

## CONTRIBUTIONS TO THE KNOWLEDGE OF TURKISH AUCHENORRHYNCHA WITH TWELVE NEW RECORDS (HOMOPTERA: CICADELLIDAE)

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**ABSTRACT:** In this study, 5225 samples of Cicadellidae specimen collected from Antalya region in south-west Turkey during field studies in the years 1999 and 2001-2003 are examined. 111 species are found to be distributed in this region. Distribution of these species in Turkey and their host plants are given along with their locality records. 79 of these examined species are new records for Antalya and *Macropsis albae* Wagner, 1950, *Iassus pseudocerris* Abdul-Nour, 1998, *Anoscopus assimilis* (Signoret, 1879), *Ribautiana cruciata* (Ribaut, 1931), *Eupteryx insulana* (Ribaut, 1948), *Euscelis alsioides* Remane, 1967, *Fieberiella chioscola* Meyer-Arndt, 1988, *Paralimnellus cingulatus* (Dlabola, 1960), *Paralimnus phragmitis* (Boheman, 1847), *Laminacutus libanensis* Abdul-Nour, 2001, *Platymetopius enatus* Dlabola, 1974 and *Psammotettix nodosus* (Ribaut, 1925) are new records for Turkey's fauna.

**Key words:** Homoptera, Auchenorrhyncha, Cicadellidae, fauna, new record, Turkey.

Turkey's first faunistic records of Cicadellidae family are given by Fahringer (1922), Haupt (1930), Kerville (1939), Zachvatkin (1937, 1946), Dlabola (1957, 1963, 1971a, 1971b, 1974, 1979, 1981, 1985), Linnavuori (1965), Dworakowska (1969, 1970, 1971, 1972, 1976, 1982) Kalkandelen (1972, 1974, 1980, 1985) and Kartal (1981, 1983). Lodos and Kalkandelen (1981-1988) compiled the faunistic records of their studies up to 1988 and stated that 423 Cicadellidae species were distributed in Turkey, in the checklist they prepared. Later, the studies of Abdul-Nour (1988), Meyer-Arndt (1988), Kartal (1988), Kartal and Zeybekoğlu (1991, 1992, 1994a, 1994b, 1997), Zeybekoğlu (1996, 1998), Zeybekoğlu and Bulut (2000), Kartal, Zeybekoğlu and Dursun (2001), Başpınar and Uygun (1991a, 1991b, 1991c, 1992a, 1992b), Güçlü and Özbek (1994, 1995), Demir (2004a, 2004b, 2005a, 2005b) added 38 records of species belonging to Cicadellidae. According to the literature, 461 species of Cicadellidae were known to be distributed in Turkey.

The province of Antalya, which is selected as the study area, is located on the Mediterranean coastline in southwest Turkey, between 29° 15' - 32° 36' eastern longitudes and 36° 06' - 37° 27' northern latitudes. The elevation ranges between 0 and 3070 m. This province is important because of its biological diversity with four national parks and three nature protection areas; namely, Olympos Beydağları Coastal National Park, Termessos Güllük Mountain National Park, Köprülü Kanyon National Park, Altınbeşik National Park, Çıglıkara Nature Protection Area, Dibek Nature Protection Area and Alacadağ Nature Protection Area.

28 Cicadellidae species were found to be distributed in the study area, as a result of compilation of the records in the studies of the authors mentioned above.

**Climate of the Study Area:** The region is under the influence of Mediterranean climate that is an outer tropical climate, in which photoperiodism is daily and seasonal, precipitation occurs mostly in cold or relatively colder seasons, summer is the dry period and summer drought coincides with maximum summer temperature. All the stations except Gazipaşa (796.3 mm), which is the easternmost station, receive precipitation over 1000mm, according to Akman (1995). On the coastline, 60-65% of precipitation is received in winter and 0.5-2% in summer.

**Vegetation of the Study Area:** There are communities dominated by *Pinus brutia* forest, garrigue and maquis along the coastline at approximately up to 1000 m above sea level, although they are damaged by humans in many places. *Pinus brutia* can sometimes be seen above 1000 meters and on the coast it is mixed with *Pinus pinea*. *Ceratonia siliqua*, *Pistacia lentiscus*, *Euphorbia dendroides*, *Myrthus communis*, *Clematis cirrhosa*, *Rubia tinctoria*, *Teucrium creticum* and *Capparis spinosa* are examples of common characteristic species of the coastline. Examples of common characteristic species of the zone just above the coastline are *Quercus coccifera*, *Pistacia terebinthus* ssp. *palaestina*, *Crataegus aronia* ssp. *aronia*, *Fontanesia philliraeoides*, *Rhamnus oleoides* ssp. *graecus*, *Arbutus andrachne*, *Melica eligulata*, *Eryngium falcatum* and *Rubia tenuifolia*. On the eastern half of the region at elevations 1500m and higher, there are forests comprising of *Cedrus libani*, *Abies cilicica*, *Pinus nigra* ssp. *pallasiana*, *Quercus infectoria* ssp. *boissieri*, *Quercus libani*, *Juniperus excelsa*, and *Juniperus drupacea*. The western parts of the region is covered with *Cedrus libani* forests at elevations 1500m and higher. Although cedars here show floristic structure, blackpine forests are extremely poor. *Lonicera nummulariifolia* ssp. *glandulifera*, *Digitalis cariensis* and *Acer hyrcanum* ssp. *sphaerocaryum* are examples of characteristic species in this part, Akman (1995).

## MATERIALS AND METHODS

Field studies in 143 different localities were executed in the months March-October in the years 1997-1999 and 2001-2003. In this study, 5225 adult Cicadellidae samples were collected and analyzed. Samples were collected by sweeping the plants with a wooden shaft net and the host plants of samples collected from only one species of plant are determined. Homopterans, found in the net after sweeping were vacuumed with an aspirator. The samples in the aspirator were then killed in ethyl acetate in a jar and put in standard envelopes and prepared according to the standard methods to produce museum material. The studied samples are preserved in the collection of the author.

## RESULTS

It is found that there are 111 species of Cicadellidae family in the study area. Along with their distribution in Turkey and the plants found to be their host, the examined materials of these species are given as a list, below. 79 of these examined species are new records for Antalya and 12 are new records for Turkey (see Table 1).

### Family: Cicadellidae

#### Subfamily: Ulopinae

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

**Material:** Gazipaşa, Çalpinar, 25 m, 12.05.2001 1♀; Güllük Dağı, Araştırma Ormanı, 750 m, 21.05.2002 2♂1♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Ağrı, Ankara, Bilecik, Çanakkale, Çorum, Denizli, Edirne, Elazığ, Gümüşhane, İzmir, Kastamonu, Malatya, Manisa, Mardin, Muğla, Nevşehir, Rize, Siirt, Sivas, Urfa (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981; Demir, 2006). **Remarks:** New for Antalya.

#### Subfamily: Megophthalminae

##### *Megophthalmus scabripennis* Edwards, 1915

**Material:** Akseki, Geriş, 700 m, 17.04.2001 1♂; Manavgat, Demirciler, 105 m, 22.04.2002 2♂1♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Bursa, İzmir, Manisa, Mersin, Muğla (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981; Başpınar & Uygun, 1991a). **Remarks:** New for Antalya.

#### Subfamily: Macropsinae

##### *Macropsis albae* Wagner, 1950

**Material:** Elmalı, Çobanisa, 1240 m, 27.07.1999 6♀; Akçay, 1210 m, 13.07.2002 1♀; Gümüşyaka, 1220 m, 13.07.2002 4♀; Korkuteli, Koru Dağı, Kartal Yaylası, 1600 m, 23.06.2002 1♂2♀; Güllük Dağı, Araştırma Ormanı, 550 m, 19.07.2002 1♀. On *Salix*. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

##### *Macropsis graminea* (Fabricius, 1798)

**Material:** Elmalı, Akçay, 1100 m, 28.07.1999 1♀. On *Populus*. **Distribution in Turkey:** Adıyaman, Ağrı, Ankara, Bitlis, Çanakkale, Diyarbakır, Edirne, Elazığ, Eskişehir, Gümüşhane, Kahramanmaraş, Kırklareli, Konya, Kütahya, Manisa, Tokat, Trabzon, Tunceli, Van (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981; Demir, 2006). **Remarks:** New for Antalya.

#### Subfamily: Agalliinae

##### *Anaceratagallia laevis* (Ribaut, 1935)

**Material:** Gündoğmuş, Serinyaka, 700 m, 25.07.1999 4♂; Manavgat, Bucakşeyhler, 18-28.06.1997 1♂4♀; Çayyazı, 20.07.1999 2♂2♀; Manavgat, 10 m, 20.07.1999 1♂1♀; Demirciler, 65 m, 21.07.1999 2♀; Karaöz, 20 m, 22.07.1999 1♀; Bucakşeyhler, 30 m, 23.07.1999 2♀; Bucakşeyhler, 24.07.1999 1♂1♀; Bucakşeyhler, 13.08.1999 5♂10♀; Demirciler, 10 m, 17.08.1999 2♂; Elmalı, 1080 m, 28.07.1999 2♂1♀; Manavgat, 10.08.1999 1♀; Alanya, Obaköy, 25 m, 12.08.1999 1♀; Manavgat, Belenobası, 130 m, 15.04.2001 1♂; Manavgat-Çeltikçi, 14.04.2001 1♀; Alanya, Okurcalar, 12.05.2001 3♂4♀; Gazipaşa, Çalpinar, 25 m, 12.05.2001 1♂1♀; Manavgat, Demirciler, 105 m, 11.05.2001 1♀; Demirciler, 40 m, 11.05.2001 1♀; Alanya, Keşefli, 12.05.2001 1♂; Manavgat, Beşkonak, 145 m, 07.06.2001 4♂; Demirciler, 65 m, 05.06.2001 1♂; Kemer, 06.06.2001 2♀; Manavgat, Bucakşeyhler, 45 m, 19.07.2001 2♀; Alanya, Kargıcak, 21.07.2001 1♀; Gündoğmuş, Çiçekoluk, 960 m, 25.07.2001 1♂1♀; Manavgat, Bucakşeyhler, 70 m, 23.04.2002 3♂; Demirciler, 20 m, 18.05.2002 1♀; Güllük Dağı, Araştırma Ormanı, 750 m, 21.05.2002 1♂; Manavgat, Demirciler, 40 m, 20.06.2002 1♂2♀; Demirciler, 65 m, 15.07.2002 3♂2♀; Alanya, Kargıcak, 22.08.2002 1♀; Kemer, Ovacık, 1150 m, 20.08.2002 1♂; Finike, Yeşilyurt,

18.04.2001 1♂3♀; Kemer, Çamyuva, 18.04.2001 2♂1♀; Gazipaşa, Macarköy, 24.04.2002 3♀; Kale, Köşkerler, 240 m, 24.06.2002 2♂; Kumluca, Kavakköy, 06.09.2002 2♂3♀; Finike, Turunçova, 06.09.2002 1♂1♀; Gündoğmuş, Güneycik, 240 m, 10.09.2002 3♀; Manavgat, Taşağıl, Kilimli, 40 m, 08.09.2002 1♂; Serik, Aspendos, 20.08.2001 2♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ağrı, Ankara, Bilecik, Bitlis, Çanakkale, Diyarbakır, Elazığ, Erzurum, Hatay, İzmir, İstanbul, Kırklareli, Konya, Malatya, Manisa, Mardin, Mersin, Muğla, Nevşehir, Niğde, Ordu, Samsun, Siirt, Urfa, Yozgat, Zonguldak (Zachvatkin 1946; Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981; Başpınar & Uygun, 1991a). **Remarks:** New for Antalya.

