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Contribution to the Knowledge of the Bombyliidae of Turkey (Diptera)

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Abstract: This paper presents 187 species in 46 genera based on material collected and observations made on Bombyliidae in Turkey from 1996 to 2004, faunistic and detailed distributional data are presented. Of which, 60 species and 7 genera (*Cononedys*, *Ligyra*, *Mariobezzia*, *Oestranthrax*, *Plesiocera*, *Pterobates*, and *Veribubo*) are new for the Turkish fauna. Additionally, new distribution areas are added to all of the species. Total species have been recorded occurring in Turkey compile 254 species in 47 genera. Where possible, the genitalia of the species were checked to confirm the determination of the specimens.

Key words: Diptera, Bombyliidae, fauna, biocontrol agent, distribution, Turkey.

Introduction

The Bombyliidae also known, as "Bee flies", are a large family of Diptera, with almost 4500 valid species described worldwide. They occur on all continents except Antarctica; however, their highest diversities occur in semi-arid and arid environments (HULL 1973). They are very diverse and remarkable insects in size, appearance and colour, many of them resembling wasps, bees and even mosquitoes. Many have the proboscis very long and slender. The adults are found on flowers, resting on the ground or hovering in open sunny places. Nearly all of them are nectar and pollen feeders and therefore a factor in the fertilisation chain of wild plants and annual flowers in arid and semiarid areas (HEARD et al. 1990). The immature stages of most Bombyliidae are unknown, they are being considered mainly as parasitic or predacious on immatures of other insects (e.g. Orthoptera, Neuroptera, Coleoptera, Lepidoptera, and Hymenoptera). Therefore, the Bombyliidae could, in the future result in being economically important as biological pest control agents.

Some important studies have previously been conducted back in 1920s and 1930s by PARAMONOV (1925, 1926a, 1926b, 1928, 1929, 1931), ENGEL (1932-1937) and AUSTEN (1937) on taxonomy of various genera of Bombyliidae. Later, ZAITZEV (1960, 1961, 1966, 1969, 1971, 1973, 1974a, 1974b, 1975, 1976a, 1976b, 1976c, 1976d, 1977, 1978, 1980, 1981, 1995, 1996, 1997, 1999) had significant publications on Bombyliidae in various countries describing many new species. BECKER (1916) described several species from Turkey. FRANÇOIS (1966, 1967) made two valuable contributions on this group of insects. BOWDEN (1967a, 1967b) described new species of the genera *Conophorus* MEIGEN and *Heterotropus* LOEW from Turkey. Recently, EVENHUIS & GREATHEAD

(1999) have prepared a "World Catalog of Bee Flies". We should note that above mentioned scientists had described many species from Turkey.

In Turkey, Bombyliidae have received much less attention from native scientists than many other insect groups. However, HASBENLI & AKTAŞ (1995) studied the species of the genus *Conophorus* MEIGEN occurring in Turkey. HASBENLI (1997) and HASBENLI et al., (1998) contributed to the genus *Hemipenthes* Loew and described a new species of *Conophorus* from Turkey. More recently, HASBENLI & EVENHUIS (2000) have prepared a "Checklist of the Bombyliidae of Turkey" with some new records.

Present paper deals with the Bombyliid fauna of Turkey, especially the eastern and southern part of the country where the biological crossroad of Asia, Europe and Africa meet. In the Palaearctic region, many genera of Bombyliidae are found around the Mediterranean Sea (Images are predominantly heliophilic). Data on distribution of species were taken from EVENHUIS & GREATHEAD (1999).

Results

The result of the present study is the identification of 187 species in 46 genera. Of which, 60 species and 7 genera are new for the Turkish fauna.

Genus *Cyllenia* LATREILLE 1802

Cyllenia marginata LOEW 1846

Distribution Albania, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, France, Greece, Gruzia, Iran, Israel, Italy, (incl. Sicily), Macedonia, Romania, Slovenia, Turkey, Turkmenistan, former Yugoslavia.

Material: Adiyaman: Nemrut Dağı, 37°56'51,1" N-38°43'47,9" E, 30.06.2004 (Dils J.-Faes J.). Ağrı: Hayrangöl, 39°46'45" N-42°27'45,4" E, 25-07-2003 (Garrevoet T.C., W.). Erzurum: Tortum, 40°19'35" N-41°33'1,2"E, 27.07.2004 (Dils J.-Faes J.); Kireçli geçidi, 40°20'40,3"N-41°38'2,1" E, 27.07.2004 (Dils J.-Faes J.). Hakkari: Tanin geçidi, 37°28'10,7" N-42°55'44,9" E, 10-07-2004 (Dils J.-Faes J.); Süvrihalil geçidi, 37°29'48,6" N-43°22'38,8" E, 12.07.2004 (Dils J.-Faes J.). İçel: Çatak, 36°41'7" N-33°46'41" E,, 22.07,2000 (Dils J.-Faes J.); Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J.-Faes J.). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11-06-1999 (Dils J.-Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20-07-2000 (Dils J.-Faes J.); Yelibeli geçidi, 36°49'49,5" N-32°56'34" E, 20-06-2004 (Dils J.-Faes J.); Yelibeli geçidi, 36°49'46,7"N-32°56'0,6" E, 19-06-2004 (Dils J.-Faes J.). Kars: Sarıkamış, 40°15'47,5" N-42°39'31,8" E, 21.07.2004 (Dils J., Faes J.). Kayseri: Erciyes geçidi (Tekir) 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.). Malatya: Reşadiye geçidi, 37°58'3" N-37°59'27,3" E, 29.06.2004 (Dils J., Faes J.) ; Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.); Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.); Kuzgunkıran geçidi, 38°22'36,4" N-42°47'7,8" E, 15.07.2004 (Dils J., Faes J.).

Cyllenia obsoleta LOEW 1846

Distribution: Iran, Turkey.

Material: Isparta: Keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.) ; Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). İzmir: Kavakdere, 38°6'17" N-26°51'8" E, 30.04.2001 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, E. 19.06.1999 (Dils J., Faes J.). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.).

***Cyllenia rustica* ROSSI 1790**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Belarus, Czech Republic, France, Germany, Greece, Gruzia, Hungary, Italy, (incl. Sicily), Macedonia, Moldova, Poland, Romania, Russia (SET), Slovakia, Spain, Switzerland, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.) ; Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.). **New for the Turkish fauna.**

Genus *Amictus* WIEDEMANN 1817***Amictus pictus* LOEW 1969**

D i s t r i b u t i o n : Algeria, Armenia, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Greece, Gruzia, Italy (incl. Sardinia), Macedonia, Slovenia, former Yugoslavia.

M a t e r i a l : Adana: Doğanbeyli, 38°9'41" N-36°6'23" E, 27.07.2000 (Dils J., Faes J.). Adıyaman: Halkuto, 37°57'45" N-38°44'42" E, 25.07.2000 (Dils J., Faes J.). Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.); Arapsuyu, N-12.07.1999 ((Özbek H); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

***Amictus scutellaris* LOEW 1869**

D i s t r i b u t i o n : Greece, Iran, Turkey.

M a t e r i a l : İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.).

***Amictus setosus* LOEW 1869**

D i s t r i b u t i o n : Egypt, Greece, Israel, Turkey.

M a t e r i a l : Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.); Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.).

***Amictus validus* LOEW 1869**

D i s t r i b u t i o n : Afghanistan, Algeria, Armenia, Azerbaijan, Bulgaria, Cyprus, Egypt, Greece, Gruzia, Iran, Israel, Italy, Lebanon, Libya, Macedonia, Moldova, Morocco, Romania, Russia (SET), Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Adana: Doğanbeyli, 38°9'41" N-36°6'23" E, 27.07.2000 (Dils J., Faes J.). Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Çanakkale: Çardak, 40°23'47" N-26°46'44" E, 18.07.2000 (Dils J., Faes J.); Çardak, 40°23'47" N-28°48'44" E, 18.07.2000 (Dils J., Faes J.). Edirne: İpsala, 40°52'34" N-26°31'8" E, 18.07.2000 (Dils J., Faes J.). Erzurum: Yumaklı, 40°14'21,1" N-41°31'9,4" E, 24.07.2004 (Özbek H). Eskişehir: İnönü, 39°47'43" N-30°12'40" E, 19.07.2000 (Dils J., Faes J.). İçel: Güzeloluk, 36°44'34" N-34°8'12" E, 23.07.2000 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Kayseri: Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.); Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Konya: Karasınır, 37°13'14" N-32°38'25" E, 19.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Niğde: Maden, 37°27'33" N-34°36'37" E, 29.07.2000 (Dils J., Faes J.); Elmalı, 37°57'1" N-35°5'7" E, 28.07.2000 (Dils J., Faes J.). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Dils J., Faes J.).

Genus *Conophorus* MEIGEN 1803***Conophorus aktashi* HASBENLI 1998**

D i s t r i b u t i o n : Turkey.

M a t e r i a l : Aksaray: Güzelyurt, 38°15'13" N-34°25'19" E, 13.06.1999 (Dils J., Faes J.). Erzurum: Hacıömer, 39°35'48,4" N-41°44'49,2" E, 05.07.1996 (Dils J., Faes J.). Kahramanmaraş: Afşin, 38°14'59,6" N-36°55'42,6" E, 09.06.1996 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.).

