



**PRELIMINARY REPORT ON THE CICADOMORPHA (HEMIPTERA)  
FAUNA OF KEMALIYE (ERZINCAN PROVINCE, EAST TURKEY)\***

Emine DEMİR<sup>1</sup> and Ali DEMİRSOY<sup>2</sup>

<sup>1</sup> Uğur Mumcu M., 51 nolu kooperatif, 1626 S., 6/2, Batıkent Ankara, Turkey.

E-mail: eminedemird@yahoo.com

<sup>2</sup> Hacettepe University, Faculty of Science, Department of Biology,  
Beytepe Ankara, Turkey.

E-mail: demirsoy@hacettepe.edu.tr

**Abstract** - Cicadomorpha specimens collected in the years 2006 and 2007 in the Kemaliye (Erzincan province) in east Turkey were examined. 63 species belonging to 7 families were found: 4 species belong to the family Cicadidae, 1 to Tibicinidae, 1 to Cercopidae, 6 Aphrophoridae, 1 to Membracidae, 1 Ulopidae and 49 species to Cicadellidae. Distribution of these species in Turkey and their host plants are given along with their locality records. 52 species records are new to the Kemaliye district, 32 new to Erzincan province and 8 species records are new to eastern Turkey.

KEY WORDS: Hemiptera, Cicadomorpha, fauna, Kemaliye district, eastern Turkey.

**Izvešček** – PREDHODNO POROČILO O FAVNI PODREDA CICADOMORPHA (HEMIPTERA) KEMALIJE (POKRAJINA ERZINCAN, VZHODNA TURČIJA)

Pregledani so bili primerki podreda Cicadomorpha, zbrani v letih 2006 in 2007 v Kemaliji (pokrajina Erzincan) v vzhodni Turčiji. Najdenih je bilo 63 vrst, pripadajočih 7 družinam: 4 vrste pripadajo družini Cicadidae, 1 Tibicinidae, 1 Cercopidae, 6 Aphrophoridae, 1 Membracidae, 1 Ulopidae in 49 vrst družini Cicadellidae. Poleg podatkov o najdiščih je navedena razširjenost teh vrst v Turčiji in njihove hranilne rastline. 52 vrst je prvič najdenih v okraju Kemalija, 32 je novih za pokrajino Erzincan, 8 vrst pa za vzhodno Turčijo.

KLJUČNE BESEDE: Hemiptera, Cicadomorpha, favna, okraj Kemaliye, vzhodna Turčija.

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## Introduction

In the studies of Lodos and Kalkandelen on the Auchenorrhyncha of Turkey (1981a, 1981b, 1981c, 1982a, 1982b, 1983a, 1983b, 1983c, 1984a, 1984b, 1984c, 1984d, 1985a, 1985b, 1985c, 1986a, 1986b, 1986c, 1987a, 1987b, 1987c, 1987d, 1988) 43 Cicadomorpha species from the Erzincan province (East Turkey) and one from the Kemaliye district were recorded. Later, the study of Demir and Demirsoy (2008) presented records of 10 additional species, raising the total species number for the province to 54.

District of Kemaliye (in south Erzincan province), which was selected as the study area, is located in east Turkey, between 38° 15' - 39° 0' eastern longitude and 39° 30' - 39° 0' northern latitude. The elevation ranges between 950 m and 2350 m. 11 Cicadomorpha species were known in the Kemaliye area prior to our study, a compilation of records in the studies of the authors mentioned above.

## Material and Methods

Field studies were carried out in the years 2006 and 2007. 1404 adult Cicadomorpha specimens were collected and analyzed. They were collected by sweeping the herbaceous plants with a net. The material is kept dry in the first author's collection.



**Fig. 1:** Photos of the research area (Kemaliye district). Euphrates and surrounding areas, photo E. Demir.



**Fig. 2:** Sariçiçek Plateau, photo E. Demir.

## Results

Altogether 63 species were found. Along with their distribution in Turkey and the plants found to be their hosts, the examined material of these species is listed below.

### **Suborder CICADOMORPHA**

### **Superfamily CICADOIDEA**

### **Family CICADIDAE**

### **Subfamily CICADINAE**

### **Tribe CICADINI**

### ***Cicadatra atra* (Olivier, 1790)**

**Material examined:** Kemaliye: Kuşak Village (Dere), 06.07.2006, 1♀, 1070 m, Kocaçimen Village (Silk Road), 04.07.2007, 1♂, 1300 m. **Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Bitlis, Edirne, Erzincan, Gaziantep, İstanbul, İzmir, Kahramanmaraş, Muğla, Siirt, Sivas, Şanlıurfa (Fahringer, 1922; Lodos & Kalkan-delen, 1981a).

### ***Cicadatra hyalina* (Fabricius, 1798)**

**Material examined:** Kemaliye: Yeşilyamaç Village (Dere), 08.07.2006, 1♀, 1290 m, Sariçiçek (Mazman Well), 07.07.2006, 3♂♂, 1690 m, Sariçiçek (Mazman Well), 04.07.2007, 1♀, 1650 m, Kocaçimen Village (Silk Road), 04.07.2007, 1♂, 1300 m. **Distribution in Turkey:** Adıyaman, Ankara, Antalya, Elazığ, Erzincan, Gaziantep, Gümüşhane, Hakkari, Hatay, Isparta, İzmir, Konya, Kahramanmaraş, Nevşehir, Niğde,



**Fig. 3:** Munzur mountains Barriers, photo E. Demir.

Siirt, Urfa, Van (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981a; Kartal & Zeybekoğlu, 1999; Demir, 2007a, 2007b).

***Cicadatra persica* Kirkaldy, 1909**

**Material examined:** Kemaliye: Aşağı Umutlu Village, 05.07.2006, 1♂ (N. Kocatepe leg.). **Distribution in Turkey:** Adana, Ankara, Bitlis, Burdur, Gümüşhane, Kahramanmaraş, Malatya (Fahringer, 1922; Dlabola, 1981, Lodos & Kalkandelen, 1981a; Demir, 2007b).