### ***Austroagallia sinuata* (Mulsant et Rey, 1855)**

**Material:** Gündoğmuş, Serinyaka, 700 m, 25.07.1999 2♂3♀; Manavgat, Bucakşeyhler, 15-26.08.1997 2♂2♀; Alanya, Obaköy, 25 m, 12.08.1999 1♀; Korkuteli, Kargalık, 1250 m, 27.07.1999 1♀; Manavgat, Karaöz, 90 m, 22.07.1999 1♂; Akseki, Güçlüköy, 610 m, 18.08.1999 1♀; Manavgat, Bucakşeyhler, 13.08.1999 1♂; Hacıobası, 26.08.2003 1♂, Kemer, Böğürtlenözü, 21.08.2001 1♂1♀. It has been collected from weeds in *Pinus brutia* forest and *Sesamum indicum*. **Distribution in Turkey:** Adana, Ankara, Diyarbakır, Erzincan, Hakkari, İzmir, Iğdır, Kırşehir, Mardin, Mersin, Muğla, Nevşehir, Samsun, Şırnak (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1981; Başpınar & Uygun, 1991a). **Remarks:** New for Antalya.

### ***Dryodurgades anatolicus* Dlabola, 1957**

**Material:** Termessos, Güllük Dağı, 900-1000 m, 22.07.2001 3♂; Gündoğmuş, Güneycik, 210 m, 21.04.2002 1♂3♀; Elmalı, Çıgıkara, 1600 m, 28.08.2003 4♀. It has been collected from *Juniperus* and shrubs. **Distribution in Turkey:** Adana, Ankara (Dlabola, 1957; Demir, 2004b, 2006). **Remarks:** New for Antalya.

## **Subfamily: Idiocerinae**

### ***Rhytidodus boluicus* Dlabola, 1970**

**Material:** Manavgat, Bucakşeyhler, 24.07.1999 5♂6♀; Elmalı, Gümüşişyaka, 1220 m, 13.07.2002 1♀; Serik, Aspendos, Köprüçayı, 16.10.2001 2♀; Manavgat, Boztepe, Alara, 15.10.2001 1♂; Serik, Aspendos, 20.08.2001 1♂1♀; Finike, Turunçova, 06.09.2002 2♀. On *Populus* and *Salix*. **Distribution in Turkey:** Adana, Ankara, Çankırı, Diyarbakır, Erzurum, İzmir, Kayseri, Manisa (Lodos & Kalkandelen, 1982a; Güçlü & Özbek, 1994; Demir, 2006). **Remarks:** New for Antalya and endemic to Turkey.

### ***Tremulicerus mesopyrrhus* (Kirschbaum, 1868)**

**Material:** Manavgat, Bucakşeyhler, 24.07.1999 2♂3♀; Antalya: Elmalı, Çobanisa, 1240 m, 27.07.1999 1♂1♀; Manavgat, Hacıobası, 26.08.2003 5♂9♀; Serik, Aspendos, 20.08.2001 1♂. On *Populus*. **Distribution in Turkey:** Adana, Ankara, Bitlis, Çankırı, Erzurum, Gümüşişane, İzmir, Konya, Manisa, Van (Lodos & Kalkandelen, 1982a; Güçlü & Özbek, 1994; Demir, 2006). **Remarks:** New for Antalya.

### ***Sulamicerus ancorarius* (Dlabola, 1964)**

**Material:** Manavgat, Demirciler, 10 m, 17.08.1999 9♂4♀; Demirciler, 40 m, 24.07.2001 2♂. On *Pistacia*. **Distribution in Turkey:** Diyarbakır, Konya, Siirt (Lodos & Kalkandelen, 1982a). **Remarks:** New for Antalya.

## **Subfamily: Iassinae**

### ***Batracomorphus signatus* Lindberg, 1923**

**Material:** Alanya, Okurcalar, 12.05.2001 1♀. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Iğdır, Mardin (Lodos & Kalkandelen, 1982b). **Remarks:** New for Antalya.

### ***Iassus pseudocerris* Abdul-Nour, 1998**

**Material:** Gündoğmuş, Serinyaka, 625 m, 22.06.2002 1♂. On *Quercus*. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

## **Subfamily: Dorycephalinae**

### ***Paradorydium mustafai* Demir, 2005**

**Distribution in Turkey:** Antalya (Demir, 2005b).

***Paradorydium paradoxum* (Herrich-Schaeffer, 1837)**

**Distribution in Turkey:** Ankara, Antalya, Diyarbakır (Lodos & Kalkandelen, 1982b; Demir, 2004b, 2005b, 2006).

***Paradorydium occidentale* Lindberg, 1954**

**Distribution in Turkey:** Antalya (Demir, 2005b).

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

**Material:** Akseki, Geriş, 700 m, 17.04.2001 1♂; Manavgat, Yayaalan, 540 m, 14.05.2001 1♂; Tilkiler, 470 m, 14.05.2001 1♂; Gazipaşa, Çalıpınar, 25 m, 12.05.2001 1♂; Manavgat, Bucakşeyhler, Seleukeia, 250 m, 23.04.2002 8♂1♀; Demirciler, 105, 22.04.2002 2♂; Demirciler, 105 m, 18.05.2002 1♂; Gündoğmuş, Çiçekoluk, 960 m, 19.05.2002 2♂; Termessos, Güllük Dağı, 750 m, 21.05.2002 2♂; Alanya, Okurcalar, 20.05.2002 1♂; Korkuteli, Koru dağı, Kartal Yaylası, 1600 m, 23.06.2002 2♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Adıyaman, Afyon, Ankara, Artvin, Bitlis, Çanakkale, Diyarbakır, Erzurum, Kahramanmaraş, Konya, Malatya, Mardin, Mersin, Nevşehir, Niğde, Urfa, Van (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1982b; G Başpınar & Uygun, 1991a; Güçlü & Özbek, 1994; Demir, 2006). **Remarks:** New for Antalya.

**Subfamily: Hecalinae*****Hecalus glaucescens* (Fieber, 1866)**

**Material:** Manavgat, Bucakşeyhler, 13.08.1999 1♀; Manavgat, 10.08.1999 1♀; Elmalı, 1080 m, 28.07.1999 3♂; Manavgat, 18.09.1998 1♂; Bucakşeyhler, 24.07.1999 1♂; Belenobası, 130 m, 15.04.2001 2♀; Akseki, Güçlüköy, 680 m, 17.04.2001 1♂; Manavgat, Taşağıl, Sağırın, 40 m, 03.06.2001 1♀; Beşkonak, 145 m, 07.06.2001 2♂; Düzlerçami, 280 m, 22.07.2001 1♀; Alanya, Kargıcak, 21.07.2001 1♂; Gündoğmuş, Güneycik, 240 m, 21.04.2002 1♀; Manavgat, Bucakşeyhler, 70 m, 23.04.2002 1♀; Demirciler, 40 m, 20.06.2002 3♀; Güllük Dağı, Araştırma Ormanı, 550 m, 19.07.2002 1♀; Manavgat, Hacıobası, 26.08.2003 1♂; Elmalı, Tekkeköy, 1100 m, 28.08.2003 1♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Adıyaman, Ankara, Hatay, Malatya, Manisa, Mersin, Muğla, Siirt (Lodos & Kalkandelen, 1982b; Başpınar & Uygun, 1991b). **Remarks:** New for Antalya.

**Subfamily: Aphrodinae*****Anoscopus albifrons* (Linnaeus, 1758)**

**Material:** Manavgat, Bucakşeyhler, 70 m, 23.04.2002 1♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** İzmir (Lodos & Kalkandelen, 1982b). **Remarks:** New for Antalya.

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

**Material:** Termessos, Güllük Dağı Araştırma Ormanı, 750 m, 21.05.2002 2♂1♀. It has been collected from weeds in *Pinus brutia-Quercus* forest. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Aphrodes makarovi* Zachvatkin, 1948**

**Material:** Manavgat, Demirciler, Külcüler, 170 m, 15.04.2001 1♀; Yukarışıklar-Tilkiler, 460 m, 14.05.2001 2♂1♀; Demirciler, 105 m, 11.05.2001 1♂; Yaylaalan, 540 m, 14.05.2001 1♂; Tilkiler, 220 m, 14.05.2001 1♀; Tilkiler, 470 m, 14.05.2001 1♂; Alanya, Okurcalar, 12.05.2001 1♂; Manavgat, Bucakşeyhler, 70 m, 23.04.2002 3♂2♀; Demirciler, 20 m, 18.05.2002 1♂; Termessos, Güllük Dağı, 750 m, 21.05.2002 4♂1♀; Alanya, Okurcalar, 20.05.2002 1♀; Gündoğmuş, Güneycik, 240 m, 19.05.2002 1♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara (Başpınar & Uygun, 1991b; Demir, 2006). **Remarks:** New for Antalya.

**Subfamily: Typhlocybinae*****Alebra albostriella* (Fallén, 1826)**

**Material:** Manavgat, Bucakşeyhler, 24.07.1999 1♀; Demirciler, 40 m, 17.07.2002 1♀. It has been collected from *Quercus* and maquis. **Distribution in Turkey:** Adana, Ankara, Artvin, Bitlis, Bolu, Çorum, Hatay, İzmir, Kahramanmaraş, Kayseri, Kocaeli, Kütahya, Ordu

(Dlabola, 1957, 1981; Linnavuori, 1965; Lodos & Kalkandelen, 1983b; Demir, 2006).

**Remarks:** New for Antalya.

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

**Material:** Kaş, Gömbe, Uçarsu, 1700 m, 28.07.1999 2♀; Beldibi, 1400 m, 29.07.1999 5♂1♀; Alanya, Okurcalar, 12.05.2001 1♂1♀; Keşefli, 12.05.2001 1♀; Manavgat, Demirciler, 40 m, 11.05.2001 2♀; Elmalı, Gölova-Bozhöyük, 1200 m, 06.06.2001 2♂19♀; Manavgat, Taşağıl, Kilimli, 40 m 03.06.2001 1♂1♀; Taşağıl, Sağırın, 40 m, 03.06.2001 1♂; Korkuteli, Beğiş-Karabayır, 1310 m, 06.06.2001 1♂; Korkuteli-Kargalık, 1060 m, 06.06.2001 7♂12♀; Finike, Gökçük, 310 m, 06.06.2001 4♂7♀; Manavgat, Ilıca, 16.10.2001 1♂3♀; Demirciler, Külçüler, 150 m, 14.10.2001 7♀; Örenşehir, 15.10.2001 1♂2♀; Bucakşeyhler, 70 m, 23.04.2002 2♀; Kaş, Beldibi, 1450 m, 13.07.2002 1♀; Hisarçandır, 770 m, 20.08.2002 1♂; Elmalı, Tekkeköy, 1100 m, 28.08.2003 2♂5♀. On *Verbascum*. **Distribution in Turkey:** Ankara, Burdur, Isparta, İstanbul, İzmir, Manisa, Van (Dlabola, 1957, 1981; Lodos & Kalkandelen, 1983b; Demir, 2006). **Remarks:** New for Antalya.

### *Kybos virgator* (Ribaut, 1933)

**Material:** Elmalı, Çobanisa, 1240 m, 27.07.1999 7♀; Akçay, 1100 m, 28.07.1999 3♂15♀; Akçay, 1100 m, 29.07.1999 5♀; Manavgat, Ilıca, 16.10.2001 1♀; Korkuteli, Kuru Dağı, Kartal Yaylası, 1600 m, 23.06.2002 1♂7♀; Elmalı, Gümüşyaka, 1220 m, 13.07.2002 1♀; Tekkeköy, 1100 m, 28.08.2003 3♂20♀. On *Salix*. **Distribution in Turkey:** Ankara, Bilecik, İzmir, Kırşehir, Konya, Van (Lodos & Kalkandelen, 1983c; 2004a). **Remarks:** New for Antalya.