***Conophorus glaucescens* LOEW 1863**

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Bulgaria, Croatia, Greece, Gruzia, Israel, Italy, Moldova, Russia, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Konya, Bayağaç, 1190 m, N- 37°23'29,2" E-31°47'46,6", 20.05.2005 (J. Dils-J. Faes).

***Conophorus nobilis* LOEW 1873**

D i s t r i b u t i o n : Armenia, Azerbaijan, Gruzia, Iran, Russia (SET), Turkey, Turkmenistan.

M a t e r i a l : Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Erzurum: 21 km N Tekman, 28.06.2000 (Van Oorschot H.). Van: Bozburun, 39°59'38" N-40°33'37,1" E, 26.07.2004 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.); Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.).

***Conophorus rjabovi* PARAMONOW 1929**

D i s t r i b u t i o n : Armenia, Azerbaijan, Gruzia, Moldova, Russia (SET), Turkey, Ukraine.

M a t e r i a l : Aydın: Kuşadası, 28.04.2001 (Janssens J.); Kuşadası, 37°52'49" N-27°16'4" E, 19.04.1999 (Dils J., Faes J.). Çanakale: Babadere, 39°32'51" N-26°7'32" E, 20.04.2001 (Dils J., Faes J.). Çanakale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). İçel: Kızkalesi, 23.03.1999 (Janssens J.).

***Conophorus rossicus* PARAMONOW 1929**

D i s t r i b u t i o n : Armenia, Azerbaijan, Czech Republic, Gruzia, Hungary, Iran, Italy, Moldova, Morocco, Poland, Romania, Russia (SET), Slovakia, Turkey, Ukraine.

M a t e r i a l : İzmir: Yenibağarası, 38°40'8" N-26°52'59" E, 30.04.2001 (Dils J., Faes J.). Kavakdere, 38°6'17" N-26°51'8" E, 30.04.2001 (Dils J., Faes J.).

***Conophorus simplex* LOEW 1869**

D i s t r i b u t i o n : Israel, Turkey.

M a t e r i a l : Nevşehir: Ürgüp, 15.05.2003 (Dils J., Faes J.); Ürgüp, 15.05.2003 (Garrovet T.C. & J.).

***Conophorus storthus* BOWDEN 1967**

D i s t r i b u t i o n : Turkey.

M a t e r i a l : Konya: Hill S of Gökçimen, 37°33'33" N-31°47'54" E, 21.05.1999 (Garrovet T.C.).
Type locality of this species is Turkey. Present knowledge shows that *C. storthus* is endemics for Turkey.

***Conophorus syriacus* PARAMONOW 1929**

Distribution: Armenia, Azerbaijan, Iran, Syria, Turkey.

Material: Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). İzmir: Yenibağarası, 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.). Karaman Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.); Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.); Yelibeli geçidi, 36°49'49,5" N-32°56'34,3" E, 20.06.2004 (Dils J., Faes J.). Type locality is Asia Minor, Taurus Cilic (EVENHUIS & GREATHEAD 1999). Our records extend the distribution area of *C. syriacus* considerably westward, its westernmost occurrence is Çanakkale.

***Conophorus virescens* FABRICIUS 1787**

Distribution: Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belerus, Belgium, Chine, Czech Republic, Egypt, Greece, Estonia, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Latvia, Lithuania, Moldova, Poland, Portugal, Russia (CET, SET), Slovakia, Spain, Switzerland, Turkey, Ukraine.

Material: İzmir: Yenibağarası, 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.).

Genus *Prorachtes* LOEW 1869***Prorachtes beckeri* PARAMONOW 1927**

Distribution: Armenia, Azerbaijan, Bulgaria, Gruzia, Hungary, Italy, Moldova, Russia (SET), Ukraine.

Material: Karaman: Yelibeli Geçidi, 36°49'46.7" N-32°56'0.8"E, 19.06.2004 (Dils J., Faes J.). Kayseri: Erciyes Geçidi, 38°36'43.7"N-36°31'7.8"E, 04.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** These records in central Turkey mark the southernmost occurrence of this species.

***Prorachtes pleskei* PARAMONOW 1926**

Distribution: Armenia, Azerbaijan, Gruzia, Iran.

Material: Kahramanmaraş: Afşin, 38°14'43,9" N-36°55'39,6" E, 10.06.1998 (Van Den Heuvel R.). **New for the Turkish fauna.** This record extends the distribution area of *P. pleskei* considerable westward. Turkey (Kahramanmaraş) is westernmost distribution point of this species.

Genus *Eclimus* LOEW 1844***Eclimus gracilis* LOEW 1844**

Distribution: France, Greece, Israel, Italy, Libya, Macedonia, Morocco, Turkey, former Yugoslavia.

Material: Aydın: Savandere, 37°43'43" N-27°53'42" E, 21.04.2001 (Dils J., Faes J.). İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.). Isparta: Aksu, 37°47'31" N-31°6'12" E, 12.06.1999 (Dils J., Faes J.). Muğla: Mumcular, 37°2'46" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.).

Genus *Legnotomyia* BEZZI 1855***Legnotomyia singularis* MACQUART 1846**

Distribution: Algeria, Armenia, Iran, Israel, Tunisia, Turkey.

Material: Adana: Saraycık, 38°10'28,7" N-35°56'20,3" E, 03.07.2004 (Dils J., Faes J.). Hakkari: Süvarihalil geçidi, 37°29'49,7" N-43°22'19,8" E, 11.07.2004 (Dils J., Faes J.). Kayseri: Bakırdağı, 38°13'38" N-35°25'6" E, 25.06.2004 (Dils J., Faes J.).

***Legnotomyia trichorhoea* LOEW 1855**

D i s t r i b u t i o n : Greece, Iraq, Israel, Italy, Macedonia, Syria, former Yugoslavia.

M a t e r i a l : İçel: Güzeloluk, 36°44'34" N-34°8'8,12" E, 15.06.1999 (Dils J., Faes J.). **New for the Turkish fauna.**

Genus *Usia* LATREILLE 1802***Usia bicolor* MACQUART 1855**

D i s t r i b u t i o n : Bosnia-Hercegovina, Croatia, Egypt, Greece, Israel, Italy, Kyrgyz Republic, Lebanon, Slovenia, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Karaman: Yellibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.). Kayseri: Göksun, 38°10'58,7" N-36°27'24,1" E, 02.07.2004 (Dils J., Faes J.). Püren geçidi, 37°56'19,8" N-36°30'44,7" E, 02.07.2004 (Dils J., Faes J.).

***Usia calva* LOEW 1869**

D i s t r i b u t i o n : Israel, Syria, Turkey.

M a t e r i a l : Muğla: Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.). Tokat: Sarıgöl, 38°11'5" N-28°41'4" E, 10.06.1999 (Dils J., Faes J.).

***Usia lata* LOEW 1846**

D i s t r i b u t i o n : Greece, Italy, Macedonia, Turkey, former Yugoslavia.

M a t e r i a l : Kayseri: Erciyes geçidi (Tekir), 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.). Muğla: Marmaris, 36°50'51,2" N-28°14'34,2" E, 15.05.1999 (Dils J., Faes J.).

***Usia transcaspica* PARAMONOW 1950**

D i s t r i b u t i o n : Armenia, Azerbaijan, Macedonia, Turkmenistan, Uzbekistan.

M a t e r i a l : Adıyaman: Nemrut Dağı, 01.06.1995 (Van Oorschot H.). **New for the Turkish fauna.**

Genus *Toxophora* MEIGEN 1803***Toxophora fasciculata* VILLERS 1789**

D i s t r i b u t i o n : Afrotropical: Sudan. Palaearctic: Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Romania, Russia, Hungary, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

M a t e r i a l : Afyon: 10 km E of Dazkırı, 37°50'45" N-29°46'11" E, 10.06.1999 (Dils J., Faes J.). Antalya: Demirtaş, 36°26'43" N-32°13'43" E, 13.11.2000 (Dils J., Faes J.). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.).

Genus *Mariobezzia* BECKER 1913***Mariobezzia lichtwardti* BECKER 1913**

D i s t r i b u t i o n : India, Pakistan, Egypt, Iran, Israel, Turkmenistan.

Material: İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** This record in Turkey (İçel) marks westernmost occurrence of this species.

Genus *Apolysis* LOEW 1860

***Apolysis fumipennis* LOEW 1844**

Distribution: Greece, Turkey.

Material: Muğla: Mumcular, 37°49" N-27°40'54" E, 29.04.2001 (Dils J., Faes J.); Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.).

Genus *Geron* MEIGEN 1820

***Geron asiaticus* ZAITZEV 1967**

Distribution: Tajikistan, Uzbekistan.

Material: Adıyaman: Halkuto, 37°57'45" N-38°44'42" E, 25.07.2000 (Dils J., Faes J.). Erzurum: Bozburun, 39°59'38" N-40°33'37,1" E, 26.07.2004 (Dils J., Faes J.). İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** This record extends the distribution area of *G. asiaticus* considerably westward. Turkey (İçel) is westernmost distribution point of this species.

***Geron auratus* ZAITZEV 1962**

Distribution: Armenia, Azerbaijan, Gruzia.

Material: Kayseri: Yahyalı, 37°58'47" N-35°22'15" E, 28.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** This record extends the distribution area of *G. auratus* considerably westward. Turkey (Kayseri) is westernmost distribution area of this species.

***Geron emilliae* ZAITSEV 1964**

Distribution: Kazakhstan, Ukraine.

