

Some Heteroptera collected by light trap in Diyarbakır (Turkey)

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Summary

From March through November 1977, some light traps have been used to collect insects in the experimental garden of Regional Plant Protection Research Institute, Diyarbakır. Trapped insects have been counted each morning. Among them only heteropterous species have selected for identification. As a consequence of this study, 87 species of 13 families of Heteroptera have been found by using light traps. From which 5 species [*Acrostemum breviceps* (Jak.) (Pentatomidae); *Campylosteira bosnica* Horv. (Tingidae); *Piocoris arenarius* (Jak.), *Nysius thymi* (Wolff), *Pachybrachius fracticoxis* (Schl.) Lygaeidae]] are new records for Turkey.

Introduction

It is known that many insects are attracted to light at night. By using the light traps are usually taken satisfactory results in the faunistic studies. i.e. Hoberlandt (1961) stated that 37 species of heteropterous insect caught in light traps in Ankara.

The present paper deals the heteropterous species caught in light traps in Diyarbakır in 1977. The trapped species were checked by Hoberlandt (1955, 1961); Stichel (1955, 1959a,b, 1960a,b, 1961); Seidenstücker (1957, 1958, 1960); Wagner (1959, 1966); Linnavuori (1965); Pericart (1972) Önder (1976) and Lodos ve Önder (1978) and decided if they have been found previously in Turkey.

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Material and Method

A light trap was operated continuously by the junior author during the main period of insect activity, from March through November in the experimental garden of Regional Plant Protection Research Institute, Diyarbakır in 1977. The trap used was equipped with a single 100 w electric lamp and attached 1.5 m above the ground. All the trapped insects were mounted and labelled and only heteropterous specimens were sent to the senior author for identification.

Results

The work on this field gave interesting results which are presented as below. The total number of each species are shown in brackets.

Corixidae

Corixa affinis Lch.

Diyarbakır, 14.VII.1977, (1).

Leptopodidae

Patapius spinosus (R.)

Diyarbakır, 4/5.VII.1977, (4); -4.VIII.1977, (1).

Coreidae

Coriomeris hirticornis (F.)

Diyarbakır, 28.VII.1977, (1).

Stenocephalidae

Dicranocephalus setulosus Fr.

Diyarbakır, 1.VII.1977, (1).

Rhopalidae

Liorhyssus hyalinus (F.)

Diyarbakır, 14.VII.1977, (1); -21.VIII.1977, (2); -6.IX.1977, (1); -12/17.IX.1977, (13).

Stictopleurus riveti Ry.

Diyarbakır, 19.V.1977, (1); -12.VI.1977, (1); -22.VII.1977, (1); -10.IX.1977
(2).

Brachycarenum tigrinus (Schl.)

Diyarbakır, 7.VII.1977, (2).

Chorosoma schillingi Schl.

Diyarbakır, 6.VII.1977, (2); -5.VIII.1977, (2); -15.IX.1977, (1).

Reduviidae

Reduvius pallipes (Klug)

Diyarbakır, 6.VII.1977, (2).

Oncocephalus thoracicus Fieb.

Diyarbakır, 23.VI.1977, (1).

Pirates hybridus (Scop.)

Diyarbakır, 6.VIII.1977, (1).

Nabidae

Nabis pseudoferus Rm.

Diyarbakır, 14.V.1977, (1); -5/10.VI.1977, (2); -12/18.VI.1977, (4);
-5.VII.1977, (1).

N. rugosus (L.)

Diyarbakır, 10/16.VI.1977, (9); -29.VII.1977, (1); -24.IX.1977, (1).

N. sareptanus D.

Diyarbakır, 5/10.VI.1977, (10); -12/18.VI.1977, (8); -30.VI.1977, (1);
-17/23.VII.1977, (4); -29.VII.1977, (1); -2.VIII.1977, (1).

Cydnidae

Macroscytus brunneus (F.)

Diyarbakır, 23.IV.1977, (3); -7.VI.1977, (1); -28.VI.1977, (1); -3.VII.1977,
(2); -14.VII.1977, (2); -21/26.VII.1977, (11); -6.VIII.1977, (10); -16.VIII.1977,
(1); -21/29.VIII.1977, (7); -14.IX.1977, (1); -28/29.IX.1977, (3).

Geotomus elongatus (H.-S.)

Diyarbakır, 15.VIII.1977, (1); -15.IX.1977, (1).

Pentatomidae

Acrosternum breviceps (Jak.)

Diyarbakır, 4/5.VIII.1977, (11); -22.VIII.1977, (1); -1.X.1977, (1).
This species is new record for Turkey.

A. heegeri Fieb.

Diyarbakır, 5.VIII.1977, (1).

A. millieri (M.-R.)

Diyarbakır, 22.VIII.1977, (1); -28.IX.1977, (1).