### *Empoasca decipiens* Paoli, 1930

**Material:** Manavgat, Bucakşeyhler, 13.08.1999 1♀; Akseki, Güçlüköy, 610 m, 18.08.1999 2♂5♀; Elmalı, 1080 m, 28.07.1999 1♂2♀; Manavgat, 10.08.1999 1♀; Bucakşeyhler, 30 m, 23.07.1999 2♀; Bucakşeyhler, 24.07.1999 2♂; Bucakşeyhler, 15-26.08.1997 3♀; Bucakşeyhler, 18-28.06.1997 2♂; Demirciler, 40 m, 14.04.2001 1♀; Demirciler, 65 m, 14.04.2001 1♀; Yukarışıklar-Tilkiler, 460 m, 14.05.2001 1♀; Beşkomak, 145 m, 07.06.2001 1♂2♀; Demirciler, 40 m, 05.06.2001 1♂; Demirciler, 40 m, 17.07.2002 1♂1♀; Elmalı, Gümüşyaka, 1220 m, 13.07.2002 2♀; Kemer, Çamyuva, 18.04.2001 7♂11♀; Kumluca, Kavakköy, 18.04.2001 7♂9♀; Finike, Yeşilyurt, 18.04.2001 17♂39♀; Kaş, İslamlar, 220 m, 15.05.2001 38♂56♀; Kale, Köşkerler, 240 m, 15.05.2001 51♂47♀; Alanya, Konaklı, 25 m, 24.04.2002 16♂9♀; Gazipaşa, Macarköy, 24.04.2002 23♂16♀; Kemer, Karabucak, 85 m, 25.05.2002 11♂19♀; Finike, Erenkavak, 65 m, 24.06.2002 29♂12♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 8♂9♀; Serik, Camili, 26.07.2001 2♂5♀; Manavgat, Karaöz, 70 m, 18.08.2001 4♂6♀; Serik, Aspendos, 20.08.2001 8♂14♀; Kemer, Çamyuva, 21.08.2001 7♂2♀; Manavgat, Ilıca, 07.09.2001 6♂5♀; Alanya, Kargıcak, 09.09.2001 3♂10♀; Finike, Turunçova, 06.09.2002 2♂9♀. It has been collected from *Salix*, *Sesamum indicum*, *Ulmus* and weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Mersin (Dlabola, 1957; Başpınar & Uygun, 1991b). **Remarks:** New for Antalya.

### *Asymmetrasca decedens* (Paoli, 1932)

**Material:** Manavgat, 10.08.1999 2♀; Bucakşeyhler, 30 m, 23.07.1999 2♂1♀; Bucakşeyhler, 15-26.08.1997 5♀; Bucakşeyhler, 18-28.06.1997 1♂; Bucakşeyhler, 45 m, 19.07.2001 1♂; Kumluca, Kavakköy, 18.04.2001 11♂12♀; Finike, Yeşilyurt, 18.04.2001 7♂15♀; Kaş, İslamlar, 220 m, 15.05.2001 32♂53♀; Kale, Köşkerler, 240 m, 15.05.2001 32♂46♀; Alanya, Konaklı, 25 m, 24.04.2002 7♂11♀; Gazipaşa, Macarköy, 24.04.2002 7♂13♀; Kemer, Karabucak, 85 m, 25.05.2002 3♂13♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 6♂11♀; Serik, Camili, 26.07.2001 1♂7♀; Manavgat, Karaöz, 70 m, 18.08.2001 1♂6♀; Serik, Aspendos, 20.08.2001 2♂3♀; Kemer, Çamyuva, 21.08.2001 1♂8♀; Alanya, Kargıcak, 09.09.2001 1♂13♀; Finike, Turunçova, 06.09.2002 2♂5♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Konya, Mersin, (Dlabola, 1957; Lodos & Kalkandelen, 1983c; Başpınar & Uygun, 1991b). **Remarks:** New for Antalya.

### *Edwardsiana tshinari* Zachvatkin, 1947

**Material:** Kemer, Ovacık, 1150 m, 20.08.2002 1♂1♀. On *Platanus orientalis*. **Distribution in Turkey:** İstanbul, Kocaeli (Dlabola, 1971). **Remarks:** New for Antalya.

### *Ribautiana cruciata* (Ribaut, 1931)

**Material:** Manavgat, Demirciler, 40 m, 17.07.2002 1♂3♀. On *Ulmus*. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Eupteryx cypria* (Ribaut, 1948)**

**Material:** Kaş, Kalkan, Yeşilköy, 29.07.1999 5♂8♀; Alanya, Obaköy, 25 m, 12.08.1999 1♀; Manavgat, Karaöz, 20 m, 22.07.1999 4♀; Demirciler, 20 m, 18.05.2002 7♂9♀; Finike, Erenkavak, 65 m, 24.06.2002 2♂1♀; Kale, Eseler, 55 m, 24.06.2002 1♂1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana (Dlabola, 1957). **Remarks:** New for Antalya.

***Eupteryx fahringeri* Melichar, 1911**

**Material:** Kaş, Gömbe, Uçarsu, 1700 m, 28.07.1999 4♂8♀. It has been collected from *Verbascum* in alpine zone. **Distribution in Turkey:** Bursa, İzmir (Lodos & Kalkandelen, 1984c). **Remarks:** New for Antalya and endemic to Turkey.

***Eupteryx gyaurdagica* Dlabola, 1957**

**Material:** Korkuteli, Koru Dağı, Kartal Yaylası, 1600 m, 23.06.2002 1♂1♀. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Afyon, Ankara, Bitlis, Bolu, Isparta, İzmir, Manisa, Nevşehir, Sinop (Dlabola, 1957; Lodos & Kalkandelen, 1984b; Demir, 2006). **Remarks:** New for Antalya.

***Eupteryx insulana* (Ribaut, 1948)**

**Material:** Manavgat, Demirciler, 20 m, 18.05.2002 1♀; Demirciler, 40 m, 20.06.2002 1♂. It has been collected from weeds in fields. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Zyginella pulchra* Löw, 1885**

**Material:** Kemer, Ovacık, 1150 m, 20.08.2002 59♂34♀; Kemer, Çamyuva, 21.08.2001 9♂24♀. On *Platanus orientalis*. **Distribution in Turkey:** Adana, Aksaray, Diyarbakır, Hatay, İzmir, Konya, Samsun (Lodos & Kalkandelen, 1984a). **Remarks:** New for Antalya.

***Zyginidia sohrab* Zachvatkin, 1947**

**Material:** Alanya, Okurcalar, 12.05.2001 1♂; Kemer, Çamyuva, 18.04.2001 4♂6♀; Finike, Yeşilyurt, 18.04.2001 1♂5♀; Alanya, Konaklı, 25 m, 24.04.2002 3♂; Kale, Eseler, 55 m, 24.06.2002 7♂2♀; Serik, Camili, 20.08.2001 6♀; Kumluca, Kavakköy, 06.09.2002 4♂7♀; Gazipaşa, Macarköy, 24.04.2002 4♂2♀; Aksu, Topallar, 26.07.2001 3♂4♀; Finike, Erenkavak, 130 m, 24.06.2002 5♂1♀; Kemer, Böğürtlenözü, 18.04.2001 7♂4♀; Kemer, Karabucak, 25.05.2002 3♂10♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adıyaman, Bingöl, Bitlis, Diyarbakır, Elazığ, Gaziantep, Hakkari, Kars, Kocaeli, Iğdır, İstanbul, Malatya, Siirt, Urfa, Van (Dlabola, 1971; Lodos & Kalkandelen, 1984d; Kalkandelen, 1985). **Remarks:** New for Antalya.

***Zygina discolor* Horváth, 1897**

**Material:** Kemer, Çamyuva, 25.05.2002 5♀. On *Quercus*. **Distribution in Turkey:** Ankara, İzmir, Malatya (Dlabola, 1981; Lodos & Kalkandelen, 1984d). **Remarks:** New for Antalya.

***Arboridia adanae* (Dlabola, 1957)**

**Material:** Manavgat, Demirciler, 40 m, 17.07.2002 2♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 1♂3♀; Kemer, Karabucak, 85 m, 25.05.2002 1♂2♀. It has been collected from *Ulmus* and maquis vegetation. **Distribution in Turkey:** Adana, Adıyaman, Ankara, Çankırı, Denizli, Diyarbakır, Eskişehir, Gaziantep, Kayseri, Kırıkkale, Kırşehir, Konya, Mardin, Nevşehir, Niğde, Sivas, Urfa, Yozgat, (Dlabola, 1957; Lodos & Kalkandelen, 1984d). **Remarks:** New for Antalya.

***Frutoidia sanguinosa* (Rey, 1891)**

**Material:** Kemer, Çamyuva, 21.08.2001 2♂4♀. On *Amygdalus*. **Distribution in Turkey:** Adana (Dlabola, 1957). **Remarks:** New for Antalya.

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

**Material:** Manavgat, Taşağıl, 60 m, 27.08.2003 2♂; Kemer, Böğürtlenözü, 21.08.2001 1♂1♀. On *Tamarix*. **Distribution in Turkey:** Ankara, Kırıkkale, Malatya (Dlabola, 1981; Lodos & Kalkandelen, 1984c). **Remarks:** New for Antalya.

**Subfamily: Deltocephalinae**  
***Grypotes staurus* Ivanoff, 1885**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♂1♀; Bucakşeyhler, 15-26.08.1997 2♂1♀; Demirciler, 10 m, 17.08.1999 1♀; Bucakşeyhler, 13.08.1999 1♀; Alanya, Keşefli, 21.07.2001 2♀; Manavgat, Demirciler, 105 m, 18.05.2002 1♂; Demirciler, 105 m, 21.06.2002 4♂1♀; Demirciler, 40 m, 20.06.2002 2♂2♀; Bucakşeyhler, 22.07.2003 1♂; Kemer, Çamyuva, 18.04.2001 3♂4♀; Kaş, İslamlar, 220 m, 15.05. 2001 6♂2♀; Alanya, Kestel, 24.04.2002 8♂17♀; Serik, Sarıbalı, 20.08.2001 1♂3♀; Manavgat, Taşağıl, Kilimli, 40 m, 08.09.2002 1♂5♀; Manavgat, Bucakşeyhler, 30 m, 08.09.2001 2♀; Kemer, Bögürtlenözü, 21.08.2001 5♂1♀; Kemer, Karabucak, 85 m, 25.05.2002 3♂1♀. On *Pinus brutia*. **Distribution in Turkey:** Adana, Hatay, İzmir, Konya, Muğla, Samsun, Sinop (Linnavuori, 1965; Lodos & Kalkandelen, 1985a; Zeybekoğlu, 1994, 1998). **Remarks:** New for Antalya.

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

**Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Burdur, Diyarbakır, Edirne, Manisa, Mardin, Niğde, Samsun, Sinop, Tokat (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1985a; Başpınar & Uygun, 1991b; Kartal & Zeybekoğlu, 1991, Zeybekoğlu, 1998; Demir, 2004a, 2004b, 2006).

***Goniagnathus guttulinervis* (Kirschbaum, 1868)**

**Distribution in Turkey:** Antalya (Demir, 2004a).

***Opsius cypriacus* Lindberg, 1958**

**Material:** Manavgat, Taşağıl, Sağırin, 40 m, 03.06.2001 1♂1♀; Hacıobası, 14.10.2001 13♂17♀; Örenşehir, 15.10.2001 7♂6♀; Ilca, 16.10.2001 1♂; Hacıobası, 22.06.2002 1♀; Hacıobası, 26.08.2003 2♂5♀; Taşağıl, 60 m, 27.08.2003 5♂10♀. On *Tamarix*. **Distribution in Turkey:** Adana, Amasya, Ankara, Artvin, Aydın, Diyarbakır, Edirne, Erzincan, Erzurum, İzmir, Kırıkkale, Kütahya, Malatya, Manisa, Nevşehir, Samsun, Siirt, Van, Yozgat (Linnavuori, 1965; Lodos & Kalkandelen, 1985a). **Remarks:** New for Antalya.