**Subfamily PLATYPLEURINAE**

**Tribe CRYPTOTYMPANINI**

***Lyristes plebejus* (Scopoli, 1763)**

**Material examined:** Kemaliye: Ocak Village (Çeşme), 06.07.2006, 1♂, 1350 m, Kırkgöz, 08.07.2006, 5♂♂ 2♀♀, 1300 m on *Paliarus*. **Distribution in Turkey:** Adana, Ankara, Antalya, Artvin, Aydın, Balıkesir, Bursa, Denizli, Erzincan, Gaziantep, İzmir, İstanbul, Kahramanmaraş, Kırıkkale, Kırklareli, Kütahya, Manisa, Mardin, Muğla (Fahringer, 1922; Dlabola, 1957, 1981; Linnavuori, 1965; Lodos & Kalkandelen, 1981a; Demir, 2007a; Tezcan et al, 2013).

**Family TIBICINIDAE**

**Subfamily TIBICININAE**

**Tribe CICADETTINI**

***Cicadivetta tibialis* (Panzer, 1788)**



**Fig. 4:** Euphrates and surrounding areas, photo E. Demir.

**Material examined:** Kemaliye: Kekikpınarı Village (Köprü), 06.07.2006, 8♂♂ 4♀♀, 1320 m. **Distribution in Turkey:** Ankara, Artvin, Çorum (Lodos & Kalkandelen, 1981a; Demir, 2006a).

### **Superfamily CERCOPOIDEA**

#### **Family CERCOPIDAE**

##### ***Cercopis intermedia* Kirschbaum, 1868**

**Material examined:** Kemaliye: Yeşilyayla Village (Subaşı), 04.06.2007, 1♂, 1350 m, Yeşilyurt Village-Dutluca, 10.06.2006, 1♀, 1000 m, Sarıçiçek (Mazman Well), 02.06.2007, 2♂♂, 6♀♀, 1650 m, Kabataş Village (İkisü Place), 03.06.2007, 2♂♂, 3♀♀, 1550 m, Munzur Mountain (Doymuş Top), 04.06.2007, 1♂, 2350 m, Kuşak Village, 10.06.2006, 1♀, 1100 m, Yeşilyurt Village-Dutluca, 10.06.2006, 2♀♀, 970 m. **Distribution in Turkey:** Adıyaman, Amasya, Artvin, Ankara, Kırıkkale, Balıkesir, Bitlis, Çanakkale, Diyarbakır, Elazığ, Eskişehir, Gaziantep, Giresun, Hakkari, Hatay, Isparta, İzmir, Kayseri, Konya, Kütahya, Kırklareli, Mardin, Maraş, Niğde, Rize, Samsun, Siirt, Trabzon, Urfa, Uşak (Dlabola, 1971; Lodos & Kalkandelen, 1981b; Kartal et al., 1994; Demir, 2006a, 2006b, 2007b).

#### **Family APHROPHORIDAE**

##### ***Lepyronia coleoprata* (Linnaeus, 1758)**

**Material examined:** Kemaliye: Yeşilyurt Village-Dutluca, 10.06.2006, 2♂♂, 1000 m, Kabataş Village (İkisü Place), 03.06.2007, 2♂♂, 3♀♀, 1550 m, Sarıçiçek (Mazman Well), 04.07.2007, 1♀, 1650 m, Kekikpınarı Village (Köprü), 06.07.2006,

1♂, 1♀, 1320 m, Kabataş Village (Pınarbaşı Well), 25.09.2006, 1♀, 1640 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 3♂♂, 1670 m, Kuşak Village (Dere), 06.07.2006, 1♂, 1♀, 1070 m, Kırkgöz, 08.07.2006, 2♂♂, 1300 m, Salihli Village (Opposite of Dump), 09.07.2006, 1♂, 1500 m, Yeşilyurt Village, 10.06.2006, 1♂, 950 m, Kuşak Village, 10.06.2006, 3♂♂, 2♀♀, 1100 m, Yeşilyamaç Village (Geşo Park), 11.06.2006, 1♀, 1320 m. **Distribution in Turkey:** Adana, Afyon, Ankara, Antalya, Artvin, Aydın, Bilecik, Bursa, Çanakkale, Çankırı, Çorum, Diyarbakır, Edirne, Erzincan, Gümüşhane, İzmir, Kars, Kütahya, Maraş, Manisa, Mardin, Muğla, Muş, Sakarya, Siirt, Tokat, Samsun (Fahringer, 1922; Dlabola, 1957; Lodos & Kalkandelen, 1981b; Kartal et al., 1994; Demir, 2004a; Demir, 2006b, 2007a, 2007b).

### *Neophilaenus campestris* (Fallen, 1805)

**Material examined:** Kemaliye: Sarıçiçek (Mazman Well), 02.06.2007, 1♂, 1650 m, Sarıçiçek (Subatan), 11.06.2006, 2♀♀, 1890 m, Başpınar (Konsar Village), 04.06.2007, 1♂, 1468 m, Yeşilyamaç Village (Geşo Park), 11.06.2006, 3♂♂, 1320 m, Yeşilyamaç Village (Geşo Pass), 11.06.2006, 1♀, 1689 m. **Distribution in Turkey:** Adana, Adıyaman, Afyon, Ankara, Antalya, Artvin, Balıkesir, Bitlis, Bursa, Çanakkale, Eskişehir, Giresun, Hatay, İzmir, Kırklareli, Kütahya, Manisa, Muğla, Nevşehir, Samsun, Sinop, Siirt, Trabzon, Van (Linnvuori, 1965; Lodos & Kalkandelen, 1981b; Demir, 2006a, 2006b, 2007a, 2007b).

### *Neophilaenus lineatus* (Linnaeus, 1758)

**Material examined:** Kemaliye: Salihli Village (Opposite of Dump), 09.07.2006, 3♂♂, 1500 m. **Distribution in Turkey:** Afyon, Ankara, Erzincan, İzmir, Nevşehir, Van (Lodos & Kalkandelen, 1981b; Demir, 2006a).

### *Aphrophora alni* (Fallen, 1805)

**Material examined:** Kemaliye: Rabat River (Tunceli border) on *Salix*, 03.07.2007, 1♂, Yeşilyurt Village-Dutluca, 10.06.2006, 1♀, 1000 m on *Salix*, Kekikpınarı Village (Köprü), 06.07.2006, 1♀, 1320 m, Kuşak Village (Dere), 06.07.2006, 1♂, 4♀♀, 1070 m on *Salix*, Kuşak Village, 10.06.2006, 1♀, 1100 m on *Salix*. **Distribution in Turkey:** Afyon, Ankara, Artvin, Aydın, Balıkesir, Bolu, Bitlis, Çanakkale, Çorum, Diyarbakır, Erzincan, Erzurum, Giresun, İstanbul, İzmir, Kayseri, Kırklareli, Konya, Kütahya, Mardin, Muğla, Manisa, Ordu, Rize, Samsun, Sinop, Tekirdağ, Trabzon, Yozgat (Linnvuori, 1965; Lodos & Kalkandelen, 1981b; Kartal et al., 1994; Demir, 2006a).