Apodiphus amygdali (Gm.)

Diyarbakır, 3/9.VII.1977, (10); -11.VIII.1977, (1); -22.VIII.1977, (2);
-1.IX.1977, (1).

Eysarcoris inconspicuus (H.-S.)

Diyarbakır, 6.VIII.1977, (1); -15.VIII.1977, (1).

Anthocoridae

Orius laevigatus (Fieb.)

Diyarbakır, 1.VII.1977, (1); -21.VIII.1977, (1).

O. niger (Wolff)

Diyarbakır, 4.VI.1977, (1); -5/10.VII.1977, (2); -23.VII.1977 (1).

O. laticollis (Reut.)

Diyarbakır, 20.III.1977, (1); -15/16.VI.1977, (2); -5.VII.1977, (1);
-16.VII.1977, (1); -29.VII.1977, (1); -4.VIII.1977, (1); -21.VIII.1977, (1).

Tingidae

Stephanitis pyri (F.)

Diyarbakır, 9.VIII.1977, (1); -23.VIII.1977, (1); -6.IX.1977, (1).

Monosteira unicostata (M.-R.)

Diyarbakır, 20.V.1977, (2); -16.VI.1977, (1); -30.VI.1977, (1); -31.VII.1977
(1); -4/9.VII.1977, (16); -21/26.VIII.1977, (15).

Campylosteira bosnica Horv.

Diyarbakır, 12.VI.1977, (1).

This species is not previously recorded from Turkey.

Miridae

Phytocoris loralis Wgn.

Diyarbakır, 12.VI.1977, (1); -20/23.VI.1977, (3); -7.VII.1977, (2);
-19.VII.1977, (1); -11.IX.1977, (1).

Exolygus pratensis (L.)

Diyarbakır, 7/10.VI.1977, (2); -18/20.VI.1977, (2); -5.VII.1977, (3);
-6.VIII.1977, (1); -14.IX.1977, (1); -28.IX.1977, (1).

Orthops kalmi (L.)

Diyarbakır, 24.VI.1977, (1).

Taylorilygus pallidulus (Blch.)

Diyarbakır, 8.VII.1977, (1).

Polymerus cognatus (Fieb.)

Diyarbakır, 8.VII.1977, (1).

Stenodema calcaratum (Fn.)

Diyarbakır, 29.VII.1977, (1).

S. turanicum Reut.

Diyarbakır, 20.III.1977, (2); -19.V.1977, (1); -12.VI.1977, (2); -3.VII.1977
(3); -20.VII.1977, (1); -29.VII.1977, (2); -3/6.VIII.1977, (8); -21/29.VIII.1977,
(10); -5/12.IX.1977, (16); -14/20.IX.1977, (10); -24/28.IX.1977, (9).

Trigonotylus ruficornis (G.)

Diyarbakır, 20.III.1977, (1); -9/17.VI.1977, (20); -20/24.VI.1977, (6);
-7/15.VIII.1977, (2); -8/16.IX.1977, (9).

T. pulchellus (H.)

Diyarbakır, 25.IV.1977, (1); -31.V.1977, (1); -3/10.VI.1977, (6); -12/
16.VI.1977, (15); -20/28.VI.1977, (2); -4/8.VII.1977, (3); -15/19.VII.1977,
(2); -9/17.IX.1977, (2).

Deraeocoris rutilus (H.-S.)

Diyarbakır, 7.VI.1977, (1); -3.VII.1977, (1).

D. pallens Reut.

Diyarbakır, 20.III.1977, (2); -3.V.1977, (1); -3/10.VI.1977, (9); -12/
18.VI.1977, (15); -23/30.VI.1977, (25); -5/8.VII.1977, (2); -10/14.VII.1977,
(3); -7/8.IX.1977, (4); -17.IX.1977, (1).

D. serenus (Dgl. Sc.)

Diyarbakır, 20.III.1977, (1); -15.IV.1977, (1); -25.IV.1977, (1); -30/31.V.1977, (3); -3/11.VI.1977, (14); -12/20.VI.1977, (56); -25/28.VI.1977, (14); -5/8.VII.1977, (8); -14/23.VII.1977, (5); -16/17.IX.1977, (14).

Acrorrhinum conspersum Nh.

Diyarbakır, 20/26.III.1977, (4); -3.VI.1977, (2); -12/19.VI.1977, (17); -23/30.VI.1977, (7); -3/8.VII.1977, (21); -14/16.VII.1977, (6); -25/29.VII.1977 (2); -8.IX.1977, (2); -15/17.IX.1977, (2).

Dicyphus albonasutus Wgn.

Diyarbakır, 5.VII.1977, (1); -21.VIII.1977, (1).

Macrolophus nubilus (H.-S.)