Material: Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Konya: Hasaşehir, 37°45'20" N-32°1'40" E, 30.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** This record extends the distribution area of *G. emilliae* considerably westward. This record in central Turkey (Kayseri) marks the westernmost occurrence of this species.

***Geron gibbosus* OLIVIER 1789**

Distribution: France, Greece, Israel (Other country records need confirmation by genital examination to distinguish this species from *G. olivieri*, *G. macquarti* and others.)

Material: Antalya: Güzelsu, 36°53'22" N-31°52'5" E, 20.06.1999 (Dils J., Faes J.). Karaman: Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.). **New for the Turkish fauna.**

***Geron griseus* ZAITZEV 1962**

Distribution: Armenia, Azerbaijan, Gruzia, Lebanon.

Material: Adıyaman: Nemrut Dağı, 37°56'49,4" N-38°43'48,4" E, 30.06.2004 (Dils J., Faes J.). Erzurum: Bozburun, 39°59'36,6" N-40°33'34,1" E, 23.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'23" N-41°31'9" E, 24.07.2004 (Dils J., Faes J.). Kayseri: Yahyalı, 37°58'47" N-35°22'15" E, 28.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** Our record extends the distribution area of *G. griseus* considerably westward.

***Geron halteris* MEIGEN 1820**

D i s t r i b u t i o n : Egypt, France, Greece, Italy(?), Libya, Portugal, Spain.

M a t e r i a l : Isparta: keçiörlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). **New for the Turkish fauna as well as for the Asia continent.** Our record extends the distribution area of *G. halteris* considerably eastward.

***Geron kozlovi* ZAITZEV 1972**

D i s t r i b u t i o n : Armenia, Azerbaijan, China, Gruzia, Kazakhstan, Kyrgyz Republic, Tajikistan, Uzbekistan.

M a t e r i a l : Antalya: Güzelbağ, 36°43'44" N-31°56'49" E, 10.09.1999 (Dils J., Faes J.). İçel: Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.). **New for the Turkish fauna.** Our records extend the distribution area of *G. kozlovi* considerably westward. Antalya is the westernmost distribution point of this species.

***Geron krymensis* PARAMONOW 1929**

D i s t r i b u t i o n : Palaearctic: Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Cyprus, Czech Republic, Greece, Gruzia, Iran, Israel, Italy, Jordan, Lebanon, Kyrgyz Republic, Macedonia, Moldova, Portugal, Russia, Slovakia, Slovenia, Spain, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°56'49,4" N-38°43'48,4" E, 30.06.2004 (Dils J., Faes J.). Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Erzurum: Bozburun, 39°59'36,6" N-40°33'34,1" E, 23.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'21,5" N-41°31'7,9" E, 02.08.2003 (Garrevoet T.C., W.); Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'23" N-41°31'9" E, 24.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'21,1" N-41°31'9,4" E, 27.07.2004 (Özbek H.). Gümüşhane: 23 km SE Maden, 40°1'41" N-40°31'56" E, 22.07.1997 (Van der Poorten Dirk). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Karaman: Yellibeli geçidi, 36°49'49,5" N-32°56'34,3" E, 20.06.2004 (Dils J., Faes J.). Kayseri: Püren geçidi, 37°56'19,8" N-36°30'44,7" E, 02.07.2004 (Dils J., Faes J.). Malatya: Kübbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.).

***Geron longiventris* EFFLATOUN 1945**

D i s t r i b u t i o n : China, Egypt, Israel, Tajikistan, Uzbekistan.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Kayseri: Yahyalı, 37°58'47" N-35°22'15" E, 28.07.2000 (Dils J., Faes J.). Konya: Hasanşeh, 37°45'20" N-32°1'40" E, 30.07.2000 (Dils J., Faes J.). Niğde: Maden, 37°27'33" N-34°36'37" E, 29.07.2000 (Dils J., Faes J.); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** Our records extend distribution area of *G. longiventris* westward. Central Turkey is the westernmost distribution point of this species.

***Geron macquarti* GREATHEAD 1999**

D i s t r i b u t i o n : Egypt, Morocco, Tunisia, Greece, Italy, Malta,.

M a t e r i a l : İzmir: Foça, 38°39'33" N-25°49'16" E, 09.06.1999 (Dils J., Faes J.). **New for the Turkish fauna as well as Asia continent.**

***Geron olivieri* MACQUART 1840**

D i s t r i b u t i o n : Armenia, Croatia, Cyprus, Greece, Israel, Iran, Italy, Lebanon, Romania, Saudi Arabia, Spain, Syria, Turkey, Turkmenistan.

M a t e r i a l : Adıyaman: Akpınar, 37°46'0" N-37°42'50" E, 23.07.2000 (Dils J., Faes J.); Erkenek, 37°53'55,7" N-37°48'11,1" E, 29.06.2004 (Dils J., Faes J.); Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.); Köybaşı, 21.06.1999 (Dils J., Faes J.); Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.); Gündoğmuş, 36°45'45" N-32°0'58" E, 02.09.1999 (Dils J., Faes J.); Beşkonak, 37°6'53" N-31°13'0" E, 13.09.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 02.09.1999 (Dils J., Faes J.); Demirtaş, 09.09.1999 (Dils J., Faes J.). Erzurum: Yumaklı, 40°14'21,1" N-41°31'9,4" E, 14.07.2003 (Garrevoet T.C. & W.); Yumaklı, 40°14'21,1" N-41°31'9,4" E, 27.07.2004 (Özbek H); Kireçli geçidi, 40°20'40,3" N-41°38'2,1" E, 27.07.2004 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.); Çatak, 36°41'7" N-33°46'41" E, 22.07.2000 (Dils J., Faes J.); Sankavak, 36°32'43" N-33°36'16" E, 17.06.1999 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-25°49'16" E, 09.06.1999 (Dils J., Faes J.). Karaman: Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.); Yahyalı, 37°58'47" N-35°22'15" E, 28.07.2000 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.). Nevşehir: 2 km NE of Göreme, 38°40'52,1" N-34°51'55,7" E, 09.07.2002 (Garrevoet T.C. & W.).

***Geron smirnovi* ZAITZEV 1978**

D i s t r i b u t i o n : Greece, Jordan, Turkey, Tajikistan, Turkmenistan.

M a t e r i a l : Antalya: Güzelsu, 36°53'22" N-31°52'5" E, 20.06.1999 (Dils J., Faes J.).

Genus *Phthiria* MEIGEN 1803

***Phthiria conspicua* LOEW 1846**

D i s t r i b u t i o n : Bosnia-Herzegovina, Croatia, France, Greece, Iran, Israel, Italy, Macedonia, Slovenia, Spain, Turkey, former Yugoslavia.

M a t e r i a l : İçel: Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.); Çatak, 36°41'7" N-33°46'41" E, 22.07.2000 (Dils J., Faes J.).

***Phthiria gaedii* WIED 1820 apud MEIGEN**

D i s t r i b u t i o n : Large distribution area, Europe, Asia, North Africa.

M a t e r i a l : Ağrı: Hayrangöl, 39°47'22,1" N-42°29'19,1" E, 01.08.2003 (Garrevoet T.C., W.). Antalya: 15 km E Gazipaşa, 36°10'31" N-32°26'36" E, 11.09.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 02.09.1999 (Dils J., Faes J.); Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.). Erzurum: Yumaklı, 40°14'21,3" N-41°31'9,3" E, 02.08.2003 (Garrevoet T.C., W.). İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.). Isparta: Aksu, 37°47'31" N-31°6'12" E, 12.06.1999 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.).

***Phthiria pulicaria* MIKAN 1796**

D i s t r i b u t i o n : Palaearctic: Armenia, Azerbaijan, Austria, Belarus, Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Ireland, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Sweden, Switzerland, UK.

M a t e r i a l : Antalya: Güzelsu, 36°53'22" N-31°52'5" E, 20.06.1999 (Dils J., Faes J.); Göltaşı, 36°32'44" N-29°59'15" E, 21.06.1999 (Dils J., Faes J.). Bursa: Dağakça, 40°3'45" N-29°1'25" E, 01.08.2000 (Dils J., Faes J.). İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.). İzmir: Dikili, 39°1'56" N-24°54'24" E, 01.05.2001 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.); Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.). Niğde: Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.).

***Phthiria subnitens* LOEW 1846**

Distribution: Albania, Armenia, Azerbaijan, Croatia, Cyprus, Greece, Gruzia, Iran, Italy, Moldova, Romania, Rusia (SET), Turkey, Ukraine.

Material: İçel: Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.).

***Phthiria vagans* LOEW 1846**

Distribution: Albania, Armenia, Azerbaijan, Croatia, Cyprus, Greece, Gruzia, Iran, Italy, Moldova, Romania, Russia, Turkey, Ukraine.

Material: Antalya: Göltaşı, 36°32'44" N-29°59'15" E, 21.06.1999 (Dils J., Faes J.); Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.). İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.); Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.). Karaman: İshaniye, 36°51'37" N-32°56'54" E, 18.06.1999 (Dils J., Faes J.). Kayseri: Yedioluk, 38°32'19" N-36°27'18" E, 27.07.2000 (Dils J., Faes J.); Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.); Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.). Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.).

Genus *Heterotropus* LOEW 1873***Heterotropus albidipennis* LOEW 1873**

Distribution: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

Material: Malatya: Kubbe geçidi, 38°17'9" N-36°32'4,7" E, 28.06.1999 (Dils J., Faes J.). **New for the Turkish fauna.** Our record extends the distribution area of *H. albidipennis* considerably westward. Turkey (Malatya) is the westernmost distribution point.