***Opsius smaragdinus* Emeljanov, 1964**

**Material:** Kemer, Çamyuva, 21.08.2001 1♂1♀. On *Tamarix*. **Distribution in Turkey:** Nevşehir (Lodos & Kalkandelen, 1985a). **Remarks:** New for Antalya.

***Opsius stactogalus* Fieber, 1866**

**Material:** Manavgat, 10.08.1999 2♂2♀; Serik, Aspendos, Köprüçayı, 16.10.2001 1♂2♀; Aspendos, 18.07.2002 31♂36♀; Kale, Beymelek, 20.08.2002 3♂4♀. On *Tamarix*. **Distribution in Turkey:** Ankara, İzmir, Kırıkkale, Malatya, Nevşehir, Samsun, Sinop (Kalkandelen, 1974; Lodos & Kalkandelen, 1985a; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

***Orosius albicinctus* Distant, 1918**

**Material:** Manavgat, Bucakşeyhler, 45 m, 19.07.2001 4♂6♀; Demirciler, 40 m, 24.07.2001 2♀; Örenşehir, 15.10.2001 1♂; Hacıobası, 26.08.2003 2♂; Kumluca, Kavakköy, 06.09.2002 2♀. It has been collected from *Sesamum indicum* and weeds in fields. **Distribution in Turkey:** Adana, Mersin (Dlabola, 1981; Başpınar & Uygun, 1991c). **Remarks:** New for Antalya.

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

**Material:** Gündoğmuş, Serinyaka, 700 m, 25.07.1999 2♂4♀; Manavgat, Çayyazı, 20.07.1999 1♂2♀; Beşkonak, 145 m, 07.06.2001 1♂; Gündoğmuş, Çiçekoluk, 960 m, 25.07.2001 1♂2♀; Manavgat, Bucakşeyhler, Seleukeia, 250 m, 23.04.2002 3♂; Demirciler, 105 m, 22.04.2002 2♂; Termessos, Güllük Dağı, Araştırma Ormanı, 750 m, 21.05.2002 2♂2♀; Kumluca, Kavakköy, 18.04.2001 1♂1♀; Serik, Camili, 26.07.2001 1♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ağrı, Amasya, Ankara, Bolu, Çorum, Diyarbakır, Edirne, Erzurum, Giresun, İzmir, Iğdır, Kocaeli, Mardin, Mersin, Nevşehir, Ordu, Samsun, Sinop, Sivas, Tokat, Urfa, Van (Kalkandelen, 1974; Lodos & Kalkandelen, 1985a; Başpınar & Uygun, 1991c; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998; Demir, 2006). **Remarks:** New for Antalya.

***Neoliturus guttulatus* (Kirschbaum, 1868)**

**Material:** Kemer, Çamyuva, 18.04.2001 1♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Bitlis, Diyarbakır, Iğdır, İzmir,



Konya, Nevşehir, Tokat, Urfa (Kalkandelen, 1974; Lodos & Kalkandelen, 1985a; Demir, 2006). **Remarks:** New for Antalya.

### *Neoliturus pulcher* (Haupt, 1927)

**Material:** Manavgat, Demirciler, 105 m, 22.04.2002 1♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Diyarbakır, Muğla (Lodos & Kalkandelen, 1985a). **Remarks:** New for Antalya.

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

**Material:** Akseki, Güçlüköy, 610 m, 18.08.1999 5♂15♀; Manavgat, Bucakşeyhler, 15-26.08.1997 1♂; Bucakleyhler, 24.07.1999 1♀; Gündoğmuş, Serinyaka, 700 m, 25.07.1999 1♂; Manavgat, Demirciler, 105 m, 22.04.2002 1♂; Demirciler, 20 m, 18.05.2002 1♀; Alanya, Okurcalar, 20.05.2002 1♂; Manavgat, Hacıobası, 26.08.2003 1♂3♀; Kale, Köşkerler, 240 m, 24.06.2002 2♂; Manavgat, Beşkonak, 145 m, 08.09.2002 1♂2♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ağrı, Ankara, Antalya, Bitlis, Diyarbakır, Erzurum, Gaziantep, Hakkari, Hatay, Kahramanmaraş, Kocaeli, Konya, Mardin, Mersin, Muğla, Nevşehir, Siirt, Sivas, Tunceli, Urfa, Van (Kalkandelen, 1974; Başpınar & Uygun, 1991c; Kartal, Zeybekoğlu & Dursun, 2001; Demir, 2004b). **Remarks:** Known to Antalya.

### *Nesoclutha erythrocephala* (Ferrari, 1882)

**Material:** Antalya: Kaş, Kalkan, Yeşilköy, 29.07.1999 1♂; Manavgat, Bucakşeyhler, 30 m, 23.07.1999 1♀; Bucakşeyhler, 13.08.1999 1♀. It has been collected from weeds in maquis vegetation. **Distribution in Turkey:** Adana, Amasya, Tokat (Dlabola, 1957; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

### *Cicadulina bipunctata* (Melichar, 1904)

**Material:** Manavgat, Bucakşeyhler, 24.07.1999 1♂5♀; Manavgat, 18.09.1998 1♂2♀; Kaş, Kalkan, Yeşilköy, 29.07.1999 2♂2♀; Manavgat, Bucakşeyhler, 13.08.1999 20♂11♀; ; Bucakşeyhler, 15-26.08.1997 2♂3♀; Bucakşeyhler, 18-28.06.1997 1♀; Demirciler, 10 m, 17.08.1999 1♂; Alanya, Obaköy, 25 m, 12.08.1999 2♂10♀; Okurcalar, 12.05.2001 1♀; Finike, Turunçova, 50 m, 06.06.2001 1♀; Manavgat, Örenşehir, 15.10.2001 1♀; Çakış, 16.10.2001 1♀; Gündoğmuş, Güneycik, 240 m, 21.04.2002 1♀; Kemer, Ovacık, 1150 m, 20.08.2002 1♀; Kemer, Çamyuva, 18.04.2001 11♂18♀; Kumluca, Kavakköy, 18.04.2001 2♂6♀; Kale, Eseler, 55 m, 15.05.2001 3♂1♀; Serik, Camilli, 26.07.2001 21♂13♀; Aksu, Topallar, 26.07.2001 1♂5♀; Alanya, Kestel, 24.04.2002 17♂28♀; Gazipaşa, Macarköy, 24.04.2002 7♂16♀; Finike, Erenkavak, 65 m, 24.06.2002 23♂12♀; Manavgat, Karaöz, 70 m, 18.08.2001 8♂3♀; Kemer, Böğürtlenözü, 21.08.2001 26♂17♀; Manavgat, Ilıca, 07.09.2001 3♂7♀; Finike, Yeşilyurt, 06.09.2002 1♂9♀; Manavgat, Taşağul, 55 m, 08.09.2002 2♂6♀; Gündoğmuş, Güneycik, 210 m, 10.09.2002 1♂; Kaş, İslamlar, 220 m, 15.05.2001 14♂29♀; Alanya, Konaklı, 25 m, 24.04.2002 5♂2♀; Kemer, Karabucak 85 m, 25.05.2002 11♂2♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 12♂3♀; Serik, Sarıbalı, 20.08.2001 1♂5♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, İzmir, Mersin (Lodos & Kalkandelen, 1985b; Başpınar & Uygun, 1991c). **Remarks:** New for Antalya.

### *Balclutha hebe* (Kirkaldy, 1906)

**Material:** Manavgat, Bucakşeyhler, 13.08.1999 4♂9♀; Bucakşeyhler, 24.07.1999 2♂5♀; Alanya, Obaköy, 25 m, 12.08.1999 4♂9♀; Manavgat, Demirciler, 40 m, 11.05.2001 1♀; Gündoğmuş, Güneycik, 210 m, 08.06.2001 1♀; Manavgat, Boztepe, Alara, 15.10.2001 9♂14♀; Çakış, 16.10.2001 1♂10♀; Hacıobası, 14.10.2001 1♀. Gündoğmuş, Güneycik, 210 m, 21.04.2002 1♂; Manavgat, Demirciler, 20 m, 18.05.2002 1♀; Kemer, Ovacık, 1150 m, 20.08.2002 1♂; Gazipaşa, Asarcık, 24.04.2002 7♂2♀; Gündoğmuş, Güneycik, 210 m, 10.09.2002 3♀; Manavgat, Taşağul, 55 m, 08.09.2002 3♂1♀; Kemer, Böğürtlenözü, 21.08.2001 3♂5♀; Serik, Dikmen, 26.07.2001 4♂. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Adıyaman, Ankara, Bitlis, Burdur, Diyarbakır, Elazığ, Gaziantep, Konya, Malatya, Mardin, Mersin, Muğla, Nevşehir, Urfa (Lodos & Kalkandelen, 1985b; Başpınar & Uygun, 1991c). **Remarks:** New for Antalya.

### *Balclutha rhenana* Wagner, 1939

**Material:** Kemer, Çamyuva, 18.04.2001 2♂5♀; Kaş, İslamlar, 220 m, 15.05.2001 1♂3♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 1♂1♀; Kemer, Böğürtlenözü, 21.08.2001 1♂3♀; Finike, Turunçova, 06.09.2002 2♂; Yeşilyurt, 18.04.2001 2♂1♀; Kemer, Çamyuva,

25.05.2002 2♂2♀. It has been collected from weeds in fields. **Distribution in Turkey:** Erzurum, Malatya, Mersin (Lodos & Kalkandelen, 1985b). **Remarks:** New for Antalya.

### ***Balclutha rosea* (Scott, 1896)**

**Material:** Manavgat, 10.08.1999 2♂2♀; Manavgat, 18.09.1998 1♀; Karaöz, 90 m, 22.07.1999 1♂; Bucakşeyhler, 15-26.08.1997 3♀; Bucakşeyhler, 18-28.06.1997 2♀; Bucakşeyhler, 24.07.1999 1♂3♀; Kaş, Kalkan, Yeşilköy, 29.07.1999 1♂1♀; Manavgat, Demirciler, 65 m, 14.04.2001 2♀; Demirciler, Külçüleri, 170 m, 15.04.2001 1♀; Gündoğmuş, Güneycik, 210 m, 17.04.2001 1♀; Manavgat, Demirciler, 105 m, 11.05.2001 6♀; Demirciler, 40 m, 11.05.2001 1♀; Gazipaşa, Çalıpınar, 25 m, 12.05.2001 45♂30♀; Alanya, Okurcalar, 12.05.2001 4♂10♀; Manavgat, Beşkonak, 145 m, 07.06.2001 3♂1♀; Taşağıl, Kilimli, 60 m, 03.06.2001 2♀; Taşağıl, Sağırin, 40 m, 03.06.2001 1♂1♀; Taşağıl, 55 m, 07.06.2001 2♀; Finike, Turunçova, 50 m, 06.06.2001 2♂3♀; Kemer, 06.06.2001 1♂3♀; Alanya, Kargıcak, 21.07.2001 1♂; Manavgat, Örenşehir, 15.10.2001 1♂1♀; Gazipaşa, Çalıpınar-Kahyalar, 20 m, 20.05.2002 5♂3♀; Alanya, Yeşilköy, 20.05.2002 1♀; Manavgat, demirciler, 40 m, 20.06.2002 1♂. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Diyarbakır, Hatay, İzmir, Konya, Mersin, Nevşehir (Linnavuori, 1965; Lodos & Kalkandelen, 1985b). **Remarks:** New for Antalya.

### ***Macrosteles fieberi* (Edwards, 1889)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♂1♀; Elmalı, 1080 m, 28.07.1999 1♂. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Ağrı, Ankara, Bitlis, Bolu, Çankırı, Hakkari, Konya, Nevşehir, Osmaniye, Van (Dlabola, 1957, 1981; Kalkandelen, 1974; Lodos & Kalkandelen, 1985b; Kartal, Zeybekoğlu & Dursun, 2001). **Remarks:** New for Antalya.

