 on the yellowish flowers of Amyerlies.
Habitat: Flowers of Amyerlies.
Distribution: Europe, Africa, Egypt, Sudan (Priesner, 1960). New record in Iraq.
Karnyothrips melaleucus (Bagnall, 1911)
Material examined: 2 females. Al-Escan (Baghdad). 23. iii.2005 on rose.
Habitat: Flower of Rose and date palm (*Phoenix dactylifera* L.) Predator the scale insects *Parlatoria blanchardii*(Targ. –Tozz.)
Distribution: Oriental region / India, Palaearctic region / Europe, Danish, Kenya, Hawaii Island, Brazil, east Asia Vietnam, China, west Malaysia, Palestine /Java (Priesner,1960). New record in Iraq.
Phlaeothrips sycomori Priesner, 1936
Material examined: 2 females Abu-Ghraib (Baghdad). 5 .xi.2000. On Imperata *cylindrica* L.

Habitat: Graminivorous.
Distribution: Egypt, Sudan(Priesner, 1936) . New record in Iraq.
Dolicholepta micrurus (Bagnall), 1914
Material examined: 3 females, Al-Zafranyia (Baghdad). 12 .xi. 2002.and 7 female and 3 male. Baghdad / Al-Zafranyia, 12 .xi. 2002.
Habitat: *Imperata cylindrica* L., *Zizyphus spina-christi* (L.) Wild leaves, feeding on fungi.
Distribution: Egypt/ Cairo, and Sudia Arabia, Sudan, Europe, and the Nearctic Region, Oriental region / India (Mound, 1968). New record in Iraq.

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* تسجيل بعض أنواع الثربس الأنبوبي البطن (Phlaeothripidae :Thysanoptera) في بغداد / العراق

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الخلاصة

تم تسجيل اثنا عشرَ من الثربس الأنبوبي البطن تعود إلى عائلة Phlaeothripidae، في العراق.إثنان مِنها مسجلة سابقاً هي: النوع الاول *Haplothrips cerealis* Priesner،مِن قِبل ألحيدري وداود عام ١٩٧١. والنوع الثاني *Haplothrips tritici* kurdjumov سجله العلي عام ١٩٧٧، والبقية تسُجّل لأول مرة في هذه الدراسة وهي:

Haplothrips hukkineni Priesner; Haplothrips subtilissimus (Haliday); Haplothrips reuteri Karny; *Haplothrips jasonis* Priesner; *Haplothrips sallloumensis* Priesner; *Haplothrips pharao* Priesner; *Phlaeothrips sycomri* Priesner; *Karnyothrips flavipus* (Jones); *Karnyothrips melaleucus* (Bagnall); *Dolicholepta micrurus* (Bagnall).

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