Genus *Bombylius* LINNAEUS 1758***Bombylius analis* ssp. *diagonalis* WIEDEMANN in MEIGEN 1820**

Distribution: Austria, Bosnia-Herzegovina, Croatia, Estonia, France, Greece, Gruzia, Italy, Latvia, Lithuania, Macedonia, Malta, Moldova, Portugal, Russia (CET, SET), Slovenia, Spain, Turkey, Ukraine, former Yugoslavia.

Material: Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.).

***Bombylius candidus* LOEW 1855**

Distribution: Afghanistan, Armenia, Azerbaijan, Germany, Gruzia, Iran, Israel, Moldova, Russia (SET), Syria, Turkey, Ukraine.

Material: İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.); Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.). Niğde: Elekgözü, 37°42'31" N-35°1'26" E, 14.06.1999 (Dils J., Faes J.).

***Bombylius canescens* MIKAN 1796**

Distribution: Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, France, Germany, Greece, Gruzia, Hungary, Ireland, Italy, Latvia, Libya, Lithuania, Malta, Moldova, Netherlands, Poland, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Turkey, Turkmenistan, UK (Great Britain, Northern Ireland).

Material: İzmir: Kavakdere, 38°6'17" N-26°51'8" E, 30.04.2001 (Dils J., Faes J.). Kars:

Sarıkamış, 40°15'45,9" N-42°39'31,6" E, 15.07.2003 (Garrovet T.C., W.) Muğla: Yerkesik, 37°7'29" N-28°16'15" E, 28.04.2001 (Dils J., Faes J.); Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.).

***Bombylius (Zephyrectes) cinerarius* PALLAS in WIEDEMANN 1818**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Hungary, Iran, Italy, Kazakhstan, Macedonia, Moldova, Mongolia, Romania, Russia (CET, FE, SET), Slovakia, Slovenia, Spain, Syria, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

M a t e r i a l : İçel: Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.). İzmir: Selçuk, 37°57'8,8" N-27°21'12,9" E, 12.10.1996 (Dils J., Faes J.).

***Bombylius cinerascens* MIKAN 1796**

D i s t r i b u t i o n : Europe, Asia, North Africa (Egypt).

M a t e r i a l : Antalya: Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.). Çanakkale: Behram, 39°30'24" N-26°19'49" E, 20.04.2001 (Dils J., Faes J.). Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Malatya: 3 km SE Kubbe geçidi, 14.06.2000 (Van Oorschot H.).

***Bombylius citrinus* LOEW 1855**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Cyprus, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Macedonia, Malta, Moldova, Poland, Portugal, Romania, Russia, Slovenia, Turkey, Ukraine.

M a t e r i a l : Erzincan: 10 km S of Çağlayan, 23.07.1996 (Van der Poorten Dirk). Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.).

***Bombylius fimbriatus* MEIGEN 1820**

D i s t r i b u t i o n : Large distribution area, Europe, Asia.

M a t e r i a l : Bolu: 40°44'28" N-31°51'59" E, 17.06.2004 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°50'47" N-32°56'1" E, 19.06.2004 (Dils J., Faes J.).

***Bombylius fulvescens* WIEDEMANN 1820**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, ?China, Croatia, Czech Republic, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Macedonia, Malta, Moldova, Poland, Portugal, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

M a t e r i a l : Aksaray: Güzelyurt, 38°15'13" N-34°25'19" E, 13.06.1999 (Dils J., Faes J.). Antalya: Göltarla, 36°32'44" N-29°59'15" E, 21.06.1999 (Dils J., Faes J.). Çanakale: Eceabat, 40°13'5" N-25°24'20" E, 09.06.1999 (Dils J., Faes J.). Erzurum: Yumaklı, 40°14'21,1" N-41°31'9,4" E, 14.07.2003 (Garrovet T.C., W.). İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.); Aksu, 37°47'31" N-31°6'12" E, 12.06.1999 (Dils J., Faes J.); keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Kars: Karakurt, 40°10'20,9" N-42°39'52,5" E, 18.07.2003 (Garrovet T.C., W.); Duranlı, 40°2'53,5" N-43°17'2,1" E, 21.07.2003 (Garrovet T.C., W.).

***Bombylius medius* LINNAEUS 1758**

Distribution: Afghanistan, Albania, Algeria, Armenia, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, Estonia, France, Germany, Gibraltar, Greece, Gruzia, Hungary, Iran, Iraq, Israel, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lebanon, Lithuania, Macedonia, Malta, Moldova, Morocco, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Spain, Sweden, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

Material: Bolu: 40°44'28" N-31°51'59" E, 17.06.2004 (Dils J., Faes J.). İzmir: Yenibağarası, 38°40'8" N-26°52'59" E, 30.04.2001 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 25.04.2001 (Dils J., Faes J.); Yerkesik, 37°7'29" N-28°16'15" E, 28.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.). Van: Yukarınarlıca, 38°8'32" N-43°4'29" E, 17.07.2004 (Dils J., Faes J.).

***Bombylius minor* LINNAEUS 1758**

Distribution: Afghanistan, Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Cyprus, Czech Republic, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Macedonia, Moldova, Mongolia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkmenistan, UK (Great Britain), Ukraine, Uzbekistan, former Yugoslavia.

Material: Çanakale: Eceabat, 40°13'5" N-25°24'20" E, 09.06.1999 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Dils J., Faes J.).

***Bombylius modestus* LOEW 1873**

Distribution: Ethiopia, Sudan. Oriental: Pakistan. Palaearctic: Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece, Gruzia, Iran, Italy, Kazakhstan, Macedonia, Russia, Saudi Arabia, Tajikistan, Turkmenistan, Uzbekistan, former Yugoslavia.

Material: Ağrı: Hayrangöl, 39°47'22,3" N-42°29'19,3" E, 28.07.2003 (Garrevoet T.C., W.). Erzincan: Hacıbekir, 39°49'47,3" N-40°34'11,6" E, 05.08.2004 (Dils J., Faes J.). İçel: Sertavul geçidi, 36°54'52,8" N-33°15'3,4" E, 07.07.2003 (Garrevoet T.C., W.); Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.).

***Bombylius niveus* MEIGEN 1804**

Distribution: Albania, Armenia, Azerbaijan, Bulgaria, Egypt, France, Greece, Gruzia, Hungary, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia (SET), Saudi Arabia, Spain, Turkey, Ukraine, United Arab Emirates, former Yugoslavia.

Material: Adana: Döğanbeyli, 38°9'41" N-36°6'23" E, 27.07.2000 (Dils J., Faes J.). İçel: Çatak, 36°41'7" N-33°46'41" E, 22.07.2000 (Dils J., Faes J.).

***Bombylius posticus* FABRICIUS 1805**

Distribution: Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Cyprus, Czech Republic, Denmark, Egypt, France, Germany, Gibraltar, Greece, Gruzia, Hungary, Iran, Iraq, Italy, Kazakhstan, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine.

M a t e r i a l : Antalya: Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.). Bitlis: Nemrut Dağı, 22.06.2000 (Van Oorschot H.). Çanakale: Eceabat, 40°13'5" N-25°24'20" E, 09.06.1999 (Dils J., Faes J.). İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.). Isparta: Keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.); Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). İzmir: Dikili, 39°1'56" N-24°54'24" E, 01.05.2001 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°45'58" N-27°52'7" E, 25.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.). Muğla Mazıköy, 37°0'28" N-27°47'44" E, 29.04.2001 (Dils J., Faes J.); Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.). Muş: Seferek geçidi, 25.06.2000 (Van Oorschot H.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.).

***Bombylius pumilus* MEIGEN 1820**

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Egypt, France, Greece, Gruzia, Hungaria, Iran, Iraq, Israel, Italy, Lebanon, Kuwait, Macedonia, Moldova, Oman, Poland, Portugal, Romania, Russia (SET), Saudi Arabia, Spain, Syria, Turkey, Ukraine, United Arab Emirates.

M a t e r i a l : Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). İzmir: Kavakdere, 38°6'17" N-26°51'8" E, 30.04.2001 (Dils J., Faes J.); Yenibağarası, 38°40'8" N-26°52'59" E, 30.04.2001 (Dils J., Faes J.); Yenibağarası, 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.); Dikili, 39°1'56" N-24°54'24" E, 01.05.2001 (Dils J., Faes J.). Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°45'58" N-27°52'7" E, 25.04.2001 (Dils J., Faes J.); Mumcular, 37°24'6" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.); Yerkesik, 37°7'29" N-28°16'15" E, 28.04.2001 (Dils J., Faes J.).

***Bombylius (Zephyrecres) quadrifarius* LOEW 1855**

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Bulgaria, China, Czech Republic, Greece, Gruzia, Hungaria, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia (SET), Slovakia, Tajikistan, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Erzurum: 10 km S of Kırık, 02.08.1991 De Prins, VDP. Isparta: Keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). Kars: 10 km SE Karakurt, 03.06.1996 (Van Oorschot H.).

***Bombylius rhodius* LOEW 1855**

D i s t r i b u t i o n : Greece, Iran, Italy, Turkmenistan.

M a t e r i a l : Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). Muğla: Yerkesik, 37°7'29" N-28°16'15" E, 28.04.2001 (Dils J., Faes J.).