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

**Material:** Kemer, Çamyuva, 25.05.2002 2♂4♀; Finike, Erenkavak, 65 m, 24.06.2002 1♂3♀; Kemer, Karabucak, 85 m, 25.05.2002 1♂3♀; Kumluca, Kavakköy, 18.04.2001 3♂. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Amasya, Ankara, Bolu, Erzincan, Erzurum, Konya, Samsun, Sinop, Van (Kalkandelen, 1974; Lodos & Kalkandelen, 1985b; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

### ***Macrosteles quadripunctulatus* (Kirschbaum, 1868)**

**Material:** Finike, Turunçova, 50 m, 06.06.2001 1♀; Korkuteli, Datköy, 960 m, 13.07.2002 1♂; Kemer, Böğürtlenözü, 18.04.2001 3♂1♀; Finike, Yeşilyurt, 18.04.2001 1♂7♀; Kale, Eseler, 55 m, 24.06.2002 5♂2♀; Kemer, Karabucak, 85 m, 25.05.2002 1♂6♀; Aksu, Topallar, 26.07.2001 2♂5♀; Serik, Camili, 26.07.2001 2♂1♀; Finike, Erenkavak, 65 m, 24.06.2002 2♂2♀. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Adıyaman, Ağrı, Amasya, Ankara, Bilecik, Bitlis, Diyarbakır, Erzincan, Hatay, Isparta, İzmir, Konya, Malatya, Manisa, Mersin, Nevşehir, Ordu, Samsun, Uşak, Van, Zonguldak (Kalkandelen, 1974; Lodos & Kalkandelen, 1985b; Başpınar & Uygun, 1991c; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

### ***Recilia schmidtgeni* (Wagner, 1939)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 2♂4♀; Manavgat, 18.09.1998 3♀; Bucakşeyhler, 13.08.1999 1♂; Demirciler, 10 m, 17.08.1999 2♂2♀; Kaş, Kalkan, Yeşilköy, 29.07.1999 1♂2♀; Elmalı, 1080 m, 28.07.1999 1♂; Manavgat, Taşağıl, Sağırin, 40 m, 03.06.2001 1♂; Bucakşeyhler, 70 m, 23.04.2002 1♂; Demirciler, 20 m, 18.05.2002 1♀; Alanya, Yeşilköy, 20.05.2002 1♂; Kaş, İslamlar, 220 m, 15.05.2001 3♂1♀; Kale, Köşkerler, 240 m, 15.05.2001 2♂3♀; Alanya, Konaklı, 25 m, 24.04.2002 3♂5♀; Serik, Sarıbalı, 20.08.2001 4♀; Manavgat, Karaöz, 70 m, 18.08.2001 1♂1♀; Kemer, Çamyuva, 21.08.2001 5♂4♀; Böğürtlenözü, 06.09.2002 2♂4♀; Alanya, Okurcalar, 09.09.2001 5♂; Manavgat, Beşkonak, 145 m, 08.09.2002 3♂1♀; Gazipaşa, Asarcık, 24.04.2002 3♂2♀; Kemer, Karabucak, 85 m, 25.05.2002 4♂1♀; Kaş, Kalkan, Üzümlü, 285 m, 15.05.2001 1♂1♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 5♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Diyarbakır, Erzincan, İzmir, Mersin, Nevşehir, Samsun, Sinop, Tokat, Urfa (Kalkandelen, 1974; Lodos & Kalkandelen, 1985c; Başpınar & Uygun, 1991c; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

***Stymphalus rubrostriatus* (Horvath, 1907)**

**Material:** Demirciler, 40 m, 20.06.2002 1♂3♀. It has been collected from *Olea europea* and subtropic vegetation. **Distribution in Turkey:** Diyarbakır, İstanbul, Mardin, Mersin (Dlabola, 1981; Lodos & Kalkandelen, 1985c; Başpınar & Uygun, 1992a). **Remarks:** New for Antalya.

***Chiasmus conspurcatus* (Perris, 1857)**

**Material:** Manavgat, 21.07.1999 3♂2♀; Manavgat, 10 m, 20.07.1999 1♀; Beşkonak, 145 m, 07.06.2001 2♀; Finike, Turunçova, 50 m, 06.06.2001 1♂; Alanya, Yeşilköy, 20.05.2002 1♂1♀; Elmalı, Gökpınar, 1200 m, 13.07.2002 1♀; Kemer, Çamyuva, 25.05.2002 1♂1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Amasya, Ankara, Antalya, Artvin, Çankırı, Diyarbakır, Konya, Rize, Sinop, Tokat, Urfa (Kalkandelen, 1974; Lodos & Kalkandelen, 1985c; Başpınar & Uygun, 1992a; Zeybekoğlu, 1998). **Remarks:** Known to Antalya.

***Doratura homophyla* (Flor, 1861)**

**Material:** Elmalı, 1080 m, 28.07.1999 1♂2♀; Gökpınar, 1200 m, 13.07.2002 1♂; Korkuteli, Ulucak, 1165 m, 13.07.2002 2♂3♀; Güllük Dağı, Araştırma Ormanı, 550 m, 19.07.2002 1♂3♀; Elmalı, Tekkeköy, 1100 m, 28.08.2003 1♀. It has been collected from weeds in Garden and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Amasya, Ankara, Bolu, Diyarbakır, Eskişehir, Gaziantep, Hatay, Sinop, Van (Linnavuori, 1965; Kalkandelen, 1974; Lodos & Kalkandelen, 1985c; Başpınar & Uygun, 1992a; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

***Aconurella prolixa* (Lethierry, 1885)**

**Material:** Manavgat, Bucakşeyhler, 13.08.1999 3♂1♀; Demirciler, 10 m, 17.08.1999 2♂10♀; Manavgat, 10.08.1999 1♂13♀; Manavgat, 21.07.1999 3♂19♀; Manavgat, 18.09.1998 1♂10♀; Çayyazı, 20.07.1999 3♀; Manavgat, 10 m, 20.07.1999 4♀; Korkuteli, Yazır-İmrahor, 950 m, 27.07.1999 1♀; Manavgat, 26.07.1999 1♂1♀; Bucakşeyhler, 30 m, 23.07.1999 1♀; Bucakşeyhler, 24.07.1999 2♂5♀; Elmalı, Akçay, 1100 m, 28.07.1999 1♀; Elmalı, 1080 m, 28.07.1999 6♂5♀; Manavgat, Belenobası, 130 m, 15.04.2001 3♀; Beşkonak, 145 m, 07.06.2001 1♂2♀; Taşağul, 55 m, 07.06.2001 1♀; Demirciler, 40 m, 20.06.2002 1♀; Korkuteli, Ulucak, 1165 m, 13.07.2002 1♀; Kaş, Kalkan, Üzümlü, 285 m, 15.05.2001 1♂1♀. It has been collected from weeds in fields and *Salix*. **Distribution in Turkey:** Adana, Ankara, Antalya, Artvin, Erzincan, Erzurum, Gaziantep, Hakkari, Kahramanmaraş, Mersin, Nevşehir, Rize (Linnavuori, 1965; Lodos & Kalkandelen, 1985c; Başpınar & Uygun, 1992a). **Remarks:** Known to Antalya.

***Fieberiella aschei* Meyer-Arndt, 1988**

**Material:** Elmalı, Çıglikara, 1600 m, 28.08.2003 1♂1♀; Korkuteli, 30 km W, 670 m, 28.08.2003 2♀. It has been collected from maquis vegetation. **Distribution in Turkey:** Antalya (Meyer-Arndt, 1988). **Remarks:** Endemic to Turkey and known to Antalya.

***Fieberiella chioscola* Meyer-Arndt, 1988**

**Material:** Düzlerçami, 280 m, 22.07.2001 2♂. On *Crateagus*. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Fieberiella macchiaie* Linnavuori, 1962**

**Material:** Manavgat, Evrenleryavşı, Söylerkale, 250 m, 16.03.2002 1♂2♀. On *Myrthus communis*. **Distribution in Turkey:** Adana, Antalya, Denizli, Kütahya, Muğla, Nevşehir, Zonguldak (Lodos & Kalkandelen, 1986a). **Remarks:** Known to Antalya.

***Fieberiella oenderi* Dlabola, 1985**

**Material:** Manavgat, Bucakşeyhler, 45 m 24.07.1999 1♂1♀; İbradı, Üzümdere, 470 m, 18.08.1999 1♀; Gündoğmuş, Çiçekoluk, 960 m, 25.07.1999 1♂; Manavgat, Demirciler, 10 m, 17.08.1999 1♀; Demirciler, 65 m, 14.04.2001 1♀; Demirciler, 105 m, 11.05.2001 1♀; Kemer, 06.06.2001 1♀; Termessos, Güllük Dağı, 900-1000 m, 22.07.2001 3♀; Akseki, Murtiçi, 540 m, 25.07.2001 1♂2♀; Manavgat, Demirciler, 40 m, 24.07.2001 4♂2♀; Demirciler, Külcüler, 150 m, 14.10.2001 1♂; Akseki, Güçlüköy, 550 m, 21.04.2002 1♂; Manavgat, Demirciler, 105 m, 22.04.2002 1♀; Gündoğmuş, Çiçekoluk, 960 m, 19.05.2002 1♂; Manavgat, Demirciler, 20 m, 21.06.2002 1♀; Demirciler, 40 m, 20.06.2002 2♀; Demirciler, 40 m, 17.07.2002 1♂1♀; Çığlık, 330 m, 19.07.2002 1♀; Beşkonak, 180 m, 27.08.2003 1♀. It has been collected from *Pistacia terebinthus*, *Myrthus communis*, *Fontanesia philliraoides* and maquis

vegetation. **Distribution in Turkey:** Antalya, Isparta (Dlabela, 1985; Lodos & Kalkandelen, 1986a). **Remarks:** Endemic to Turkey and known to Antalya.

### ***Synprohopsis lauri* (Horváth, 1897)**

**Material:** Güllük Dağı, Araştırma Ormanı, 550 m, 19.07.2002 1♀; Kemer, Çamyuva, 21.08.2001 1♂. On *Laurus nobilis*. **Distribution in Turkey:** Amasya, Ankara, Hatay, İstanbul, Mersin, Rize, Samsun, Sinop, Tokat, Trabzon, Yalova (Lodos & Kalkandelen, 1986a). **Remarks:** New for Antalya.

### ***Docotettix cornutus* Ribaut, 1948**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♂; İbradı, Üzümdere, 470 m, 18.08.1999 1♂; Gündoğmuş, Çiçekoluk, 960 m, 25.07.1999 1♂; Manavgat, Bucakşeyhler, 45 m, 24.07.1999 7♂5♀; Demirciler, 10 m, 17.08.1999 5♂3♀; Demirciler, 65 m, 14.04.2001 1♂; Yukarışıklar-Tilkiler, 460 m, 14.05.2001 1♀; Akseki, Murtiçi, 540 m, 25.07.2001 1♀; Gündoğmuş, Çiçekoluk, 960 m, 25.07.2001 1♀; Manavgat, Demirciler, 40 m, 24.07.2001 1♂; Bucakşeyhler, 45 m, 19.07.2001 1♂; Gündoğmuş, Kalecik, 500 m, 25.07.2001 4♂3♀; Manavgat, Demirciler, Külçüler, 150 m, 14.10.2001 4♀; Evrenleryaşısı, Söylerkale, 250 m, 16.03.2002 2♂9♀; Gündoğmuş, Güneycik, 210 m, 17.03.2002 1♀; Manavgat, Demirciler, Külçüler, 230 m, 22.04.2002 1♂; Demirciler, 105 m, 22.04.2002 1♂2♀; Gündoğmuş, Güneycik, 210 m, 21.04.2002 2♂1♀; Serinyaka, 640 m, 19.05.2002 1♂; Manavgat, Demirciler, 105 m, 18.05.2002 2♀; Demirciler, 105 m, 21.06.2002 4♂6♀; Demirciler, 20 m, 21.06.2002 2♂; Demirciler, 40 m, 20.06.2002 1♂; Güllük dağı, Araştırma Ormanı, 750 m, 19.07.2002 1♂2♀; Serik, Sarıbalı, 18.07.2002 1♂; Kaş, Dirgenler, 265 m, 13.07.2002 1♂1♀; Manavgat, Demirciler, 40 m, 17.07.2002 1♂1♀; Beşkonak, 180 m, 27.08.2003 4♀; Köprülü Kanyon, 495 m, 27.08.2003 1♀; Korkuteli, 30 km W, 670 m, 28.08.2003 1♂2♀. On *Myrthus communis*, *Olea europaea* and *Fontanesia philliraeoides*. **Distribution in Turkey:** Antalya, Aydın, İzmir (Lodos & Kalkandelen, 1986a). **Remarks:** Known to Antalya.