### *Aphrophora salicina* (Goeze, 1778)

**Material examined:** Kemaliye: Yeşilyurt Village-Dutluca, 10.06.2006, 4♂♂, 2♀♀, 1000 m on *Salix*, Kekikpınarı Village (Köprü), 06.07.2006, 1♀, 1320 m on *Salix*, Kuşak Village (Dere), 06.07.2006, 10♂♂, 11♀♀, 1070 m on *Salix*. **Distribution in Turkey:** Ankara, Balıkesir, Çanakkale, Giresun, Gümüşhane, Kırklareli, Kütahya (Lodos & Kalkandelen, 1981b; Demir, 2006a).

***Philaenus spumarius* (Linnaeus, 1758)**

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 3♂♂, 1♀, Yeşilyayla Village (Hinsoy), 04.06.2007, 1♀, 1500 m, Yuva köy, 03.06.2007, 12♂♂, 3♀♀, 970 m, Yeşilyayla Village (Subaşı), 04.06.2007, 1♂, 1♀, 1350 m, Yeşilyurt Village-Dutluca, 10.06.2006, 13♂♂, 11♀♀, 1000 m, Sarıçiçek (Mazman Well), 02.06.2007, 1♀, 1650 m, Kabataş Village (İkisü Place), 03.06.2007, 11♂♂, 9♀♀, 1550 m, Sarıçiçek (Subatan), 04.07.2007, 1♀, 1890 m, Sarıçiçek (Mazman Well), 04.07.2007, 1♂, 1650 m, Kocaçimen Village (Silk Road), 04.07.2007, 1300 m 2♀♀, Munzur Mountain (Doymuş Top), 04.06.2007, 1♀, 2350 m, Kekikpınarı Village (Köprü), 06.07.2006, 2♂♂, 1320 m, Yeşilyamaç Village (Dere), 08.07.2006, 2♂♂, 1290 m, Yuva Köy, 23.09.2006, 2♂♂, 3♀♀, 970 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 1♂, 2♀♀, 1670 m, Sarıçiçek (Subatan), 07.07.2006, 31♂♂, 18♀♀, 1890 m, Kuşak Village (Dere), 06.07.2006, 2♂♂, 3♀♀, 1070 m, Ocak Village 8, 06.07.2006, 1♂, 2♀, 1480 m, Yuva Village, 08.07.2006, 4♂♂, 2♀♀, 930 m, Yeşilyamaç Village, 12.06.2006, 1♂, 1250 m, Kekikpınar Village, 06.07.2006, 3♀♀, 1070 m, Yeşilyurt Village, 10.06.2006, 10♂♂, 10♀♀, 950 m, Sarıçiçek (Mazman Well), 11.06.2006, 1♀, 1690 m, Kuşak Village, 10.06.2006, 23♂♂, 15♀♀, 1100 m, Yeşilyamaç Village (Geşo Park), 11.06.2006, 2♂♂, 2♀♀, 1320 m, Yeşilyamaç Village (Geşo Pass), 11.06.2006, 1♀, 1689 m. **Distribution in Turkey:** Adana, Ağrı, Amasya, Ankara, Antalya, Artvin, Aydın, Balıkesir, Bartın, Bilecik, Bitlis, Bolu, Bursa, Çanakkale, Elazığ, Eskişehir, Erzincan (Bahçeliköy, Centrum, Çağlayan, Dumanlıdağ, Demirpınar, Refahiye, Üzümlü), Erzurum, Giresun, Gümüşhane, Hakkari, İzmir, İstanbul, Kars, Iğdır, Kırklareli, Kütahya, Kocaeli, Malatya, Manisa, Mardin, Muğla, Ordu, Rize, Samsun, Siirt, Sinop, Sivas, Tekirdağ, Trabzon, Tokat, Van (Fahringer, 1922; Linnvuori, 1965; Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981b; Kartal et al., 1994; Demir, 2004a, 2006a, 2006b, 2007a, 2007b; Tezcan et al, 2013).

**Superfamily MEMBRACOIDEA**

**Family MEMBRACIDAE**

**Subfamily CENTROTINAE**

***Gargara genistae* (Fabricius, 1775)**

**Material examined:** Kemaliye: Kırkgöz, 08.07.2006, 2♂♂, 1300 m. **Distribution in Turkey:** Ankara, Antalya, Aydın, Balıkesir, Çorum, Erzurum, İzmir, Muğla (Dlabola, 1957; Lodos & Kalkandelen, 1981b; Demir, 2006a, 2006b, 2007a).

**Family ULOPIDAE**

***Utecha trivialis* (Germar, 1821)**

**Material examined:** Kemaliye: Yeşilyurt Village, 10.06.2006, 1♀, 950 m. **Distribution in Turkey:** Ağrı, Ankara, Antalya, Bilecik, Çanakkale, Çorum, Denizli, Edirne, Elazığ, Erzurum, Gümüşhane, İzmir, Kastamonu, Malatya, Manisa, Mardin, Muğla, Nevşehir, Rize, Siirt, Sivas, Urfa (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981c; Güçlü & Özbek, 1992; Demir, 2006a, 2006b, 2006c, 2007b).

**Family CICADELLIDAE****Subfamily MEGOPHTPHALMINAE*****Megophthalmus scabripennis* Edwards, 1915**

**Material examined:** Kemaliye: Yuva Köy, 03.06.2007, 1♂, 970 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Bursa, İçel, İzmir, Manisa, Muğla (Dlabola, 1957; Lodos & Kalkandelen, 1981c; Başpınar & Uygun, 1991a; Demir, 2006c).

**Subfamily AGALLIINAE****Tribe AGALLIINI*****Anaceratagallia ribauti* (Ossiannilsson, 1938)**

**Material examined:** Kemaliye: Yeşilyurt Village-Dutluca, 10.06.2006, 1♀, 1000 m, Yuva Village, 08.07.2006, 1♂, 930 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Balıkesir, Bilecik, Çankırı, Erzurum, Hatay, Isparta, İçel, İzmir, Malatya, Mardin, Nevşehir, Samsun, Tekirdağ, Trabzon (Dlabola, 1971; Lodos & Kalkandelen, 1981c; Başpınar & Uygun, 1991a; Güçlü & Özbek, 1992; Demir, 2006a).