***Bombylius trichurus* PALLAS in WIEDEMAN 1818**

D i s t r i b u t i o n : Afrotropical: Yemen. Palaearctic: Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Czech Republic, France, Greece, Gruzia, Hungary, Iran, Israel, Italy, Lebanon, Macedonia, Moldova, Mongolia, Netherlands, Oman, Poland, Romania, Russia, Saudi Arabia, Slovakia, Spain, Syria, Turkey, Turkmenistan, Ukraine.

M a t e r i a l : Muğla: Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.).

***Bombylius venosus* MIKAN 1796**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, France, Germany, Greece, Gruzia, Hungary, Italy, Latvia, Lebanon, Lichtenstein, Lithuania, Luxemburg, Macedonia, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Ukraine, former Yugoslavia.

M a t e r i a l : Muğla: Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.).

Genus *Systoechus* LOEW 1855

***Systoechus autumnalis* PALLAS in WIEDEMANN 1818**

D i s t r i b u t i o n : Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Cyprus, Czech Republic, France, Gruzia, Hungaria, Iran, Italy, Kazakhstan, Moldova, Romania, Russia (CET, SET), Slovakia, Spain, Syria, Tunisia, Turkey, Turkmenistan, Ukraine.

M a t e r i a l : Malatya: 10 km SE Yeşilyurt, 05.08.1996 (de Prins, Olivier, VDP); Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.).

***Systoechus ctenopterus* MIKAN 1796**

D i s t r i b u t i o n : Algeria, Armenia, Austria, Azerbaijan, Belgium, Bulgaria, China, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Latvia, Lithuania, Macedonia, Moldova, Morocco, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Adana: Doğanbeyli, 38°9'41" N-36°6'23" E, 27.07.2000 (Dils J., Faes J.). Ağrı: 4 km W of Sarıkaya, 40°40'56,6" N-42°24'18,6" E, 28.07.2004 (Dils J., Faes J.). Artvin: Altıparmak, 40°56'13,8" N-41°21'54,4" E, 30.07.2004 (Dils J., Faes J.). Bayburt: Köseadağı geçidi, 40°16'12,7" N-39°36'43,6" E, 02.08.2004 (Dils J., Faes J.). Bitlis: 48 km E Talvan, 21.06.2000 (Van Oorschot H.). Erzincan: Ahmetli, 39°53'20,8" N-39°21'21,2" E, 06.08.2004 (Dils J., Faes J.); 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP). Erzurum: Kireçli geçidi, 40°20'40,3" N-41°38'2,1" E, 27.07.2004 (Dils J., Faes J.), Toprakkale, 40°28'41,6" N-41°58'26,5" E, 28.07.2004 (Dils J., Faes J.); Gölyurt geçidi, 40°20'55,8" N-40°47'36,8" E, 03.08.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.); Bozburun, 40°0'45,2" N-40°33'26,1" E, 01.08.2004 (Dils J., Faes J.); Yumaklı, 40°14'21,1" N-41°31'9,4" E, 24.07.2004 (Özbek H.); Üniversite Kampus, 39° 54 005 N-E, 41° 14 184 24.07.2004 (Özbek H.); Gözeli, Sivrice, 15.06.2000 (Van Oorschot H.). Karaman: İşaniye, 36°51'37" N-32°56'54" E, 18.06.1999 (Dils J., Faes J.); Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.). Kars: Sankamış, 40°15'47,5" N-42°39'31,8" E, 21.07.2004 (Dils J., Faes J.). Kayseri: Erziyes geçidi (Tekir), 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.); Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.); Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.); Yedioluk, 38°33'36" N-36°26'12" E, 27.07.2000 (Dils J., Faes J.). Konya: 16 km SE Bozkır, 20.07.1994 (Van Oorschot H.); 10.20 km E İvriz, 29.07.1997 (De Prins, Olivier, VDP). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.). Niğde: Aladağ W. side Koraç Vadisi, 12.08.1997 (De Prins, Olivier, VDP.); Elmalı, 37°57'1" N-35°5'7" E, 28.07.2000 (Dils J., Faes J.). Van: Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.).

***Systoechus gradatus* WIEDEMANN in MEIGEN 1820**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China, Egypt, Finland, France, Germany, Gruzia, Hungaria, Iran, Italy, Kyrgyz Republic, Portugal, Romania, Slovenia, Spain, Tajikistan, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Adana: Doğanbeyli, 38°9'41" N-36°6'23" E, 27.07.2000 (Dils J., Faes J.). Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Bitlis: Nemrut Dağı, 22.06.2000 (Van Oorschot H.). Kuzgunkıran geçidi, 21.06.2000 (Van Oorschot H.). Çanakkale: Çardak, 40°23'47" N-28°48'44" E, 18.07.2000 (Dils J., Faes J.). Erzurum: 21 km NW Tekman, 29.06.2000 (Van Oorschot H.). Eskişehir: İnönü, 39°47'43" N-30°12'40" E, 19.07.2000 (Dils J., Faes J.). Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.); Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Kayseri: Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.). Malatya: 3 km SE Kubbe geçidi, 03.07.2000 (Van Oorschot H.). Muş: Seferek geçidi, 25.06.2000 (Van Oorschot H.); Buğlan geçidi, 23.06.2000 (Van Oorschot H.).

Niğde: Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.), Elmalı, 37°57'1" N-35°5'7" E, 28.07.2000 (Dils J., Faes J.).

***Systoechus longirostris* BECKER 1916**

D i s t r i b u t i o n : Armenia, Azerbaijan, Bosnia-Herzegovina, Bulgaria, France, Germany, Gruzia, Iran, Italy, Kazakhstan, Macedonia, Moldova, Portugal, Russia (SET), Slovenia, Spain, Ukraine, former Yugoslavia.

M a t e r i a l : Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

Genus *Anastoechus* OSTEN SACKEN 1877

***Anastoechus araxis* PARAMONOW 1926**

D i s t r i b u t i o n : Armenia, Iran, Turkey.

M a t e r i a l : Konya: 16 km SE Bozkr., 20.07.1994 (Van Oorschot H.). Niğde: Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.); Aladağ W. side Koraç valley, 12.08.1997 (De Prins, Olivier, VDP).

***Anastoechus hyrcanus* WIEDEMANN 1818**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Cyprus, Egypt, France, Greece, Gruzia, Hungaria, Iran, Italy, Macedonia, Romania, Russia (SET), Slovenia, Spain, Uzbekistan, former Yugoslavia.

M a t e r i a l : Adyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Güzelbağ, 36°43'44" N-31°56'49" E, 10.09.1999 (Dils J., Faes J.), Termessos, 37°1'39" N-30°27'26" E, 03.09.1999 (Dils J., Faes J.); Mt. Dokuz Gölü, 36°35'45" N-29°58'10" E, 03.09.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 02.09.1999 (Dils J., Faes J.). Erzincan: Ahmetli, 39°53'20,8" N-39°21'21,2" E, 06.08.2004 (Dils J., Faes J.). Erzurum: Bozburun, 40°0'45,2" N-40°33'26,1" E, 01.08.2004 (Dils J., Faes J.). Sivas: Kızıldağ, 39°51'12" N-38°24'41,5" E, 07.08.2004 (Dils J., Faes J.). Van: Güzeldere geçidi W. side, 06.08.1996 (De Prins, Olivier, VDP). **New for the Turkish fauna.** Although *A. hyrcanus* has been known from many countries, it is here recorded for the first time in Turkey.

***Anastoechus nitidulus* FABRICIUS 1794**

D i s t r i b u t i o n : Afghanistan, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, China, Croatia, France, Germany, Greece, Hungaria, Iran, Italy, Japon, Kazakhstan, kyygyz Republic, Macedonia, Mongolia, Portugal, Romania, Russia (ES, FE, SET, WS), Slovenia, Spain, Slovakia, Turkey.

M a t e r i a l : Adana: Kılıçlı, 37°5'44" N-35°29'49" E, 04.10.1998 (Goossens P.). Bayburt: Kabaktepe, 40°13'40,9" N-39°41'53,9" E, 02.08.2004 (Dils J., Faes J.). Erzincan: Ahmetli, 39°53'20,8" N-39°21'21,2" E, 06.08.2004 (Dils J., Faes J.). Erzurum: Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,6" E, 27.07.2004 (Dils J., Faes J.); Bozburun, 40°0'45,2" N-40°33'26,1" E, 01.08.2004 (Dils J., Faes J.); Ağzıaçık geçidi, 40°10'36" N-40°58'17,2" E, 02.08.2004 (Dils J., Faes J.). Niğde: Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.).

Genus *Bombylisoma* RONDANI 1856

***Bombylisoma brevisculum* LOEW 1855**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, France, Germany, Greece, Gruzia, Iran, Kazakhstan, Kyrgyz Republic, Macedonia, Moldova, Morocco,

Poland, Portugal, Romania, Russia, Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

M a t e r i a l : Adana: Küçükgebzeli geçidi, 38°9'17" N-36°7'6" E, 26.06.2004 (Dils J., Faes J.). Erzurum: Kireçli geçidi, 40°20'40,3" N-41°38'2,1" E, 27.07.2004 (Dils J., Faes J.). Hakkari: Süvarihalil geçidi, 37°29'49,7" N-43°22'19,8" E, 11.07.2004 (Dils J., Faes J.); Süvarihalil geçidi, 37°29'48,6" N-43°22'38,8" E, 12.07.2004 (Dils J., Faes J.); Taningeçidi, 37°28'10,7" N-42°55'44,9" E, 10.07.2004 (Dils J., Faes J.); Dilezi geçidi, 37°40'4" N-44°23'6" E, 13.07.2004 (Dils J., Faes J.). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Karaman: Ermenek, 36°39'45,9" N-32°55'58" E, 18.06.2004 (Dils J., Faes J.); Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.); Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Kayseri: Gökşun, 38°10'58,7" N-36°27'24,1" E, 02.07.2004 (Dils J., Faes J.). Muğla: Mumcular, 37°2'46" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.); Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.); Elekgözü, 37°42'31" N-35°1'26" E, 14.06.1999 (Dils J., Faes J.). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.); Yukarınarlıca, 38°8'32" N-43°4'29" E, 17.07.2004 (Dils J., Faes J.); Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.).