### ***Exitianus capicola* (Stål, 1855)**

**Material:** Manavgat, 21.07.1999 33♂17♀; Alanya, Obaköy, 25 m, 12.08.1999 3♂12♀; Manavgat, Değirmenli, 04.08.1999 1♂; Manavgat, 10.08.1999 3♂6♀; Bucakşeyhler, 24.07.1999 9♂18♀; Bucakşeyhler, 30 m, 23.07.1999 3♂1♀; Manavgat, 26.07.1999 1♂2♀; Manavgat, 18.09.1998 13♂8♀; Bucakşeyhler, 13.08.1999 18♂17♀; Demirciler, 40 m, 21.07.1999 4♂3♀; Demirciler, 10 m, 17.08.1999 6♂2♀; Manavgat, 10 m, 20.07.1999 1♂9♀; Çayyazı, 20.07.1999 1♂2♀; Karöz, 20 m, 22.07.1999 2♂3♀; Kaş, Kalkan, Yeşilköy, 29.07.1999 1♀; Manavgat, Belenobası, 130 m, 15.04.2001 4♂1♀; Demirciler, 65 m, 14.04.2001 1♀; Demirciler, 65 m, 11.05.2001 2♂3♀; Alanya, Okurcalar, 12.05.2001 2♀; Keşefli, 12.05.2001 1♂; Manavgat, Demirciler, 65 m, 05.06.2001 2♂1♀; Taşağıl, 55 m, 07.06.2001 07.06.2001 1♂; Demirciler, 40 m, 05.06.2001 1♀; Beşkonak, 145 m, 07.06.2001 3♂1♀; Finike, Turunçova, 50 m, 06.06.2001 1♀; Alanya, Kargıcak, 21.07.2001 2♂1♀; Manavgat, Ilıca, 16.10.2001 1♂1♀; Çakış, 16.10.2001 1♂1♀; Bucakşeyhler, Seleukeia, 250 m, 23.04.2002 2♂; Demirciler, 105 m, 22.04.2002 1♂; Demirciler, 105 m, 18.05.2002 1♀; Alanya, Kargıcak, 22.07.2002 2♂3♀; Manavgat, Hacıobası, 26.08.2003 1♀; Taşağıl, 55 m, 08.09.2002 5♂11♀; Kemer, Böğürtlenözü, 06.09.2002 9♂1♀; Manavgat, Ilıca, 07.09.2001 3♂; Serik, Dikmen, 26.07.2001 8♂3♀; Gazipaşa, Asarcık, 24.04.2002 2♂3♀; Macarköy, 24.04.2002 2♂; Kumluca, Kavakköy, 18.04.2001 2♂1♀; Finike, Yeşilyurt, 18.04.2001 3♀; Kemer, Çamyuva, 21.08.2001 4♂2♀; Gazipaşa, Çalpinar, 25 m, 09.09.2001 2♂; Kale, Eseler, 55 m, 15.05.2001 2♀. It has been collected from weeds in fields and subtropic vegetation. **Distribution in Turkey:** Adana, Antalya, İzmir, Mersin, Muğla (Lodos & Kalkandelen, 1986a; Başpınar & Uygun, 1992a). **Remarks:** Known to Antalya.

### ***Exitianus fasciolatus* (Melichar, 1911)**

**Material:** Alanya, Okurcalar, 12.05.2001 1♀; Manavgat, Demirciler, 65 m, 11.05.2001 1♀; Demirciler, 105 m, 11.05.2001 1♂1♀; Yukarışıklar-Tilkiler, 460 m, 14.05.2001 1♂; Tilkiler, 470 m, 14.05.2001 1♂; Yaylaalan, 540 m, 14.05.2001 1♀; Gündoğmuş, Çiçekoluk, 960 m, 19.05.2002 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Bitlis, Diyarbakır, Gaziantep, İzmir, Kahramanmaraş, Konya, Mardin, Mersin, Nevşehir, Niğde, Sakarya, Urfa (Lodos & Kalkandelen, 1986a; Başpınar & Uygun, 1992a). **Remarks:** New for Antalya.

***Tetartostylus illyricus* (Kirschbaum, 1868)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♂; Demirciler, 105, 18.05.2002 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Ankara, Edirne, İstanbul (Kalkandelen, 1974; Lodos & Kalkandelen, 1986a). **Remarks:** New for Antalya.

***Laminacutus libanensis* Abdul-Nour, 2002**

**Material:** Manavgat, Bucakşeyhler, 15-26.08.1997 2♀; Kemer, Çamyuva, 21.08.2001 2♂3♀. It has been collected from weeds in *Pinus brutia* forest and light traps. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Platymetopius enatus* Dlabola, 1974**

**Material:** Termessos, Güllük Dağı, 900-1000 m, 19.07.2002 1♂. It has been collected from weeds in *Pinus brutia-Quercus* forest. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Platymetopius guttatus* Fieber, 1869**

**Material:** Manavgat, Demirciler, 10 m, 17.08.1999 1♀. On *Myrthus communis*. **Distribution in Turkey:** Adana, Amasya, Bursa, İzmir, Ordu, Samsun, Sinop, Tokat, Trabzon (Lodos & Kalkandelen, 1986b; Kartal & Zeybekoğlu, 1991; Zeybekoğlu, 1998). **Remarks:** New for Antalya.

***Platymetopius henribauti* Dlabola, 1961**

**Material:** Manavgat, Bucakşeyhler, 24.07.1999 1♀; Demirciler, 20 m, 18.05.2002 1♂. It has been collected from weeds and *Populus*. **Distribution in Turkey:** Ankara, Konya, Sivas (Kalkandelen, 1974; Lodos & Kalkandelen, 1986b; Demir, 2006). **Remarks:** New for Antalya.

***Platymetopius quercinus* Dlabola, 1974**

**Material:** Akseki, Murtiçi, 540 m, 25.07.2001 1♀. On *Quercus*. **Distribution in Turkey:** Adıyaman, Kırşehir, Mardin (Lodos & Kalkandelen, 1986b). **Remarks:** New for Antalya.

***Proceps acicularius* Mulsant et Rey, 1855**

**Material:** Manavgat, Demirciler, 40 m, 14.04.2001 1♀; Demirciler, 40 m, 11.05.2001 1♂; Kemer, 06.06.2001 1♀; Kemer, Çamyuva, 18.04.2001 1♀. On *Sorghum halepense*. **Distribution in Turkey:** Ankara (Dlabola, 1957). **Remarks:** New for Antalya.

***Anoplotettix eckerleini* Dlabola, 1965**

**Material:** Manavgat, Beşkonak, Köprülü Kanyon, 495 m, 07.06.2001 2♀; Demirciler, 20 m, 18.05.2002 1♀; Gündoğmuş, Güneycik, 210 m, 22.06.2002 5♀. On *Arbutus andrachne* and *Pistacia terebinthus*. **Distribution in Turkey:** Antalya (Lodos & Kalkandelen, 1986b). **Remarks:** Known to Antalya.

***Anoplotettix kalkandeleni* Dlabola, 1971**

**Material:** Gündoğmuş, Güneycik, 210 m, 22.06.2002 2♀. On *Arbutus andrachne*. **Distribution in Turkey:** Antalya (Dlabola, 1971). **Remarks:** Endemic to Turkey and known to Antalya.

***Anoplotettix rodosicus* Dlabola, 1974**

**Material:** Gazipaşa, Çalıpınar, 25 m, 12.05.2001 2♀; Güllük Dağı, 750 m, 21.05.2002 8♂1♀; Gazipaşa, Çalıpınar-Kahyalar, 20 m, 20.05.2002 1♀. It has been collected from weeds *Pinus brutia* forest. **Distribution in Turkey:** Antalya, Muğla (Lodos & Kalkandelen, 1986b). **Remarks:** Known to Antalya.

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

**Material:** Manavgat, 10.08.1999 2♂2♀; Bucakşeyhler, 13.08.1999 3♂1♀; Bucakşeyhler, 24.07.1999 1♂1♀; Çayyazı, 20.07.1999 2♂2♀; Demirciler, 40 m, 05.06.2001 1♂; Beşkonak, 145 m, 07.06.2001 1♂; Elmalı, Akçay, 1210 m, 13.07.2002 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Ankara, Amasya, 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, 2006). **Remarks:** New for Antalya.

***Selenocephalus ankarae* Dlabola, 1957**

**Material:** Termessos, Güllük Dağı, 900-1000 m, 22.07.2001 8♀; Güllük Dağı, 540 m, 22.07.2001 2♀; Manavgat, Bucakşeyhler, 45 m, 19.07.2001 1♀; Akseki, Murtiçi, 540 m,

25.07.2001 1♂2♀; Termessos, Güllük Dağı, 900-1000 m, 19.07.2002 5♂4♀; Kumluca, Sarıcasu, 575 m, 13.07.2002 2♂; İbradı, Akşahap-İbradı, 530 m, 21.08.2002 2♀. On *Phlomis*, *Fontanesia philliraoides* and shrubs. **Distribution in Turkey:** Amasya, Ankara, Antalya, Muğla, Tokat (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1986c; Zeybekoğlu, 1998; Demir, 2004b). **Remarks:** Endemic to Turkey and known to Antalya.

### ***Selenocephalus pallidus* Kirschbaum, 1868**

**Material:** Manavgat, Bucakşeyhler, 45 m, 24.07.1999 1♀; Bucakşeyhler 30 m 23.07.1999 1♂; Gündoğmuş, Çiçekoluk, 960 m, 25.07.1999 1♂; Akseki, Murtıçı, 540 m, 25.07.2001 1♂1♀; Gündoğmuş, Kalecik, 500 m, 25.07.2001 2♀; Güneycik, 210 m, 22.06.2002 5♂1♀; Manavgat, Demirciler, 40 m, 20.06.2002 1♂; Serik, Sarıbalı, 18.07.2002 1♂1♀; Kaş, Kemerköy, 260 m, 13.07.2002 3♂1♀; Gündoğmuş, Güneycik, 210 m, 14.07.2002 4♂3♀; Kemer, Olimpos Milli Parkı, 20.08.2002 4♀; Hisarçandır, 770 m, 20.08.2002 3♀; Kumluca, Altınyaka-Karacağaç, 910 m, 20.08.2002 2♂5♀; İbradı, Ormana, 1000 m, 21.08.2002 1♀; Manavgat, Beşkonak, 180 m, 27.08.2003 1♂8♀. On *Cistus creticus*, *Olea europaea* and shrubs. **Distribution in Turkey:** Adana, Ankara, Antalya, Aydın, Bolu, Burdur, Bursa, Çanakkale, Çankırı, Çorum, Denizli, Isparta, İzmir, Kayseri, Kırşehir, Konya, Manisa, Samsun, Sinop, Tokat, Yozgat (Dlabola, 1957; Linnavuori, 1965; Kalkandelen, 1974; Lodos & Kalkandelen, 1986c; Kartal & Zeybekoğlu, 1991). **Remarks:** Known to Antalya.

