

\*NEW RECORD OF THRIPS SPECIES (THYSANOPTERA:  
THRIPIDAE) FROM MIDDLE OF IRAQ

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ABSTRACT

Nineteen thrips species recorded in center of Iraq during 1999-2001, four of them was recorded by El-Haidari & Daoud, 1967; *Thrips tabaci* Lindeman, *Retithrips syriacus* (Mayet), *Parascolothrips prieseri* Mound, *Anaphthrips sudanensis* Trybom. Fifteen species are recorded for the first time in Iraq, *Thrips meridionalis* (Priesner), *Microcephalothrips abdominils*(Crawford), *Scolothrips pallidus* (Beach), *Scolothrips sexmaculatus* (Pergande), *Scritothrips mangiferae* Priesner, *Frankliniella schultzie* Trybom, *Frankliniella unicolor* Morgan, *Frankliniella Tritici* Bagnall, *Retithrips aegypticus* Marchal, *Retithrips javanicus* Mayet, *Taeniothrips gowdeyi* (Bagnall), *Chirothrips meridionalis* Bagnall, *Chirothrips mexicanus* Crawford, *Chirothrips hamatus* Trybom, on different plants, with locality and date, all the specimen was kept in Iraq Nat.Hist. Mus. And buy author.

INTRODUCTION

There are no more study for thrips in Iraq except *Thrips tabaci* (Al-faysali, 1980) and (El-Haidari & Daoud, 1971). Thrips is an important insects, which are causes adamage for plant, and its wailed distribution on many plants (Ullman&German, 1997), transparent a pathogens, (Bacteria, Fungus, Virus), appearing as a pest (Gentry, 1965), as onion thrips and vein thrips (Rivany, 1939). A smaller size, plant speciestion, parthenogenesis, helped to easy distributed (Morison, 1957). But there are some benifianal species predator another small Arthropoda; mite, white fly, insects egg, as *Parascolothrips priesneri* Mound in Iraq, and *Scolothrips sexmaculatus* Priesner. Al-Ali, 1971 was recorded some of these.

Result:

\**Thrips tabaci* Lindeman

- *Thrips tabaci* Lindeman, 1888. Bull. Mosc. 61-75.

42 female, from Baghdad collected in May 1999- March 2000, on, *Gossypium sp.*; *Lycopersicum esculentum*; *Medicago sativa*; *Solanum tuberosum*; *Rosa regosa*; *Allium cepa*; *Anethum graveolens*; *Punica granatum*; and from Dylia ,Oct. 1999; Babylon in June 2000, on the same plants.

\**Thrips meridionalis* (Priesner)

- *Taeniothrips meridionalis* (Pri.) 1926. Did Thysanoptera Europas 2:301.

- *Thrips meridionalis* (Priesner); Bhatti, 1978. Oriental insect. 12(2): 191-193.

50 females from Baghdad collected in Dec. 1999 – Feb. 2000. On *Cucumis sativus*; *Amaryllis sp.*; *Rosa regosa*; *Vicia faba*; *Allium cepa*; *Cardaria lepidium*; *Silybum marianum*.

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\* Apart of M. Sc. Thesis of the first author.

#### New record of Thrips Species

*\*Microcephalothrips abdominalis* (Crawford)

(Composite thrips)

- *Thrips abdominalis* Crawford, 1910. Pomana Coll. J. Ento. 2:157.
- *Microcephalothrips abdominalis* (Crawford); Bailey, 1937. Canada. Ent. 66:122.  
16 females from Baghdad collected in 10-8-1999 on *Chrysanthemum sp.*; *Sorghum vulgare*; and from Dylia in 6-16-1999, on *Helianthus annuus*.

*\*Parascolothrips priesneri* Mound

- *Parascolothrips priesneri* Mound, 1967, Bull. Ent. Res.57: 315-317.  
6 females from Baghdad /Abu-Gharib collected in 28-10-1999, on *Pyrus communis* predator *Stephanits pyri* Fab. (Author).

*\*Scolothrips pallidus* (Beach)

- *Thrips pallidus* Beach, 1896. Iowa. Ac. 3:226.
- *Scolothrips sexmaculatus* (Beach) ;Hinds, 1902, Proc. U.S. Nat. Hist. 26,no. 1310:157.  
3 females from Baghdad /Abu- Gharib collected in 9-10-1999, on *Pyrus communis*; *Nerium oleander*.

*\*Scolothrips sexmaculatus* (Pergandes)

- *Thrips sexmaculatus* Pergande, 1894. Trans. St. Louis. Acad. P. 542.
- Nec. *Scolothrips sexmaculatus* . Acutt.  
3 females from Baghdad collected in 7-6-1999 on *Lageraria sicoraria*.