***Bombylisoma croaticum* KERTÉSZ 1901**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Czech Republic, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Moldova, Poland, Portugal, Romania, Russia, Slovakia, Spain, Switzerland, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Adana: Küçükgebzeli geçidi, 38°9'17" N-36°7'6" E, 26.06.2004 (Dils J., Faes J.). Erzurum: Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,6" E, 27.07.2004 (Dils J., Faes J.). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.); Yelibeli geçidi, 36°49'49,5" N-32°56'34,3" E, 20.06.2004 (Dils J., Faes J.); Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.). Kayseri: Bakırdağı, 38°13'38" N-35°25'6" E, 25.06.2004 (Dils J., Faes J.). Niğde: Elekgözü, 37°42'31" N-35°1'26" E, 14.06.1999 (Dils J., Faes J.); Maden, 37°25'13" N-34°34'59" E, 23.06.2004 (Dils J., Faes J.).

***Bombylisoma flavibarbum* LOEW 1855**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, Greece, Gruzia, Iran, Israel, Italy, Jordan, Macedonia, Moldova, Russia (SET), Slovenia, Spain, Syria, Tunisia, Turkey, Ukraina.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°56'49,4" N-38°43'48,4" E, 30.06.2004 (Dils J., Faes J.). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.). Şırnak: 9 km NW Şırnak, 19.06.2000 (Van Oorschot H.). **New for the Turkish fauna.** Although this species has very large distribution area in the world, it is here recorded for the first time in Turkey.

***Bombylisoma imitator* LOEW 1855**

D i s t r i b u t i o n : Albania, greece, Hungary, Iran, Italy, Macedonia, Syria, Turkey, former Yugoslavia.

M a t e r i a l : İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.).

***Bombylisoma minimum* SCHRANK 1781**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Macedonia, Moldova, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Adana: Küçükgebzeli geçidi, 38°9'17" N-36°7'6" E, 26.06.2004 (Dils J., Faes J.). Bolu: Bolu, 40°44'28" N-31°51'59" E, 17.06.2004 (Dils J., Faes J.). Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.).

***Bombylisoma unicolor* LOEW 1885**

D i s t r i b u t i o n : Albania, Algeria, Armenia, Azerbaijan, Bulgaria, Croatia, Egypt, Greece, Gruzia, Hungary, Iran, Israel, Italy, Libya, Moldova, Romania, Russia (SET), Spain, Tunisia, Turkey, Ukraina, former Yugoslavia.

M a t e r i a l : Adana: Saraycık, 38°10'28,7" N-35°56'20,3" E, 03.07.2004 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.). Kayseri: Bakırdağı, 38°13'38" N-35°25'6" E, 25.06.2004 (Dils J., Faes J.).

Genus *Cytherea* FABRICIUS 1794

***Cytherea alexandrina* BECKER 1902**

D i s t r i b u t i o n : Afganistan, Algeria, Egypt, Iran, Israel, Kuwait, Oman, Saudi Arabia, Sudan, Tunisia, United Arab Emirates, Yemen.

M a t e r i a l : Malatya: 3 km SE Kubbe geçidi, 03.07.2000 (Van Oorschot H.). **New for the Turkish fauna.** This record extends the distribution area of *C. alexandrina* considerably westward in Asia continent. Turkey (Malatya) is westernmost distribution point of this species.

***Cytherea dispar* LOEW 1873**

D i s t r i b u t i o n : Afganistan, Algeria, Armenia, Azerbaijan, Gruzia, Iran, Jordan, Kyrgyz Republik, Morocco, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan.

M a t e r i a l : Ağrı: N of Patnos, 10.06.2004 (Dils J., Faes J.). Kahramanmaraş: Afşin, 38°14'59,6" N-36°55'39,6" E, 09.06.1996 (Dils J., Faes J.).

***Cytherea fenestrolata* LOEW 1873**

D i s t r i b u t i o n : Armenia, Azerbaijan, Kazakhstan, Tajikistan, Uzbekistan.

M a t e r i a l : Kayseri: Erciyes geçidi (Tekir), 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** This record extends the distribution area of *C. fenestrolata* considerably westward. Turkey (Kayseri) is westernmost distribution point of this species.

***Cytherea obscura* FABRICIUS 1794**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Bosnia-Hercegovina, Bulgaria, Croatia, Czech Republic, France, Greece, Gruzia, Iran, Israel, Italy, Lebanon, Macedonia, Moldova, Morocco, Portugal, Russia, Slovakia, Slovenia, Spain, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, former Yugoslavia.

M a t e r i a l : Adana: 5 km SW Pozanti, 20.07.1995 (De Prins, VDP). Adıyaman: Nemrut Dağı, 38°0'16,2" N-38°45'23,3" E, 28.06.2004 (Dils J., Faes J.); Nemrut Dağı, 37°56'49,4" N-38°43'48,4" E, 30.06.2004 (Dils J., Faes J.). Ağrı: Alntepe, 39°34'37,7" N-43°48'11,2" E, 18.07.2004 (Dils J., Faes J.); Hayrangöl, 39°46'45" N-42°27'45,4" E, 25.07.2003 (Garvoet T.C., W.). Antalya: Köybaşı, 21.06.1999 (Dils J., Faes J.). Bitlis: 12 km SW Bitlis, 20.06.2000 (Van Oorschot H.). Çanakkale: Çardak, 40°23'47" N-28°48'44" E, 18.07.2000 (Dils J., Faes J.). Erzurum: Bozburun, 39°59'36,6" N-40°33'34,1" E, 23.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'23" N-41°31'9" E, 24.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'21,1" N-41°31'9,4" E, 24.07.2004 (Özbek H.); Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.); Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.). Hakkari: Dilezi geçidi, 37°40'4" N-44°23'6" E,

13.07.2004 (Dils J., Faes J.). Tanin geçidi, 37°28'10,7" N-42°55'44,9" E, 10.07.2004 (Dils J., Faes J.); Uludere, 37°26'56,3" N-42°53'23,2" E, 10.07.2004 (Dils J., Faes J.). Süvarihalil geçidi, 37°29'49,7" N-43°22'19,8" E, 11.07.2004 (Dils J., Faes J.); Süvarihalil geçidi, 37°29'49,7" N-43°22'19,8" E, 11.07.2004 (Dils J., Faes J.). İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.); Sertavul geçidi, 36°54'52,8" N-33°15'3,4" E, 07.07.2003 (Garrevoet T.C., W.); Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.); Sertavul, 36°50'57" N-33°18'24,3" E, 18.08.2004 (Dils J., Faes J.); Hacıahmetli, 36°41'13,7" N-33°38'39,7" E, 10.07.2002 (Garrevoet T.C., W.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.); Yelibeli geçidi, 36°50'47" N-32°56'1" E, 20.06.2004 (Dils J., Faes J.). Kars: Duranlı, 40°2'49,8" N-43°17'45,2" E, 21.07.2003 (Garrevoet T.C., W.); Sarıkamış, 40°15'45" N-42°39'31,1" E, 15.07.2003 (Garrevoet T.C., W.); Sarıkamış, 40°15'48,2" N-42°39'33,7" E, 19.07.2003 (Garrevoet T.C., W.). Kayseri: Püren geçidi, 37°56'19,9" N-36°30'44,7" E, 02.07.2004 (Dils J., Faes J.); Erciyes geçidi (Tekir), 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.); Dağdibi, 37°22'16,1" N-43°2'6,2" E, 10.07.2004 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.). Malatya: Reşadiye geçidi, 37°59'21" N-38°0'23,9" E, 29.06.2004 (Dils J., Faes J.); Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.); Kubbe geçidi, 38°15'6,7" N-38°34'24,5" E, 27.06.2004 (Dils J., Faes J.). Van: Kuzgunkıran geçidi, 38°9'16,6" N-36°7'6" E, 26.06.2004 (Dils J., Faes J.); Yukarımarlıca, 38°8'32" N-43°4'29" E, 17.07.2004 (Dils J., Faes J.); Gevaş, 38°16'30,8" N-43°3'52,3" E, 23.07.2003 (Garrevoet T.C., W.); Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.).

Genus *Chalcochiton* LOEW 1844

Chalcochiton pallasii LOEW 1844

Distribution: Armenia, Azerbaijan, Bulgaria, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Macedonia, Moldova, Morocco, Poland, Romania, Russia (SET), Slovenia, Syria, Tajikistan, Turkmenistan, Turkey, Ukraina, Uzbekistan.