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

**Material:** Korkuteli, Koru Dağı, Kartal Yaylası, 1600 m, 23.06.2002 1♀. It has been collected from weeds in fields. **Distribution in Turkey:** Adıyaman, Ankara, Antalya, Bolu, Elazığ, Erzincan, Isparta, İzmir, Kahramanmaraş, Karaman, Kayseri, Kırşehir, Malatya, Nevşehir, Ordu (Zachvatkin, 1946; Dlabola, 1957; Linnavuori, 1965; Kalkandelen, 1974; Lodos & Kalkandelen, 1987a; Demir, 2004b, 2006). **Remarks:** Known to Antalya.

### ***Eohardya fraudulenta* (Horváth, 1903)**

**Material:** Manavgat, Bucakşeyhler, Seleukeia, 250 m, 23.04.2002 1♀; Güllük Dağı, Araştırma Ormanı, 750 m, 21.05.2002 3♂; Kemer, Çamyuva, 18.04.2001 1♂. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Ankara, İstanbul (Zachvatkin, 1964; Kalkandelen, 1974; Lodos & Kalkandelen, 1987a; Demir, 2006). **Remarks:** New for Antalya.

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

**Material:** Kemer, Çamyuva, 18.04.2001 2♂2♀. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Ankara, Aydın, Bolu, Bursa, Çankırı, Diyarbakır, Düzce, Erzincan, İzmir, Malatya, Mardin, Sakarya, Sinop, Urfa (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987a). **Remarks:** New for Antalya.

### ***Mocydiopsis monticola* Remane, 1961**

**Material:** Akseki, Güçlüköy, 680 m, 17.04.2001 1♂; Manavgat, Demirciler, 65 m, 05.06.2001 1♀; Taşağıl, 55 m, 07.06.2001 1♀; Beşkonak, 145 m, 07.06.2001 4♀; Demirciler, 40 m, 05.06.2001 8♂16♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana, Diyarbakır, Mersin, Samsun, Sinop, Uşak (Lodos & Kalkandelen, 1987a, Başpınar & Uygun, 1992b). **Remarks:** New for Antalya.

### ***Thamnotettix creticus* Dlabola, 1974**

**Material:** Akseki, Güçlüköy, 680 m, 17.04.2001 3♂1♀; Geriş, 700 m, 17.04.2001 8♂1♀; Gündoğmuş, Güneycik, 210 m, 17.04.2001 1♂; Manavgat, Bucakşeyher, 70 m, 23.04.2002 1♂; Gündoğmuş, Serinyaka, 640 m, 19.05.2002 2♂1♀; İbradı, Başlar, 1440 m, 21.08.2002 1♂. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Amasya, Hatay, Mersin, Samsun, Sinop, Tokat, Osmaniye (Kartal, 1983; Lodos & Kalkandelen, 1987a; Kartal & Zeybekoğlu, 1991). **Remarks:** New for Antalya.

### ***Thamnotettix vittmeri* Dlabola, 1971**

**Material:** Gündoğmuş, Güneycik, 210 m, 17.04.2001 1♀; Manavgat, Demirciler, 65 m, 22.04.2002 1♂; Bucakşeyhler, Seleukeia, 250 m, 23.04.2002 2♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** İzmir, Muğla (Dlabola, 1971). **Remarks:** New for Antalya and endemic to Turkey.

***Thamnotettix zelleri* (Kirschbaum, 1868)**

**Material:** Manavgat, Hocalı, 15.04.2001 1♀; Demirciler, 65 m, 14.04.2001 37♂19♀; Demirciler, Külcüler, 170 m, 15.04.2001 17♂23♀; Demirciler, 40 m, 14.04.2001 19♂17♀; Belenobası, 130 m, 15.04.2001 8♂5♀; Saraçlı, 15.04.2001 5♂7♀; Yaylaalan, 540 m, 14.05.2001 1♂5♀; Tilkiler, 220 m, 14.05.2001 1♂1♀; Demirciler, 65 m, 11.05.2001 6♂3♀; Yukarışıklar-Tilkiler, 460 m, 14.05.2001 1♂18♀; Demirciler, 40 m, 11.05.2001 3♂12♀; Demirciler, 65 m, 05.06.2001 1♂1♀; Beşkonak, 145 m, 07.06.2001 2♀; Demirciler, 40 m, 22.04.2002 10♂14♀; Bucakşeyhler, 70 m, 23.04.2002 5♂1♀; Bucakşeyhler, Seleukeia, 250 m, 23.04.2002 2♂4♀; Demirciler, 105 m, 22.04.2002 4♂; Demirciler, 65 m, 22.04.2002 13♂14♀; Akseki, Geriş-Cemerler, 650 m, 21.04.2002 2♂1♀; Gündoğmuş, Güneycik, 240 m, 21.04.2002 11♂7♀; Güneycik, 240 m, 19.05.2002 1♂3♀; Çiçekoluk, 960 m, 22.06.2002 1♂; Kemer, Çamyuva, 18.04.2001 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Antalya, Aydın, Bursa, Çanakkale, Çorum, Edirne, Hatay, İzmir, Kırklareli, Manisa, Mersin, Muğla, Tekirdağ (Lodos & Kalkandelen, 1987a; Başpınar & Uygun, 1992b). **Remarks:** Known to Antalya.

***Limotettix striola* (Fallén, 1806)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♂; Akseki, Geriş, 700 m, 17.04.2001 2♀; Kaş, İslamlar, 220 m, 15.05.2001 1♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Ağrı, Ankara, Artvin, Bolu, Bursa, Çankırı, Diyarbakır, Erzincan, Erzurum, Iğdır, İstanbul, Kahramanmaraş, Konya, Malatya, Nevşehir, Niğde, Sakarya, Urfa, Van, Zonguldak (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987b). **Remarks:** New for Antalya.

***Euscelidius mundus* (Haupt, 1927)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 15♂18♀; Kemer, Çamyuva, 18.04.2001 3♂6♀; Karabucak, 25.05.2002 5♂11♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Diyarbakır, Erzurum, Gaziantep, Hatay, Isparta, İzmir, Mardin, Mersin, Urfa, Van (Linnavuori, 1965; Kalkandelen, 1974; Lodos & Kalkandelen, 1987b; Başpınar & Uygun, 1992b). **Remarks:** New for Antalya.

***Euscelidius schencki* (Kirschbaum, 1868)**

**Material:** Manavgat, Demirciler, 40 m, 05.06.2001 1♂3♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Bursa, Diyarbakır, İzmir, Mersin, Siirt (Kalkandelen, 1974; Lodos & Kalkandelen, 1987b; Başpınar & Uygun, 1992b). **Remarks:** New for Antalya.

***Euscelidius variegatus* (Kirschbaum, 1858)**

**Material:** Manavgat, Evrenleryavşı, Söylerkale, 250 m, 16.03.2002 1♂2♀. On *Cistus creticus*. **Distribution in Turkey:** Bursa, İstanbul (Lodos & Kalkandelen, 1987b). **Remarks:** New for Antalya.

***Euscelis alsioides* Remane, 1967**

**Material:** Manavgat, Demirciler, 65 m, 14.04.2001 1♂; Alanya, Okurcalar, 12.05.2001 7♂6♀; Manavgat, Yukarışıklar, 200 m, 14.05.2001 2♀; Tilkiler, 220 m, 14.05.2001 1♂; Demirciler, 105 m, 11.05.2001 1♀; Demirciler, 40 m, 05.06.2001 3♂9♀; Alanya, Okurcalar, 20.05.2002 1♂. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

***Euscelis alsius* Ribaut, 1952**

**Material:** Manavgat, Bucakşeyhler, 15-26.08.1997 2♀; Gündoğmuş, Çiçekoluk, 960 m, 25.07.1999 1♂7♀; Serinyaka, 700 m, 25.07.1999 1♂3♀; Manavgat, Demirciler, 65 m, 21.07.1999 1♂; Korkuteli, Yazır-İmrahor, 950 m, 27.07.1999 1♀; Gazipaşa, Çalınar, 25 m, 12.05.2001 8♂10♀; Alanya, Okurcalar, 12.05.2001 7♂5♀; Keşefli, 12.05.2001 1♀; Manavgat, Yukarışıklar-Tilkiler, 460 m, 14.05.2001 1♂1♀; Demirciler, 40 m, 11.05.2001 1♂; Demirciler, 65 m, 11.05.2001 1♂; Beşkonak, 145 m, 07.06.2001 4♂4♀; Demirciler, 65 m, 05.06.2001 3♂2♀; Taşağul, Kilimli, 40 m, 03.06.2001 1♀; Taşağul, 55 m, 07.06.2001 1♂1♀; Demirciler, 40 m, 05.06.2001 4♂; Gündoğmuş, Güneycik, 210 m, 08.06.2001 7♂2♀; Çiçekoluk, 960 m, 25.07.2001 2♂1♀; Güllük Dağı, Araştırma Ormanı, 750 m, 21.05.2002 1♀; Gazipaşa, Çalınar-Kahyalar, 20 m, 20.05.2002 21♂6♀; Alanya, Yeşilköy, 20.05.2002 1♂3♀; Gündoğmuş, Serinyaka, 625 m, 22.06.2002 1♀; Korkuteli, Söğütcük, 1010 m, 13.07.2002 2♂. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Bolu, Mersin, Nevşehir, Niğde, Sakarya, Van

(Linnavuori, 1965; Kalkandelen, 1974; Başpınar & Uygun, 1992b). **Remarks:** New for Antalya.

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

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 2♀; Bucakşeyhler, 45 m, 24.07.1999 1♂; Bucakşeyhler, 30 m, 23.07.1999 1♂; Çayyazı, 20.07.1999 1♂. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Burdur, Edirne, Eskişehir, Isparta, Kayseri, Kocaeli, Mersin (Dlabola, 1957; Kalkandelen, 1974; Başpınar & Uygun, 1992b ; Demir, 2004b, 2006). **Remarks:** New for Antalya.

### ***Euscelis lineolatus* Brullé, 1832**

**Material:** Manavgat, Belenobası, 130 m, 15.04.2001 2♂1♀; Demirciler, 65 m, 14.04.2001 1♀; Hocalı, 215 m, 15.04.2001 1♂3♀; Akseki, Geriş, 700 m, 17.04.2001 3♀; Alanya, Okurcalar, 12.05.2001 1♀; Manavgat, Yukarışıklar-Tilkiler, 460 m, 14.05.2001 1♀; Yaylaalan, 540 m, 14.05.2001 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Ankara, Artvin, Balıkesir, İzmir, Kırıkkale, Kırklareli, Kırşehir, Konya, Malatya, Manisa, Niğde, Samsun, Trabzon, Uşak (Kerville, 1939; Lodos & Kalkandelen, 1987b; Kartal & Zeybekoğlu, 1991). **Remarks:** New for Antalya.

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

**Material:** Erenkaya, 680 m, 25.07.1999 1♀; Elmalı, 1080 m, 28.07.1999 2♂3♀; Korkuteli, Beğiş-Karabayır, 1310 m, 06.06.2001 1♂; Gündoğmuş, Çiçekoluk, 960 m, 25.07.2001 1♀; Korkuteli, Koru Dağı, Kartal Yaylası, 1600 m, 23.06.2002 2♂1♀; Akseki, Erenkaya, 630 m, 22.06.2002 1♀; Güllük Dağı, Araştırma Ormanı, 550 m, 19.07.2002 22♂19♀; Elmalı, Gökpinar, 1200 m, 13.07.2002 6♂3♀; Korkuteli, Söğütçük, 1010 m, 13.07.2002 8♂17♀; Elmalı, Çıglıkara, 1600 m, 28.08.2003 2♂3♀; Çıglıkara, 1820 m, 28.08.2003 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Ağrı, Ankara, Balıkesir, Çankırı, Diyarbakır, Edirne, Gaziantep, İzmir, Kırklareli, Urfa, Van, Zonguldak (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987b; Demir, 2004b, 2006). **Remarks:** New for Antalya.