**Subfamily PENTHIMIINAE*****Penthimia nigra* (Goeze, 1778)**

**Material examined:** Kemaliye: Yeşilyurt Village-Dutluca, 10.06.2006, 1♀, 970 m. **Distribution in Turkey:** Ankara, Antalya, Bilecik, Isparta, İzmir, Kocaeli, Nevşehir, Sakarya, Tekirdağ, Trabzon (Dlabola, 1971; Lodos & Kalkandelen, 1982b; Demir, 2006b, 2007b).

**Subfamily DORYCEPHALINAE*****Eupelix cuspidata* (Fabricius, 1775)**

**Material examined:** Kemaliye: Yuva Köy, 03.06.2007, 1♂ 4♀♀, 970 m, Yeşilyurt Village-Dutluca, 10.06.2006, 1♂, 1000 m, Munzur Mountain (Doymuş Top), 04.06.2007, 2♂♂, 2350 m, Sarıçiçek (Subatan), 07.07.2006, 1♀, 1890 m, Ocak Village-Kuşak Village, 10.06.2006, 1♂, 1025 m. **Distribution in Turkey:** Adana, Adıyaman, Afyon, Ankara, Antalya, Artvin, Balıkesir, Çanakkale, Diyarbakır, Erzurum, İçel, Konya, Malatya, Mardin, Nevşehir, Niğde, Urfa (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1982b; Başpınar & Uygun, 1991a, Güçlü & Özbek, 1994a; Demir, 2006a, 2006b, 2006c, 2007b).

**Subfamily APHRODINAE*****Aphrodes makarovi* Zachvatkin, 1948**

**Material examined:** Kemaliye: Sarıçiçek (Subatan), 02.06.2007, 1♀, 1890 m, Munzur Mountain (Doymuş Top), 04.06.2007, 2♀♀, 2350 m, Kuşak Village (Dere), 06.07.2006, 1♂, 1070 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Balıkesir (Başpınar & Uygun, 1991b; Demir, 2006a, 2006b, 2006c).

***Anoscopus assimilis* (Signoret, 1879)**

**Distribution in Turkey:** Antalya, Kemaliye (Demir, 2006c; Demir & Demirsoy, 2008).

### Subfamily CICADELLINAE

#### Tribe CICADELLINI

##### *Cicadella viridis* (Linnaeus, 1758)

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 5♂♂, 19♀♀, Yeşilyurt Village-Dutluca, 10.06.2006, 1♂, 1000 m on *Juncus*. **Distribution in Turkey:** Amasya, Artvin, Balıkesir, Bolu, Çanakkale, Diyarbakır, Edirne, Erzincan, Erzurum, İzmir, Kars, Kırklareli, Manisa, Mardin, Muğla, Samsun, Tekirdağ (Linnavuori, 1965; Lodos & Kalkandelen, 1983a; Güçlü & Özbek, 1994a).

### Subfamily TYPHLOCYBINAE

#### Tribe ALEBRINI

##### *Alebra albostriella* (Fallen, 1826)

**Material examined:** Kemaliye: Salihli Village (Opposite of Dump), 09.07.2006, 3♂♂, 36♀♀, 1500 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Artvin, Balıkesir, Bitlis, Bolu, Çorum, Hatay, İzmir, Kayseri, Kırıkkale, Kocaeli, Kütahya, Ordu (Linnavuori, 1965; Dlabola, 1957, 1971, 1981; Lodos & Kalkandelen, 1983b; Demir, 2006a, 2006b, 2006c).

#### Tribe DIKRANEURINI

##### *Micantulina (Mulsantina) stigmatipennis* (Mulsant et Rey, 1855)

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 1♂, 2♀♀, on *Verbascum*, Sarıçiçek (Subatan), 07.07.2006, 1♀ 1890 m on *Verbascum*. **Distribution in Turkey:** Ankara, Antalya, Balıkesir, Burdur, Erzurum, Isparta, İstanbul, İzmir, Manisa, Van (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1983b; Güçlü & Özbek, 1994b; Demir, 2006a, 2006b, 2006c).

#### Tribe EMPOASCINI

##### *Kybos candelabricus* Dlabola, 1958

**Material examined:** Kemaliye: Başpınar (Konsar Village), 04.06.2007, 2♀♀, 1468 m on *Salix*, Yeşilyamaç Village (Geşo Pass), 24.09.2006, 1♂, 4♀♀, 1670 m on *Salix*, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 2♀♀, 1670 m on *Salix*, Kuşak Village (Dere), 06.07.2006, 2♀♀, 1070 m on *Salix*, Yeşilyamaç Village (Geşo Pass), 11.06.2006, 2♂♂, 1♀, 1689 m on *Salix*. **Distribution in Turkey:** Ankara, Erzincan, Kırşehir, Nevşehir, Van, Yozgat (Linnavuori, 1965; Lodos & Kalkandelen, 1983c; Demir, 2006a).

#### Tribe ERYTHRONEURINI

##### *Arboridia spathulata* (Ribaut, 1931)

**Distribution in Turkey:** Kemaliye (Demir & Demirsoy, 2008).

##### *Fruticidia sanguinosa* (Rey, 1891)

**Distribution in Turkey:** Adana, Antalya, Kemaliye (Dlabola, 1957; Demir, 2006c; Demir & Demirsoy, 2008).

***Tamaricella cypria* (Ribaut, 1948)**

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 1♀, on *Tamarix*, Ocak Village-Kuşak Village, 10.06.2006, 1♂, 1025 m on *Tamarix*.  
**Distribution in Turkey:** Ankara, Antalya, Kırıkkale, Malatya (Dlabola, 1981; Lodos & Kalkandelen, 1984c; Demir, 2006c).

**Tribe TYPHLOCYBINI*****Eupteryx pavlovskii* Zachvatkin, 1947**

**Material examined:** Kemaliye: Sarıçiçek (Subatan), 02.06.2007, 1♂, 1890 m, Sarıçiçek (Subatan), 11.06.2006, 1♂, 6♀♀, 1890 m, Sarıçiçek (Subatan), 11.06.2006, 5♀♀, 1890 m, Sarıçiçek (Mazman Well), 04.07.2007, 1♂, 1♀, 1650 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 2♂♂, 1♀, 1670 m. **Distribution in Turkey:** Erzincan (Lodos & Kalkandelen, 1984b).