Material: Adana: Küçükgebzeli geçidi, 38°9'17" N-36°7'6" E, 26.06.2004 (Dils J., Faes J.). Aksaray: Güzelyurt, 38°15'13" N-34°25'19" E, 13.06.1999 (Dils J., Faes J.). Ankara: Cankurtaran geçidi, 40°28'55" N-32°22'43" E, 17.06.2004 (Dils J., Faes J.). Bolu: 40°44'28" N-31°51'59" E, 17.06.2004 (Dils J., Faes J.). Erzurum: Yumaklı, 40°14'23" N-41°31'9" E, 24.07.2004 (Dils J., Faes J.). Hakkari: Dilezi geçidi, 37°40'4" N-44°23'6" E, 13.07.2004 (Dils J., Faes J.). İzmir: Dikili, 39°17'56" N-24°54'24" E, 01.05.2001 (Dils J., Faes J.); Yenibağarası, 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.); Kavakdere, 38°6'17" N-26°51'8" E, 30.04.2001 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°50'47" N-32°56'1" E, 19.06.2004 (Dils J., Faes J.). Kars: Sarıkamış, 40°15'45,9" N-42°39'31,6" E, 15.07.2003 (Garrevoet T.C., W.). Kayseri: Erciyes geçidi (Tekir), 38°37'44" N-35°31'8" E, 04.07.2004 (Dils J., Faes J.). Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). Muğla: Mazıköy, 37°0'28" N-27°47'44" E, 29.04.2001 (Dils J., Faes J.). Tokat: Sarıgöl, 40°56'4" N-41°30'21" E, 29.07.2004 (Dils J., Faes J.). Van: Yukarımarlıca, 38°8'32" N-43°4'29" E, 17.07.2004 (Dils J., Faes J.).

Chalcochiton speciosus LOEW 1844

Distribution: Afghanistan, Iran, Turkey.

Material: Hakkari: Tanin geçidi, 37°28'11" N-42°56'45" E, 10.07.2004 (Dils J., Faes J.); Süvarihalil geçidi, 25.06.1999 (Dils J., Faes J.).

Genus *Callostoma* MACQUART 1840

Callostoma fascipenne MACQUART 1840

Distribution: Afghanistan, Armenia, Azerbaijan, Greece, Gruzia, Iran, Israel, Italy, Macedonia, Turkmenistan, Turkey, Uzbekistan, former Yugoslavia.

Material: Antalya: Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.). Konya: Avdul, 37°25'54" N-32°43'59" E, 19.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-

37°48'24" E, 26.07.2000 (Dils J., Faes J.); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.). Van: Gevaş, 38°16'30,8" N-43°3'52,3" E, 23.07.2003 (Garrevoet T.C., W.)

Genus *Cononedys* HERMANN 1907

Cononedys stenura LOEW 1871

D i s t r i b u t i o n : Pakistan, Israel, Tajikistan, Turkmenistan, Uzbekistan.

M a t e r i a l : Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Erzincan: 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP). Hakkari: Yüksekova, 37°40'29,8" N-44°7'38,3" E, 13.07.2004 (Dils J., Faes J.), Tanin geçidi, 37°28'10,7" N-42°55'44,9" E, 10.07.2004 (Dils J., Faes J.). İçel: Karatatha, 36°39'37,4" N-33°23'25,2" E, 18.06.2004 (Dils J., Faes J.). Geçimli (Alahan), 36°47'8" N-33°20'54,1" E, 09.07.2002 (Garrevoet T.C., W.). Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.). Konya: Avdul, 37°25'54" N-32°43'59" E, 19.07.2000 (Dils J., Faes J.). Malatya: Reşadiye geçidi, 37°59'21" N-38°0'23,9" E, 29.06.2004 (Dils J., Faes J.). Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.); Reşadiye geçidi, 37°58'3" N-37°59'27,3" E, 29.06.2004 (Dils J., Faes J.). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Dils J., Faes J.); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.); Yukarınarlıca, 38°7'31,6" N-43°4'28,6" E, 17.07.2004 (Dils J., Faes J.); Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** This study reveals that although *C. stenura* is one of the common and abundant bombyliid species occurring in Turkey, it is here recorded for the first time and our records extend the distribution area of it considerably westward to central Turkey.

Genus *Lomatia* MEIGEN 1822

Lomatia armeniaca PARAMONOW 1924

D i s t r i b u t i o n : Armenia, Azerbaijan, Iran, Russia (SET) Syria, Turkey.

M a t e r i a l : Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Kars: Sankamış, 40°15'45,9" N-42°39'31,6" E, 15.07.2003 (Garrevoet T.C., W.).

Lomatia belzebul FABRICIUS 1794

D i s t r i b u t i o n : Algeria, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, France, Greece, Gruzia, Hungary, Iran, Italy, Libya, Macedonia, Moldova, Morocco, Poland, Romania, Russia, Slovakia, Slovenia, Spain, Syria, Tunisia, Turkey, Turkmenistan, Ukraine, former Yugoslavia.

M a t e r i a l : İzmir: Dikili, 39°1'56" N-24°54'24" E, 01.05.2001 (Dils J., Faes J.). Van: Erciş, Ilıca 26 km N Erciş, 14.07.1990 (Van Oorschot H.).

Lomatia erynnis LOEW 1869

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, France, Greece, Gruzia, Hungary, Italy, Macedonia, Moldova, Morocco, Romania, Russia, Slovakia, Slovenia, Spain, Tunisia, Ukraine, Yugoslavia.

M a t e r i a l : Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). İzmir: 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.); Yenibağarası, 38°40'8" N-26°52'59" E, 30.04.2001 (Dils J., Faes J.). Muğla: Mumcular, 37°2'46" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.); Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.). **New for the Turkish fauna.** Although *L. erynnis* has large distribution area in the world, it is here recorded for the first time in Turkey.

***Lomatia flavitibia* ZAITZEV 1966**

D i s t r i b u t i o n : Armenia.

M a t e r i a l : Erzurum: Gölyurt geçidi, 40°20'55,8" N-40°47'36,8" E, 03.08.2004 (Dils J., Faes J.); Gölyurt geçidi, 40°20'55,8" N-40°47'12,07.2003 (Özbek H.). Hakkari: Süvarihalil geçidi, 13.08.1994 (Schmidt J.). **New for the Turkish fauna.** After the type locality (Armenia) Erzurum and Hakkari are first localities and our records extend the distribution area of this species westward.

***Lomatia lachesis* EGGER 1859**

D i s t r i b u t i o n : Albania, Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, France, Greece, Gruzia, Hungary, Iran, Italy, Macedonia, Moldova, Morocco, Poland, Romania, Russia, Slovenia, Spain, Switzerland, Syria, Tunisia, Ukraine, former Yugoslavia.

M a t e r i a l : Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.); Mumcular, 37°2'46" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.). **New for the Turkish fauna.** Although this species has large distribution area in the world it is first record from the country.

***Lomatia persica* PARAMONOW 1924**

D i s t r i b u t i o n : Armenia, Azerbaijan, Iran.

M a t e r i a l : Erzurum: Gölyurt geçidi, 40°20'55,8" N-40°47'36,8" E, 03.08.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,6" E, 27.07.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** Our records extend the distribution area of this species westward and these records in eastern Turkey mark the easternmost occurrence of this species.

***Lomatia polyzona* LOEW 1869**

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Greece, Gruzia, Italy, Macedonia, Romania, Syria, Turkey, former Yugoslavia.

M a t e r i a l : Ankara: Cankurtaran Geçidi, 40°27'54,6" N-32°21'42,5" E, 17.06.2004 (Dils J., Faes J.); Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.); Sertavul geçidi, 36°54'52,8" N-33°15'3,4" E, 07.07.2003 (Garrevoet T.C., W.). Isparta: Keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.); Barla, 37°53'53" N-30°43'57" E, 11.06.1999 (Dils J., Faes J.); Aksu, 37°47'31" N-31°6'12" E, 12.06.1999 (Dils J., Faes J.). İzmir: Dikili, 39°1'56" N-24°54'24" E, 01.05.2001 (Dils J., Faes J.); Kavakdere, 38°6'17" N-26°51'8" E, 30.04.2001 (Dils J., Faes J.); Yenibağarası, 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.). Karaman: Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'58" N-27°52'7" E, 25.04.2001 (Dils J., Faes J.). Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.). Muğla: Mazıköy, 37°0'28" N-27°47'44" E, 29.04.2001 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.).

***Lomatia rogenhoferi* NOWICKI 1867**

D i s t r i b u t i o n : Armenia, Algeria, Austria, Bulgaria, Croatia, Greece, Hungary, Italy, Macedonia, Poland, Romania, Slovakia, Spain, Tunisia, Turkey, former Yugoslavia.

M a t e r i a l : Isparta: keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). **New for the Turkish fauna.**

***Lomatia sabaea* FABRICIUS 1781**

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Greece, Gruzia, Italy, Macedonia, Romania, Syria, Turkey, former Yugoslavia.

M a t e r i a l : Isparta: Aksu, 37°47'31" N-31°6'12" E, 12.06.1999 (Dils J., Faes J.).

***Lomatia superba* LOEW 1868**

D i s t r i b u t i o n : Iran, Turkey.

M a t e r i a l : İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.).

Genus *A n t h r a x* SCOPOLI 1763***Anthrax aethiops* FABRICIUS 1781**

D i s t r i b u t i o n : Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kyrgyz Republic, Libya, Morocco, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkmenistan, Ukraine, Uzbekistan.