Diyarbakır, 30/31.V.1977, (1); -3/10.VI.1977, (5); -14/20.VI.1977, (8); -24.VI.1977, (1); -5/11.VII.1977, (11); -14/16.VII.1977, (2); -9.VIII.1977, (1); -28.IX.1977, (1).

Brachynotocoris puncticornis Reut.

Diyarbakır, 20.III.1977, (3); -3/10.VI.1977, (9); -12/18.VI.1977, (38); -20/28.VI.1977, (17); -5/7.VII.1977, (12); -15.VII.1977, (1); -3/11.IX.1977, (2); -17.IX.1977, (5).

Orthotylus flavosparsus (C.Sb.)

Diyarbakır, 7.VII.1977, (1).

Pseudoloxops coccineus (M.-D.)

Diyarbakır, 3/10.VI.1977, (8); -14/18.VI.1977, (6); -22/25.VI.1977, (3); -7/10.VII.1977, (3); -16.VII.1977, (1); -2.VIII.1977, (1).

Zanchius alatanus Hob.

Diyarbakır, 23.VII.1977, (1).

Megalocoleus molliculus (Fn.)

Diyarbakır, 30.V.1977, (1); -4/10.VI.1977, (3).

Campylomma annulicornis (Sign.)

Diyarbakır, 10.VI.1977, (1); -7.VII.1977, (1); -15.IX.1977, (1).

C. verbasci (M.-D.)

Diyarbakır, 3.VI.1977, (1); -5.VII.1977, (1); -4.VIII.1977, (1).

C. nicolasi Pt.Reut.

Diyarbakır, 14.VII.1977, (3); -23/31.VII.1977, (9).

C. diversicornis Reut.

Diyarbakır, 10/15.VI.1977, (2); -16.VII.1977, (1); -8/11.IX.1977, (2).

Oncotylus setulosus (H.-S.)

Diyarbakır, 10/16.VI.1977, (18); -29.VIII.1977, (1); -17.IX.1977, (1).

O. viridiflavus (Gz.)

Diyarbakır, 5/12.VI.1977, (3).

Plagiognathus fulvipennis (Kbm.)

Diyarbakır, 3.V.1977, (1); -10/16.VI.1977, (12); -7.VII.1977, (1);
-8.IX.1977, (1).

P. bipunctatus Reut.

Diyarbakır, 25.IV.1977, (1); -3/10.VI.1977, (23); -15/18.VI.1977, (20);
-24/29.VI.1977, (13); -5/10.VII.1977, (25); -15/20.VII.1977, (2); 8.IX.1977, (1).

P. raphani Wgn.

Diyarbakır, 28.V.1977, (1); -7/10.VI.1977, (12); -3.VII.1977, (1).

Psallus ancorifer Fieb.

Diyarbakır, 9/16.VI.1977, (6).

P. lepidus Fieb.

Diyarbakır, 25.IV.1977, (1); -30.V.1977, (1); -4/10.VI.1977, (5).

Nanopsallus carduellus Horv.

Diyarbakır, 4/10.VI.1977, (6); -12/18.VI.1977, (18); -28.VI.1977, (3);
-5.VII.1977, (2); -14/18.VII.1977, (5); -22/31.VII.1977, (4); -23/26.VIII.1977,
(2); -8/16.IX.1977, (3).

Mauradactylus albidus (Klt.)

Diyarbakır, 18.VI.1977, (1); -4.VIII.1977, (1); -26.VIII.1977, (1).

Tuponia unicolor (Sc.)

Diyarbakır, 23/31.VII.1977, (2).

Lygaeidae

Geocoris megacephalus (R.)

Diyarbakır, 30.X.1977, (1).

Piocoris arenarius (Jak.)

Diyarbakır, 14.VI.1977, (1).

This species constitutes a new record for Turkey.

Metopoplax origani (Klt.)

Diyarbakır, 16.IX.1977, (1).

Oxycarenus pallens (H.-S.)

Diyarbakır, 31.VII.1977, (1).

Melanocoryphus superbus (Pol.)

Diyarbakır, 30.X.1977, (1).

Nysius stalianus Horv.

Diyarbakır, 10/16.VI.1977, (7); -6.IX.1977, (1).

N. thymi (Wolff)

Diyarbakır, 15.VI.1977, (1); -15.VII.1977, (1); -28.IX.1977, (1).

This species is a new record for Turkey.

N. punctipennis (H.-S.)

Diyarbakır, 20.III.1977, (1); -19/20.V.1977, (2); -3/10.VI.1977, (8); -12/18.VI.1977, (10); -20/28.VI.1977, (6); -7/14.VII.1977, (45); -15/23.VII.1977, (8); -6/9.VIII.1977, (4); -21.VIII.1977, (3); -6/12.IX.1977, (3); -28.IX.1977, (1).