**Subfamily DELTOCEPHALINAE****Tribe GONIAGNATHINI*****Goniagnathus bolivari* (Melichar, 1907)**

**Material examined:** Kemaliye: Kocaçimen Village (Silk Road), 04.07.2007, 1♂, 1300 m. **Distribution in Turkey:** Adana, Ankara, Edirne, Nevşehir, Urfa (Dlabola, 1957; Linnavuori, 1965; Lodos & Kalkandelen, 1985a).

***Goniagnathus brevis* (Herrich-Schaeffer, 1835)**

**Material examined:** Kemaliye: Sarıçiçek (Subatan), 07.07.2006, 1♀, 1890 m.  
**Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Burdur, Diyarbakır, Edirne, Erzurum, Manisa, Mardin, Niğde, Samsun, Sinop, Tokat (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1985a; Başpınar & Uygun, 1991b; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998; Güçlü & Özbek, 1994c; Demir, 2004b, 2006b, 2007b).

**Tribe OPSIINI*****Opsius cypriacus* Lindberg, 1948**

**Material examined:** Kemaliye: Yuva Köyü, 23.09.2006, 1♂, 1♀, 970 m on *Tamarix*. **Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Artvin, Aydın, Diyarbakır, Edirne, Erzincan, Erzurum, İzmir, Kırıkkale, Kütahya, Malatya, Manisa, Nevşehir, Samsun, Siirt, Van, Yozgat (Linnavuori, 1965; Dlabola, 1981; Lodos & Kalkandelen, 1985a; Demir, 2006c).

***Circulifer haematoceps* (Mulsant et Rey, 1855)**

**Material examined:** Kemaliye: Sarıçiçek (Mazman Well), 02.06.2007, 2♂♂, 1♀, 1650 m, Başpınar (Konsar Village), 04.06.2007, 1♀, 1468 m, Munzur Mountain (Doymuş Top), 04.06.2007, 1♂, 5♀♀, 2350 m, Sarıçiçek (Subatan), 07.07.2006, 2♂♂, 5♀♀, 1890 m, Salihli Village (Opposite of Dump), 09.07.2006, 1♂, 1500 m, Yeşilyamaç Village (Geşo Park), 11.06.2006, 1♂, 1320 m. **Distribution in Turkey:** Adana, Ağrı, Ankara, Antalya, Aksaray, Bitlis, Erzurum, Hakkari, İçel, Konya, Muğla,

Nevşehir, Sivas, Van (Linnavuori, 1965; Kalkandelen, 1974; Dlabola, 1957, 1971, 1981; Lodos & Kalkandelen, 1985a; Başpınar & Uygun, 1991c; Güçlü & Özbek, 1994c; Kartal et al., 2001; Demir, 2004a, 2006c, 2007b).

***Neoliturus fenestratus* (Herrich-Schaeffer, 1834)**

**Material examined:** Kemaliye: Sarıçiçek (Mazman Well), 07.07.2006, 1♂, 1690 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 1♂, 1670 m, Salihli Village (Opposite of Dump), 09.07.2006, 1♂, 2♀♀, 1500 m. **Distribution in Turkey:** Adana, Ağrı, Aksaray, Amasya, Ankara, Antalya, Bolu, Çorum, Diyarbakır, Edirne, Erzurum, Giresun, Gümüşhane, İçel, İzmir, Iğdır, Mardin, Nevşehir, Ordu, Samsun, Sivas, Sinop, Tokat, Urfa, Van (Linnavuori, 1965; Dlabola, 1957, 1981; Kalkandelen, 1974; Lodos & Kalkandelen, 1985a; Başpınar & Uygun, 1991c; Kartal & Zeybekoğlu, 1991; Güçlü & Özbek, 1994c; Zeybekoğlu, 1998; Demir, 2006b, 2006c).

***Neoliturus transversalis* (Puton, 1881)**

**Material examined:** Kemaliye: Yeşilyamaç Village (Geşo Pass), 11.06.2006, 1♂, 1689 m. **Distribution in Turkey:** Ankara, Çorum, Diyarbakır, Erzincan, İzmir, Muş, Siirt, Van (Kalkandelen, 1974; Lodos & Kalkandelen, 1985a).

**Tribe MACROSTELINI**

***Balclutha pellucens* Horvath, 1909**

**Material examined:** Kemaliye: Yeşilyayla Village (Hınsoy), 04.06.2007, 1♀, 1500 m, Yuva Köyü, 03.06.2007, 1♀, 970 m, Yeşilyurt Village-Dutluca, 10.06.2006, 1♂, 1000 m, Sarıçiçek (Subatan), 11.06.2006, 1♂, 1890 m, Başpınar (Konsar Village), 04.06.2007, 1♀, 1468 m, Sarıçiçek (Mazman Well), 07.07.2006, 1♂, 1690 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 1♂, 1670 m, Salihli Village (Opposite of Dump), 09.07.2006, 3♀♀, 1500 m. **Distribution in Turkey:** Adıyaman, Ağrı, Amasya, Ankara, Artvin, Bitlis, Bolu, Burdur, Çankırı, Diyarbakır, Elazığ, Erzincan, Erzurum, Hakkari, Kars, Iğdır, Mardin, Samsun, Van (Lodos & Kalkandelen, 1985b).

***Macrosteles forficula* (Ribaut, 1927)**

**Material examined:** Kemaliye: Salihli Village (Opposite of Dump), 09.07.2006, 1♂, 1500 m. **Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Bolu, Erzincan (Iliç, Refahiye), Erzurum, Samsun, Sinop, Van (Dlabola, 1957, 1981; Kalkandelen, 1974; Lodos & Kalkandelen, 1985b; Güçlü & Özbek, 1994d; Zeybekoğlu, 1998; Demir, 2006c).

***Macrosteles laevis* (Ribaut, 1927)**

**Material examined:** Kemaliye: Sarıçiçek (Subatan), 11.06.2006, 41♂♂, 43♀♀, 1890 m. **Distribution in Turkey:** Adana, Afyon, Amasya, Ankara, Artvin, Bitlis, Burdur, Giresun, Hakkari, Karaman, Konya, Malatya, Nevşehir, Ordu, Rize, Sakarya, Samsun, Sinop, Tokat, Trabzon, Van (Kalkandelen, 1974; Dlabola, 1957, 1971, 1981; Lodos & Kalkandelen, 1985b; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998; Kartal et al., 2001).