### ***Zercanus rubrocellatus* Dlabola, 1965**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Adana (Lodos & Kalkandelen, 1987b). **Remarks:** New for Antalya.

### ***Paralimnus phragmitis* (Boheman, 1847)**

**Material:** Manavgat, 10.08.1999 1♀. On *Arundo donax*. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

### ***Paralimnellus cingulatus* (Dlabola, 1960)**

**Material:** Manavgat, Örenşehir, 15.10.2001 1♂. It has been collected from weeds in subtropic vegetation. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

### ***Arocephalus languidus* (Flor, 1861)**

**Material:** Manavgat, Bucakşeyhler, 13.08.1999 1♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Ankara, Kars (Lodos & Kalkandelen, 1987c). **Remarks:** New for Antalya.

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

**Material:** Elmalı, 1080 m, 28.07.1999 18♂14♀; Akçay, 1100 m, 29.07.1999 1♂; Finike, Turunçova, 50 m, 06.06.2001 2♂3♀; Kemer, 06.06.2001 14♂14♀; Akseki, Erenkaya, 630 m, 22.06.2002 10♂2♀; Korkuteli, Koru dağı, Kartal Yaylası, 1600 m, 23.06.2002 13♂13♀; Datköy, 960 m, 13.07.2002 35♂35♀; Ulucak, 1165 m, 13.07.2002 6♂5♀; Söğütçük, 1010 m, 13.07.2002 2♂; Elmalı, Çıglıkara, 1820 m, 28.08.2003 1♀; Çıglıkara, 1600 m, 28.08.2003 2♂2♀; Kemer, Çamyuva, 18.04.2001 13♂5♀; Kale, Köşkerler, 240 m, 15.05.2001 27♂19♀; Kumluca, Kavakdibi, 130 m, 24.06.2002 31♂48♀; Finike, Turunçova, 06.09.2002 3♂8♀; Kemer, 06.09.2002 1♂4♀ Düzlerçami, 280 m, 22.07.2001 1♀; Finike, 06.06.2001 1♀; Güllük Dağı, Araştırma Ormanı, 750 m, 21.05.2002 2♀; Elmalı, Akçay, 1210 m, 13.07.2002 1♂1♀; Gökpinar, 1200 m, 13.07.2002 14♂17♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Amasya, Ankara, Balıkesir, Bolu, Bursa, Çorum, Diyarbakır, Erzincaan, Erzurum, Hakkari, Iğdır, Kastamonu, Konya, Malatya, Mardin, Mersin, Muş, Nevşehir, Sakarya, Samsun, Siirt, Sinop, Uşak, Van, Yozgat



(Kalkandelen, 1974; Lodos & Kalkandelen, 1987c; Kartal et. al, 1991, 2001; Demir, 2004b, 2006). **Remarks:** New for Antalya.

### ***Psammotettix cerinus* (Lindberg, 1948)**

**Material:** Manavgat, 21.07.1999 5♂2♀; Manavgat, 10 m, 20.07.1999 5♀; Bucakşeyhler, 30m, 23.07.1999 1♂3♀; Çayyazı, 20.07.1999 7♂11♀; Karaöz, 20 m, 22.07.1999 1♂; Değirmenli, 04.08.1999 1♂; Demirciler, 10 m, 17.08.1999 1♂1♀; Bucakşeyhler, 13.08.1999 5♂4♀; Bucakşeyhler, 24.07.1999 1♂3♀; Manavgat, 18.09.1998 2♀; Manavgat, 26.07.1999 1♂; Manavgat-Çeltikçi, 14.04.2001 1♂; Demirciler, 65 m, 14.04.2001 1♀; Demirciler, Külcüler, 170 m, 15.04.2001 1♂; Belenobası, 130 m, 15.04.2001 13♂6♀; Yaylaalan, 540 m, 14.05.2001 2♂; Alanya, Okurcalar, 12.05.2001 1♂3♀; Keşefli, 12.05.2001 1♂; Manavgat, Beşkonak, 145 m, 07.06.2001 1♂; Demirciler, 40 m, 05.06.2001 1♂; Bucakşeyhler, 70 m, 23.04.2002 2♂6♀; Alanya, Yeşilköy, 20.05.2002 3♀; Okurcalar, 20.05.2002 1♀; Gazipaşa, Çalpinar-Kahyalar, 20 m, 20.05.2002 1♀; Manavgat, Demirciler, 40 m, 20.06.2002 1♂; Alanya, Kargıcak, 22.08.2002 1♀. It has been collected from weeds in fields and subtropic vegetation. **Distribution in Turkey:** Adana, Hatay, Mersin (Dlabola, 1957; Linnavuori, 1965; Lodos & Kalkandelen, 1987c; Başpınar & Uygun, 1992b). **Remarks:** New for Antalya.

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

**Material:** Elmalı, Tekkeköy, 1100 m, 28.08.2003 1♂. It has been collected from weeds in fields. **Distribution in Turkey:** Adana, Ağrı, Balıkesir, Bitlis, Edirne, Erzincan, Erzurum, Giresun, Hakkari, Iğdır, Isparta, Konya, Ordu, Samsun, Sivas, Van (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987c; Kartal et. al., 1991, 2001). **Remarks:** New for Antalya.

### ***Psammotettix nodosus* (Ribaut, 1925)**

**Material:** Antalya: Manavgat, 10 m, 20.07.1999 5♂5♀; Alanya, Okurcalar, 20.05.2002 6♂4♀ Alanya, Okurcalar, 12.05.2001 1♂. It has been collected from weeds in fields. **Distribution in Turkey:** There is no record from Turkey. **Remarks:** New for Turkey.

### ***Psammotettix pictipennis* (Kirschbaum, 1868)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 1♂1♀; Akseki, Erenkaya, 680 m, 25.07.1999 3♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Bartın, Bolu, Çankırı, Çorum, Erzincan, Hakkari, Iğdır, Kahramanmaraş, Kayseri, Karaman, Kocaeli, Malatya, Niğde, Urfa, Van (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987c; Kartal et. al., 2001). **Remarks:** New for Antalya.

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

**Material:** Elmalı, Çobanisa, 1240m, 27.07.1999 3♂1♀; Gündoğmuş, Serinyaka, 700 m, 25.07.1999 1♀; Manavgat, Çayyazı, 20.07.1999 1♂; Akseki, Geriş, 700 m, 17.04.2001 17♂18♀; Güçlüköy, 680 m, 17.04.2001 2♂5♀; Gündoğmuş, Çiçekoluk, 960 m, 25.07.2001 2♂; Alanya, Yeşilköy, 20.05.2002 2♂2♀; Gündoğmuş, Güneycik, 240 m, 10.09.2002 2♂3♀; Kemer, Böğürtlenözü, 18.04.2001 7♂19♀; Kaş, Kalkan, Üzümlü, 285 m, 15.05.2001 2♂5♀; Gündoğmuş, Serinyaka, 640 m, 19.05.2002 1♀; İbradı, Akşahap-İbradı, 530 m, 21.08.2002 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Antalya, Bolu, Çankırı, Diyarbakır, Edirne, Erzurum, İstanbul, İzmir, Kayseri, Konya, Mersin, Nevşehir, Sakarya, Samsun, Van (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987c; Kartal & Zeybekoğlu, 1991; Başpınar & Uygun, 1992b; Demir, 2006). **Remarks:** Known to Antalya.

### ***Psammotettix striatus* (Linnaeus, 1758)**

**Material:** Manavgat, Bucakşeyhler, 18-28.06.1997 26♂26♀; Bucakşeyhler, 15-26.08.1997 2♂1♀; Manavgat, 10.08.1999 1♂7♀; Manavgat, 21.07.1999 5♂11♀; Manavgat, 26.07.1999 1♀; Bucakşeyhler, 30 m, 23.07.1999 1♂1♀; Değirmenli, 4.08.1999 2♀; Bucakşeyhler, 13.08.1999 5♂8♀; Bucakşeyhler, 45 m, 24.07.1999 1♂; Demirciler, 10 m, 17.08.1999 1♂1♀; Demirciler, 40 m, 21.07.1999 1♂; Demirciler, 65 m, 21.07.1999 1♀; Bucakşeyhler, 24.07.1999 3♂4♀; Manavgat, 18.09.1998 5♂4♀; Demirciler, 65 m, 14.04.2001 2♀; Belenobası, 130 m, 15.04.2001 1♂2♀; Manavgat-Çeltikçi, 14.04.2001 1♂; Taşağıl, Sağrın, 40 m, 03.06.2001 2♂; Demirciler, 65 m, 05.06.2001 6♂7♀; Beşkonak, 145 m, 07.06.2001 43♂51♀; Bucakşeyhler, 22.07.2003 2♂10♀; Hacıobası, 26.08.2003 1♂1♀; Manavgat, Yaylaalan, 540 m, 14.05.2001 1♀; Taşağıl, Kilimli, 40 m, 03.06.2001 3♀; Taşağıl, 55 m, 07.06.2001 5♀; Alanya, Kargıcak, 21.07.2001 1♀; Manavgat, Demirciler, 65 m, 22.04.2002

1♂; Bucakşeyhler, 70 m, 23.04.2002 4♀; Demirciler, 105 m, 18.05.2002 1♀; Demirciler, 20 m, 18.05.2002 1♀; Manavgat, Demirciler, 40 m, 20.06.2002 4♂3♀; Demirciler, 20 m, 21.06.2002 1♂; Demirciler, 40 m, 17.07.2002 1♂; Serik, Dikmen, 18.07.2002 1♀. It has been collected from weeds in fields and *Pinus brutia* forest. **Distribution in Turkey:** Adana, Ankara, Kayseri, Kocaeli, Konya, Mersin, Nevşehir, Samsun (Dlabola, 1957; Kalkandelen, 1974; Kartal & Zeybekoğlu, 1991; Başpınar & Uygun, 1992b). **Remarks:** New for Antalya.

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

**Material:** Akseki, Güçlüköy, 680 m, 17.04.2001 1♂. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Ankara, Bolu, Çankırı, Erzincan, Kars, Kayseri, Niğde, Van (Dlabola, 1957; Kalkandelen, 1974; Lodos & Kalkandelen, 1987d; Demir, 2004b, 2006). **Remarks:** New for Antalya.

### ***Jassargus kurdicus* Remane and Schulz, 1976**

**Material:** Düzlerçamı, 280 m, 22.07.2001 1♂4♀. It has been collected from weeds in *Pinus brutia* forest. **Distribution in Turkey:** Kırıkkale (Lodos & Kalkandelen, 1987d). **Remarks:** New for Antalya.

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Table 1. New records for Turkey that collected from Antalya province in South Turkey according to the present paper.

<b>Subfamily</b>	<b>New record for Turkey</b>
Macropsinae	<i>Macropsis albae</i> Wagner, 1950
Iassinae	<i>Iassus pseudocerris</i> Abdul-Nour, 1998
Aphrodinae	<i>Anoscopus assimilis</i> (Signoret, 1879)
Typhlocybinæ	<i>Ribautiana cruciata</i> (Ribaut, 1931)
Typhlocybinæ	<i>Eupteryx insulana</i> (Ribaut, 1948)
Deltocephalinae	<i>Fieberiella chioscola</i> Meyer-Arndt, 1988
Deltocephalinae	<i>Laminacutus libanensis</i> Abdul-Nour, 2001
Deltocephalinae	<i>Platymetopius enatus</i> Dlabola, 1974
Deltocephalinae	<i>Euscelis alsioides</i> Remane, 1967
Deltocephalinae	<i>Paralimnus phragmitis</i> (Boheman, 1847)
Deltocephalinae	<i>Paralimnellus cingulatus</i> (Dlabola, 1960)
Deltocephalinae	<i>Psammotettix nodosus</i> (Ribaut, 1925)