N. senecionis (Schl.)

Diyarbakır, 15.VI.1977, (1); -3/10.VII.1977, (9); -15/23.VII.1977, (2); -26.VII.1977, (1); -6.VIII.1977, (1); -22.VIII.1977, (1); -11/14.IX.1977, (8).

N. carinata Lb.

Diyarbakır, 14.V.1977, (1); -3/8.VI.1977, (2); -28.VI.1977, (3); -5/11.VII.1977, (9); -14/22.VII.1977, (4); -6.VIII.1977, (2); -24.IX.1977, (1).

N. cymoides (Spin.)

Diyarbakır, 19.V.1977, (1); -30.V.1977, (1); -3/10.VI.1977, (3); -15/17.VI.1977, (3); -28/30.VI.1977, (2); -5/11.VII.1977, (29); -14/15.VII.1977, (3); -21.VIII.1977, (2); -6/14.IX.1977, (6).

N. graminicola (Klt.)

Diyarbakır, 3/10.VI.1977, (7); -12/18.VI.1977, (12); -28.VI.1977, (15); -5/11.VII.1977, (33); -14/22.VII.1977, (22); -6.VIII.1977, (6); -21/23.VIII.1977, (6); -8/14.IX.1977, (11); -15/20.IX.1977, (4).

Lamprodema maurum (F.)

Diyarbakır, 20.III.1977, (1).

Megalonotus setosus Pt.

Diyarbakır, 23.VII.1977, (1); -6.VIII.1977, (1).

M. longipilis (Pt.)

Diyarbakır, 22.VIII.1977, (1); -30.X.1977, (1).

Rhyparochromus reuteri (Horv.)

Diyarbakır, 30.X.1977, (1).

Beosus maritimus (Scop.)

Diyarbakır, 4.VIII.1977, (1).

B. quadripunctatus (Ml.)

Diyarbakır, 15.VI.1977, (1); -8/14.VII.1977, (3); -20/25.VII.1977, (2);
-1.VIII.1977, (1).

Peritrechus gracilicornis Pt.

Diyarbakır, 15.VI.1977, (1); -5/8.VII.1977, (4); -13/20.VII.1977, (4);
-30.X.1977, (1).

Lethaeus picipes (H.-S.)

Diyarbakır, 12.VI.1977, (2); -6.VIII.1977, (1).

L. lethierryi (Pt.)

Diyarbakır, 12.V.1977, (1); -10.VII.1977, (1); -19.VII.1977, (1);
-6.VIII.1977, (2); -22.VIII.1977, (1).

Emblethis verbasci (F.)

Diyarbakır, 23.VII.1977, (1); -1.X.1977, (1).

Tropistethus majusculus Horv.

Diyarbakır, 3.VI.1977, (2); -12/18.VI.1977, (13); -30.VI.1977, (1); -5/
10.VII.1977, (7); -14/22.VII.1977, (7); -6/9.VIII.1977, (11); -21/26.VIII.1977,
(3).

T. holosericeus (Sch.)

Diyarbakır, 20.III.1977, (1); -12/18.VI.1977, (11); -5/10.VII.1977, (18);
-14/21.VII.1977,(7); -26/31.VII.1977,(5); -6/9.VIII.1977,(5); -21/22.VIII.1977
(4).

Camptocera glaberrima (Wk.)

Diyarbakır, 30/31.V.1977, (2); -3.VI.1977, (1); -15.VI.1977, (4); -24/
28.VI.1977, (3); -5/10.VII.1977, (41); -14/22.VII.1977, (19); -2/9.VIII.1977.
(20); -21/26.VIII.1977, (18); -6/11.IX.1977, (3); -28.IX.1977. (1).

Pachybrachius fracticollis (Schl.)

Diyarbakır, 15.VII.1977, (1); -2.VIII.1977, (1).
This species constitutes a new record for Turkey.

Özet

Diyarbakır'da ışık tuzaklarında toplanan bazı Heteroptera türleri

1977 yılının Mart-Kasım ayları arasında Diyarbakır Bölge Zirei Mücadele Araştırma Enstitüsü deneme bahçesinde böcek toplamak amacıyla ışık tuzakları kullanılmış ve bunlarla yakalanan türlerin günlük sayımları yapılmıştır. Toplanan örnekler arasında Heteroptera takımına bağlı türler bu çalışmada ele alınmıştır. Yapılan incelemeler sonunda 13 familyaya bağlı 87 tür saptanmış ve bunlardan 5'inin "*Acrosternum breviceps* (Jak.) (Pentatomidae); *Campylosteria bosnica* Horv. (Tingidae); *Picocoris arenarius* (Jak.), *Nysius thymi* (Wolff), *Pachybrachius fracticollis* (Schl.) (Lygaeidae)" Türkiye için yeni kayıt niteliğinde olduğu belirlenmiştir.

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