***Macrosteles sexnotatus* (Fallen, 1806)**

**Material examined:** Kemaliye: Sarıçiçek (Subatan), 02.06.2007, 1♀, 1890 m, Sarıçiçek (Subatan), 11.06.2006, 138♂♂, 86♀♀, 1890 m. **Distribution in Turkey:** Aydın, Ağrı, Amasya, Ankara, Artvin, Bolu, Çankırı, Diyarbakır, Düzce, Erzurum, Giresun, Hakkari, İzmir, Konya, Nevşehir, Ordu, Rize, Samsun, Sinop, Tokat, Trabzon, Van (Kalkandelen, 1974; Lodos & Kalkandelen, 1985b; Kartal et al., 2001; Güçlü & Özbek, 1994d; Zeybekoğlu, 1998).

**Tribe DORATURINI*****Doratura stylata* (Boheman, 1847)**

**Material examined:** Kemaliye: Sarıçiçek (Mazman Well), 04.07.2007, 1♀, 1650 m, Kocaçimen Village (Silk Road), 04.07.2007, 2♂♂, 1♀, 1300 m, Karanlık Canyon (Venkağ Top), 09.07.2006, 2♂♂, 1♀, 1400-1680 m. **Distribution in Turkey:** Amasya, Ankara, Erzurum, Gümüşhane, Kars, Ordu, Samsun, Sinop, Tokat, Van (Kalkandelen, 1974; Lodos & Kalkandelen, 1985c; Kartal & Zeybekoğlu, 1991; Güçlü & Özbek, 1994c; Zeybekoğlu, 1998).

**Tribe ATHYSANINI*****Platymetopius cruentatus* Haupt, 1927**

**Material examined:** Kemaliye: Yeşilyamaç Village (Geşo Pass), 24.09.2006, 5♂♂, 3♀♀, 1670 m on *Euphorbia*. **Distribution in Turkey:** Adana, Ankara, Muğla, Nevşehir (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1986b; Başpınar & Uygun, 1992a).

***Platymetopius henribauti* Dlabola, 1961**

**Material examined:** Kemaliye: Ocak Village 8, 06.07.2006, 1♂, 1480 m, Ocak Village-Kuşak Village, 10.06.2006, 1♀, 1025 m. **Distribution in Turkey:** Ankara, Antalya, Balıkesir, Konya, Kütahya, Sivas (Kalkandelen, 1974; Dlabola, 1981; Lodos & Kalkandelen, 1986b; Demir, 2006b, 2006c, 2007b).

***Platymetopius obsoletus* (Signoret, 1880)**

**Distribution in Turkey:** Antalya, Kemaliye, Samsun (Lodos & Kalkandelen, 1988; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998; Demir & Demirsoy, 2008).

***Platymetopius manfredi* Abdul-Nour, 1987**

**Distribution in Turkey:** Kemaliye, Tokat (Kartal & Zeybekoğlu, 1991; Demir & Demirsoy, 2008).

***Phlepsius intricatus* (Herrich-Schaeffer, 1838)**

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 1♂, Yeşilyurt Village-Dutluca, 10.06.2006, 1♀, 1000 m, Kabataş Village (Pınarbaşı Well), 25.09.2006, 1♀, 1640 m. **Distribution in Turkey:** Amasya, Ankara, Antalya, Bartın, Bolu, Çanakkale, Diyarbakır, Isparta, İzmir, Kars, Kırşehir, Malatya, Mardin, Muğla, Nevşehir, Samsun, Trabzon (Linnavuori, 1965; Kalkandelen, 1974; Lodos & Kalkandelen, 1986c; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998; Demir, 2006b, 2006c).

### ***Hardya anatolica* Zachvatkin, 1946**

**Material examined:** Kemaliye: Yeşilyayla Village (Hınsoy), 04.06.2007, 10♂♂, 6♀♀, 1500 m, Sarıççek (Subatan), 02.06.2007, 10♂♂, 11♀♀, 1890 m, Yuva Köy, 03.06.2007, 1♀, 970 m, Yeşilyayla Village (Subaşı), 04.06.2007, 2♀♀, 1350 m, Sarıççek (Mazman Well), 02.06.2007, 4♂♂, 2♀♀, 1650 m, Sarıççek (Subatan), 11.06.2006, 3♂♂, 6♀♀, 1890 m, Sarıççek (Subatan), 11.06.2006, 3♂♂, 4♀♀, 1890 m, Kabataş Village (İkisu Place), 03.06.2007, 1♂, 1550 m, Sarıççek (Mazman Well), 04.07.2007, 1♂, 1650 m, Munzur Mountain (Doymuş Top), 04.06.2007, 4♂♂, 26♀♀, 2350 m, Kabataş Village (Pınarbaşı Well), 25.09.2006, 5♂♂, 2♀♀, 1640 m, Sarıççek (Subatan), 07.07.2006, 2♂♂, 9♀♀, 1890 m, Ocak Village 8, 06.07.2006, 1♀, 1480 m, Sarıççek (Mazman Well), 11.06.2006, 1♀, 1690 m. **Distribution in Turkey:** Adıyaman, Ankara, Antalya, Balıkesir, Bolu, Elazığ, Erzincan, Erzurum, Isparta, İzmir, Kayseri, Kırşehir, Karaman, Malatya, Nevşehir, Ordu (Zachvatkin, 1946; Dlabola, 1957, 1981; Linnavuori, 1965; Kalkandelen, 1974; Dlabola, 1981; Lodos & Kalkandelen, 1987a; Güçlü & Özbek, 1994e; Demir, 2004a, 2006a, 2006b, 2006c, 2007b).