*\*Scirtothrips mangiferae* Priesner

- *Scirtothrips mangiferae* Priesner, 1932. Bull. Soc. Ent. Egypt. 16:141-155.  
3females from Karblia, collected in 3-4-2000, on *Althea rosea*; *Punica granatum*.

*\*Anaphothrips sudanensis* Trybom

Grass thrips

- *Anaphothrips sudanensis* Trybom, 1911. Results sweed. Zool. Expe. Egypt. 4:1-4.  
16 females from Baghdad collected in August 1999, on leaf sheet of *Zea mays*, and from Dylia in *Vigna radita*; *Zea mays*, in leaf sheet and flowers tip; and on *Sorghum vulgare* in Dec. 1999, collected from Karblia in 2000 on *Hordeum glaucum*.

*\*Retithrips syriacus* (Mayet)

- *Heliothrips syriacus* Mayet, 1890. Insects' de La vigne: 451.
- *Retithrips syriacus* (Mayet); Marchal, 1910. Bull. Soc. Ent. Egypt. 1:17-20.  
100 females, 10 males collected from Baghdad in June 1999 on upper surface *Vitis vinifera* leaves.

*\*Retithrips javancius* Mayet

- *Retithrips javancius* Mayet, 1890. . Insects' de La vigne: 451.  
12 females, 6 males from Baghdad in June 1999 on *Vitis vinifera* leaves and *Lantana sp.*; *Rosa regosa*.

*\*Retithrips aegypticus* Marchal

- *Retithrips aegypticus* Marchal, 1910. Bull. Soc. Ent. Egypt.2: 17-20.  
20 females, from Baghdad Sep. 1999 on upper surface *Vitis vinifera* leaves ;*Citrus aurantium*.

*\*Farnkliniella schultzie* (Trybom)

- *Farnkliniella schultzie* Trybom, 1910. Denksch med. Naturw. Ges. Jena 16:151-154.

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16 females, collected from Baghdad, Dylia during summer & August on many plants. This species wild distribution, have a forms, those in Iraq *f. sulphurea*.

\**Farnkliniella tritici* Bagnall

- *Frankliniella varcorne* Bagnall, 1919. Ann. Mag. nat. Hist. 4:268-270.
- *Farnkliniella tritici f. varcorne* Bagnall,; Moulton, 1948. Revta. Ent. Rio.dej. 19:55-114.  
6 females, collected from Baghdad in Dec. 1999, on *Medicago sativa*; *Rosa regosa*; *Nerium oleander*, have a forms, those in Iraq *f. varcorne*.

\**Farnkliniella unicolor* Morgan

- *Farnkliniella unicolor* Morgan, 1925. Canada. Ent. 57:136-147.  
14 females, collected from Baghdad in 6-9-1999 on *Nerium oleander*; *Chrysanthemum sp.*; *Cuscuta palaestina*; *Helianthus annuus*.

\**Taeniothrips gowdeyi* (Bagnall)

- *Ceratothrips gowdeyi* Bagnall, 1919. Ann. Mag. nat. Hist. (9)4:254-255.
- *Taeniothrips debilis* (Bagnall); Bagnall, 1926. Ann. Mag. nat. Hist. 18:105-106.  
6 females collected from Baghdad in 30-6-1999, on flowers of *Lagernaria sicoraria*.

\**Chirothrips meridionalis* Bagnall

- *Chirothrips meridionalis* Bagnall, 1927. Ann. Mag. nat. Hist. (9)21:566.  
6 females, 5 males, collected from Baghdad in 18-10-1999 on *Sorghum halepense* flowers tip.

\**Chirothrips hamatus* Trybom

- *Chirothrips hamatus* Trybom, 1895. Ent. Tidskr. 15:41-58.  
7 females, collected from Baghdad in 18-10-1999, on flowers tip of *Phragmites communis*.

\**Chirothrips mexicanus* Crawford

- *Chirothrips mexicanus* Crawford, 1910. Pomona. Coll. J. Ent. 1(4):114-115.  
2 females, collected from Baghdad/ Abu-Gharib in Sept.1999 on *Sorghum halepense*.

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س برة ل انم قلد جتلاچ (Thysanoptera : Thripidae) قاعا ل طوي ف

وجح نفلد جف او عید لسر ل ا لمج ل صلحم و\*\*

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#### الخلاصة

لجسد تم ١٩ ترفل خ لعل اط و فيس يترلا م عوز ١٩٩٩-٢٠٠١. تعبراً لهجه  
ال ب بنت لسك و ر لچو ١٩٦٧ ي هو:

*Thrips tabaci* Lindeman, *Retithrips syriacus* (Mayet), *Parascolothrips prieseri* Mound, *Anaphthrips sudanensis* Trybom.

ت جسد اعو رشع سخم و لولأي هو قرع لافي قرم:

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