### ***Stenometopiellus angorensis* Zachvatkin, 1946**

**Material examined:** Kemaliye: Sarıççek (Subatan), 02.06.2007, 1♂, 1890 m, Sarıççek (Subatan), 11.06.2006, 2♀♀, 1890 m, Sarıççek (Subatan), 11.06.2006, 1♀, 1890 m, Munzur Mountain (Doymuş Top), 04.06.2007, 1♂, 2350 m, Karanlık Canyon (Venkağ Top), 09.07.2006, 1♂, 1400-1680 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 1♀, 1670 m, Sarıççek (Subatan), 07.07.2006, 1♀, 1890 m, Salihli Village (Opposite of Dump), 09.07.2006, 2♂♂, 1500 m. **Distribution in Turkey:** Ağrı, Ankara, Bitlis, Diyarbakır, Erzincan, Erzurum, Hakkari, Iğdır, Kars, Konya, Malatya, Nevşehir, Urfa, Van (Zachvatkin, 1946; Kalkandelen, 1974; Lodos & Kalkandelen, 1987a; Güçlü & Özbek, 1994e; Kartal et al., 2001).

### ***Rhopalopyx vitripennis* (Flor, 1861)**

**Distribution in Turkey:** Ankara, Kemaliye, Konya (Kalkandelen, 1974; Lodos & Kalkandelen, 1987a; Demir & Demirsoy, 2008).

### ***Cicadula (Henriana) lineatopunctata* (Matsumura, 1908)**

**Material examined:** Kemaliye: Sarıççek (Mazman Well), 02.06.2007, 5♂♂, 4♀♀, 1650 m, Sarıççek (Subatan), 11.06.2006, 1♀, 1890 m, Çanakçı Village, 02.06.2007, 1♂, 1400 m, Kuşak Village (Dere), 06.07.2006, 1♀, 1070 m, Salihli Village (Opposite of Dump), 09.07.2006, 1♂, 1♀, 1500 m, Sarıççek (Mazman Well), 11.06.2006, 1♂, 1690 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Aydın, Balıkesir, Bolu, Düzce, Bursa, Çankırı, Çankırı, Diyarbakır, Erzincan (Centre), Erzurum, İzmir, Malatya, Mardin, Sakarya, Sinop, Urfa (Kalkandelen, 1974; Dlabola, 1957, 1981; Lodos & Kalkandelen, 1987a; Güçlü & Özbek, 1994e; Demir, 2006a, 2006c).

### ***Cicadula (s. str.) quadrinotata* (Fabricius, 1794)**

**Material examined:** Kemaliye: Kuşak Village (Dere), 06.07.2006, 1♂, 1070 m. **Distribution in Turkey:** Ankara, Bolu, Çankırı, Sakarya (Kalkandelen, 1974; Lodos & Kalkandelen, 1987a).

***Handianus ignoscus* (Melichar, 1896)**

**Distribution in Turkey:** Ankara, Kemaliye (Dlabola, 1957; Demir & Demirsoy, 2008).

***Conosanus obsoletus* (Kirschbaum, 1858)**

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 3♂♂, 2♀♀, Karanlık Canyon (Venkağ Top), 09.07.2006, 3♂♂, 1♀, 1400-1680 m, Salihli Village (Opposite of Dump), 09.07.2006, 2♂♂, 3♀♀, 1500 m. **Distribution in Turkey:** Adana, Ankara, Aydın, Balıkesir, Bolu, Düzce, Erzurum, İzmir, Kırşehir, Niğde (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987b; Başpınar & Uygun, 1992b, Güçlü & Özbek, 1994f; Demir, 2004a, 2006b).

***Euscelis incisus* (Kirschbaum, 1858)**

**Material examined:** Kemaliye: Sarıçiçek (Mazman Well), 02.06.2007, 1♀, 1650 m, Sarıçiçek (Subatan), 07.07.2006, 1♀, 1890 m, Yuva Village, 08.07.2006, 8♂♂, 3♀♀, 930 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Balıkesir, Burdur, Edirne, Eskişehir, Erzurum, Isparta, İçel, İstanbul, Kayseri, Kocaeli (Fahringer, 1922, Dlabola, 1957; Kalkandelen, 1974; Başpınar & Uygun, 1992b, Güçlü & Özbek, 1994f; Demir, 2004a, 2006a, 2006b, 2006c, 2007b).

***Artianus manderstjernii* (Kirschbaum, 1868)**

**Material examined:** Kemaliye: Yuva Köyü, 03.06.2007, 1♂, 970 m, Sarıçiçek (Mazman Well), 04.07.2007, 1♂, 1650 m, Karanlık Canyon (Venkağ Top), 09.07.2006, 1♀, 1400-1680 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 1♂, 1♀, 1670 m, Kuşak Village (Dere), 06.07.2006, 1♂, 1♀, 1070 m. **Distribution in Turkey:** Ağrı, Ankara, Antalya, Balıkesir, Çankırı, Diyarbakır, Edirne, Gaziantep, İzmir, Kırklareli, Urfa, Van, Zonguldak (Dlabola, 1957, Kalkandelen, 1974; Lodos & Kalkandelen, 1987b; Demir, 2004a, 2006a, 2006b, 2006c, 2007b).

***Zercanus rubroocellatus* Dlabola, 1965**

**Distribution in Turkey:** Adana, Antalya, Kemaliye (Lodos & Kalkandelen, 1987b; Demir, 2006c; Demir & Demirsoy, 2008).

**Tribe PARALIMNINI*****Arocephalus* (s. str.) *longiceps* (Kirschbaum, 1868)**

**Material examined:** Kemaliye: Yeşilyayla Village (Subaşı), 04.06.2007, 2♂♂, 1350 m, Kabataş Village (İkisü Place), 03.06.2007, 1♂, 1550 m, Munzur Mountain (Doymuş Top), 04.06.2007, 1♀, 2350 m, Kabataş Village (Pınarbaşı Well), 25.09.2006, 1♂, 1♀, 1640 m, Yeşilyamaç Village (Geşo Pass), 11.06.2006, 1♀, 1689 m. **Distribution in Turkey:** Ankara, Bolu, Erzincan, Erzurum, Hakkari, İzmir, Konya (Lodos & Kalkandelen, 1987c; Güçlü & Özbek, 1995; Kartal et al., 2001).

***Psammotettix alienus* (Dahlbom, 1850)**

**Material examined:** Kemaliye: Rabat River (Tunceli Border), 03.07.2007, 6♂♂, 6♀♀, Sarıçiçek (Subatan), 02.06.2007, 10♂♂, 36♀♀, 1890 m, Yuva Village,

03.06.2007, 4♂♂, 5♀♀, 970 m, Sarıçiçek (Mazman Well), 02.06.2007, 12♂♂, 8♀♀, 1650 m, Sarıçiçek (Subatan), 11.06.2006, 14♂♂, 23♀♀, 1890 m, Sarıçiçek (Mazman Well), 07.07.2006, 2♂♂, 1690 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 5♂♂, 4♀♀, 1670 m, Sarıçiçek (Subatan), 07.07.2006, 12♂♂, 12♀♀, 1890 m, Salihli Village (Opposite of Dump), 09.07.2006, 36♂♂, 40♀♀, 1500 m. **Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Balıkesir, Bolu, Bursa, Diyarbakır, Erzincan (Centre, Çağlayan, Dumanlı Mountain, Refahiye), Erzurum, Hakkari, Iğdır, İçel, Kastamonu, Konya, Malatya, Mardin, Muş, Nevşehir, Sakarya, Siirt, Sinop, Uşak, Van, Yozgat (Kalkandelen, 1974; Dlabola, 1971, 1981; Lodos & Kalkandelen, 1987c; Kartal & Zeybekoğlu, 1991; Kartal et al., 2001; Demir, 2004a, 2006a, 2006b, 2006c, 2007b).

***Psammotettix confinis* (Dahlbom, 1850)**

**Material examined:** Kemaliye: Yuva Village, 03.06.2007, 1♂, 970 m, Yeşilyurt Village-Dutluca, 10.06.2006, 3♂♂, 2♀♀, 1000 m, Sarıçiçek (Mazman Well), 02.06.2007, 6♂♂, 2♀♀, 1650 m, Kuşak Village (Dere), 06.07.2006, 1♂, 1070 m. **Distribution in Turkey:** Adana, Ağrı, Ankara, Antalya, Balıkesir, Bitlis, Erzincan (Centre, Altıntepe, Çağlayan, Kovalık, Ilıç, Refahiye, Üzümlü), Edirne, Erzurum, Giresun, Hakkari, Iğdır, Isparta, Konya, Ordu, Samsun, Sivas, Van (Dlabola, 1957, 1971; Kalkandelen, 1974; Lodos & Kalkandelen, 1987c; Kartal & Zeybekoğlu, 1991; Güçlü & Özbek, 1995; Kartal et al., 2001; Demir, 2006a, 2006c).

***Psammotettix poecilus* (Flor, 1861)**

**Distribution in Turkey:** Kemaliye, Tokat (Zeybekoğlu, 1998; Demir & Demirsoy, 2008).

***Psammotettix provincialis* (Ribaut, 1925)**

**Material examined:** Kemaliye: Yeşilyayla Village (Subaşı), 04.06.2007, 2♂♂, 3♀♀, 1350 m, Karanlık Canyon (Venkağ Top), 09.07.2006, 1♂, 1♀, 1400-1680 m, Kuşak Village (Dere), 06.07.2006, 1♂, 1♀, 1070 m, Yuva Village, 08.07.2006, 1♂, 930 m, Salihli Village (Opposite of Dump), 09.07.2006, 9♂♂, 7♀♀, 1500 m, Sarıçiçek (Mazman Well), 11.06.2006, 3♂♂, 6♀♀, 1690 m. **Distribution in Turkey:** Adana, Ankara, Antalya, Bolu, Çankırı, Diyarbakır, Edirne, Erzurum, İstanbul, İzmir, Kayseri, Konya, Muğla, Nevşehir, Sakarya, Samsun, Van (Dlabola, 1957, Kalkandelen, 1974; Lodos & Kalkandelen, 1987c; Kartal & Zeybekoğlu, 1991; Başpınar & Uygun, 1992b, Güçlü & Özbek, 1995; Demir, 2006b, 2006c, 2007b; Tezcan et al, 2013).

***Ebarrius cognatus* (Fieber, 1869)**

**Material examined:** Kemaliye: Munzur Mountain (Doymuş Top), 04.06.2007, 1♂, 2350 m. **Distribution in Turkey:** Amasya, Ankara, Antalya, Bolu, Çankırı, Erzincan (Kemaliye), Erzurum, Kars, Kayseri, Niğde, Samsun, Sinop, Van (Dlabola, 1957, 1981; Kalkandelen, 1974; Lodos & Kalkandelen, 1987d; Güçlü & Özbek, 1995; Demir, 2004a, 2006b, 2006c).

***Diplocolenus bekiri* Kalkandelen, 1972**

**Material examined:** Kemaliye: Çanakçı Village, 02.06.2007, 19♂♂, 8♀♀, 1400 m, Sarıçiçek (Subatan), 07.07.2006, 1♀, 1890 m. **Distribution in Turkey:** Ankara, Erzurum, Samsun (Kalkandelen, 1974; Lodos & Kalkandelen, 1987d; Kartal & Zeybekoğlu, 1991; Güçlü & Özbek, 1995).

***Rhoananus hypochlorus* (Fieber, 1869)**

**Material examined:** Kemaliye: Sarıçiçek (Mazman Well), 04.07.2007, 2♀♀, 1650 m, Sarıçiçek (Mazman Well), 07.07.2006, 1♂, 1♀, 1690 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 4♀♀, 1670 m, Yeşilyamaç Village (Geşo Pass), 08.07.2006, 4♀♀, 1670 m. **Distribution in Turkey:** Ankara, Bitlis, Erzurum, Eskişehir, Iğdır, Kars, Van (Kalkandelen, 1974; Lodos & Kalkandelen, 1987d).

***Mocuellus foxi* Kalkandelen, 1972**

**Distribution in Turkey:** Ankara, Kemaliye, Yozgat (Kalkandelen, 1974; Lodos & Kalkandelen, 1987d; Demir & Demirsoy, 2008).

**Discussion**

Our study is the first contribution to the knowledge of the Cicadomorpha fauna of the Kemaliye district. Until now, fifty four species have been known from the Erzincan province including the Kemaliye district. Fifty two of sixty three determined species are new to the Erzincan province and the number of species known from the research area increased to hundred six. *Cicadivetta tibialis* (Panzer, 1788), *Aphrophora salicina* (Goeze, 1778), *Megophthalmus scabripennis* Edwards, 1915, *Penthimia nigra* (Goeze, 1778), *Aphrodes makarovi* Zachvatkin, 1948, *Goniagnathus bolivari* (Melichar, 1907), *Platymetopius cruentatus* Haupt, 1927 and *Platymetopius henribauti* Dlabola, 1961 are recorded for the first time in the eastern Turkey.

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