M a t e r i a l : Hakkari: Süvarihalil geçidi, 37°29'49,7" N-43°22'19,8" E, 11.07.2004 (Dils J., Faes J.); Süvarihalil geçidi, 37°29'58,7" N-43°24'45,1" E, 12.07.2004 (Dils J., Faes J.). Sivas: Tepeköy, 39°51'10" N-37°53'13,5" E, 26.07.2002 (Garrevoet T.C., W.) Hatay: 5.15 km S Harbiye, 09.08.1997 (De Prins, Olivier, VDP). Muğla: Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.). Muğla: Mazıköy, 37°0'28" N-27°47'44" E, 29.04.2001 (Dils J., Faes J.). **New for the Turkish fauna.** Although this species is almost worldwide distribution, it is here recorded for the first time in Turkey.

***Anthrax anthrax* SCHRANK 1781**

D i s t r i b u t i o n : Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Canary Islands, China, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Iraq, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Luxemburg, Macedonia, Moldova, Mongolia, Morocco, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, former Yugoslavia.

M a t e r i a l : Ağrı: Hayrangöl, 39°46'45" N-42°27'45,4" E, 28.07.2003 (Garrevoet T.C., W.). Hakkari: Süvarihalil geçidi, 37°29'48,6" N-43°22'38,8" E, 12.07.2004 (Dils J., Faes J.). İçel: Sertavul geçidi, 36°54'52,8" N-33°15'3,4" E, 07.07.2003 (Garrevoet T.C., W.) Şırnak: 9.12 km NW Şırnak, 19.06.2000 (Van Oorschot H.) Sivas: 2 km. N of Kartalça, 39°33'33,4" N-36°37'55,6" E, 26.07.2002 (Garrevoet T.C., W.).

***Anthrax binotatus* WIEDEMANN 1820**

D i s t r i b u t i o n : Albania, Armenia, Azerbaijan, Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Libya, Macedonia, Moldova, Mongolia, Morocco, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Ukraine, Uzbekistan.

M a t e r i a l : Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.); Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 26.06.2004 (Dils J., Faes J.).

***Anthrax flavus* SACK 1909**

D i s t r i b u t i o n : Iran, Turkey.

M a t e r i a l : Erzurum: 37°57'45"E, N-38 °44'42"E, 24.07.2000 (Dils J., Faes J.).

***Anthrax jazykovi* PARAMONOW 1931**

Distribution: Armenia, Azerbaijan, Gruzia, Mongolia, Tajikistan, Uzbekistan.

Material: Antalya: 28 km S Elmalı, 16.07.1997 (De Prins, Olivier, VDP). **New for the Turkish fauna.** Our records extend the distribution area of this species considerable westward. Turkey (Antalya) is the westernmost distribution point of *A. jazykovi*.

***Anthrax lucidus* BECKER 1902**

Distribution: Agypt, Israel, Libya, Sudan.

Material: Kayseri: 34 km S Yahyali, 07.08.1997 (De Prins, Olivier, VDP). **New for the Turkish fauna.** Our records extend the distribution area of this species considerably northward. Turkey (Kayseri) is the northernmost distribution area.

***Anthrax pilosulus* STROBL 1902**

Distribution: Armenia, Azerbaijan, Greece, Gruzia, Israel, Italy, Kyrgyz-Republic, Macedonia, Moldova, Russia (SET), Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

Material: Antalya: 11 km NE Elmalı, 19.07.1997 (Van der Poorten). Kayseri: Yahyali, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Niğde: Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.).

***Anthrax sticticus* KLUG 1832**

Distribution: Chad, Eritrea, Guinea-Bissau, Nigeria, Senegal, Afghanistan, Armenia, Azerbaijan, Cyprus, Greece, Gruzia, Iran, Israel, Italy, Kyrgyz Republic, Macedonia, Oman, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

Material: Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). İçel: Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.).

***Anthrax trifasciata* MEIGEN 1804**

Distribution: Pakistan, Palaearctic: Afghanistan, Albania, Algeria, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Greece, Hungary, Italy, Kyrgyz Republic, Macedonia, Malta, Morocco, Oman, Poland, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

Material: Antalya: Termessos, 37°1'39" N-30°27'26" E, 03.09.1999 (Dils J., Faes J.); Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.); Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 02.09.1999 (Dils J., Faes J.); Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Bingöl: Kırkağöl, 38°55'11" N-40°20'8,2" E, 12.07.2003 (Garrevoet T.C., W.). Erzurum: Yumaklı, 40°14'21,3" N-41°31'9,3" E, 02.08.2003 (Garrevoet T.C., W.).

***Anthrax varia* FABRICIUS 1794**

Material: Bingöl: 2 km NW Kırkağıl, 38°55'12" N-40°20'8,9" E, 18.07.2002 (Garrevoet T.C., W.).

***Anthrax virgo* EGGER 1859**

Distribution: Albania, Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, France,

Greece, Gruzia, Hungary, Israel, Italy, Libya, Malta, Morocco, Saudi-Arabia, Spain, Tunisia, Turkey.

M a t e r i a l : Antalya: Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.). Güzelbağ, 36°43'44" N-31°56'49" E, 02.09.1999 (Dils J., Faes J.); Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.); Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.). Konya: Karasınır, 37°13'14" N-32°38'25" E, 19.07.2000 (Dils J., Faes J.). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.). Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.).

Genus *Petrorossia* BEZZI 1908

***Petrorossia hesperus* ROSSI 1790**

D i s t r i b u t i o n : Algeria, Armenia, Austria, Azerbaijan, Bosnia-Hercegovina, Bulgaria, Canary Is, Croatia, Egypt, France, Greece, Gruzia, Israel, Italy, Kyrgyz-Republic, Libya, Mecedonia, Malta, Moldova, Morocco, Portugal, Romania, Russia (SET), Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

M a t e r i a l : Antalya: Çamkuyusu, 16.07.1997 (De Prins, Olivier, VDP). Antalya: Beşkonak, 37°6'53" N-31°13'0" E, 13.09.1999 (Dils J., Faes J.); Termessos, 37°1'39" N-30°27'26" E, 03.09.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 10.09.1999 (Dils J., Faes J.); Güzelbağ, 02.09.1999 (Dils J., Faes J.); Güzelsu, 36°53'22" N-31°52'5" E, 20.06.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'43" N-32°13'43" E, 13.11.2000 (Dils J., Faes J.); Dokuz Gölü, 36°35'45" N-29°58'10" E, 03.09.1999 (Dils J., Faes J.); Gündoğmuş, 36°45'45" N-32°0'58" E, 02.09.1999 (Dils J., Faes J.); Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Erzincan: 5 km N Kemaliye, 02.08.1997 (De Prins, Olivier, VDP). Erzurum: Yumaklı, 40°14'21,1" N-41°31'9,4" E, 14.07.2003 (Garroet T.C.W.) Yumaklı, 40°14'21,1" N-41°31'9,4" E, 24.07.2004 (Özbek H.). İçel: Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.). Güzeloluk, 36°44'34" N-34°8'12" E, 23.07.2000 (Dils J., Faes J.); Sarıkavak, 36°32'43" N-33°36'16" E, 17.06.1999 (Dils J., Faes J.). Malatya: 10 km SE Yeşilyurt, 05.08.1996 (De Prins, Olivier, VDP).

***Petrorossia letho* WIEDEMANN 1828**

D i s t r i b u t i o n : Benin, Chad, Eritrea, Ethiopia, Kenya, Somalia, Sudan, Afghanistan, Algeria, Austria, Bosnia-Hercegovina, Bulgaria, Croatia, Egypt, France, Iran, Italy, Libya, Mecedonia, Russia (SET), Saudi Arabia, Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Antalya: Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.). Erzincan: 5 km N Kemaliye, 02.08.1997 (De Prins, Olivier, VDP). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.). Malatya: 3 km NW Darende, 02.08.1997 (De Prins, Olivier, VDP); Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.).

Genus *Satyramoeba* SACK 1909

***Satyramoeba hetrusca* FABRICIUS 1794**

D i s t r i b u t i o n : Afghanistan, Armenia, Austria, Azerbaijan, Bosnia-Hercegovina, Croatia, France, Greece, Gruzia, Iran, Israel, Italy, Japon, Mecedonia, Romania, Russia (SET), Spain, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Antalya: Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.). Kars: Köprübaşı, 02.08.1996 (De Prins, Olivier, VDP).

Genus *Spogostylum* MACQUART 1840***Spogostylum candidum* SACK 1909**

D i s t r i b u t i o n : Egypt, Iran, Pakistan, Turkey, United Arab Emirates.

M a t e r i a l : Malatya: Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.).

***Spogostylum caucasicum* ZAITZEV 1961**

D i s t r i b u t i o n : Armenia, Azerbaijan, Gruzia, Mongolia.

M a t e r i a l : Adiyaman: Nemrut Dağı 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Van: Timar, 38°48'56,8" N-43°24'16,8" E, 11.07.2001 (Garrevoet T.C.W.). **New for the Turkish fauna.** Our records extend the distribution area of this species considerably westward. Turkey (Adiyaman) is the westernmost distribution area.

***Spogostylum dubium* ZAITZEV 1961**

D i s t r i b u t i o n : Armenia, Kazakhstan, Mongolia.

M a t e r i a l : Adiyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** Our records extend the distribution area of this species considerable west. Turkey (İçel) is the westernmost distribution area.

***Spogostylum isis* MEIGEN 1820**

D i s t r i b u t i o n : Algeria, Armenia, Austria, Azerbaijan, Belgium, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Morocco, Portugal, Saudi-Arabia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Bingöl: Kırkağıl, 38°55'11" N-40°20'8,2" E, 12.07.2003 (Garrevoet T.C., W.) Malatya: Reşadiye geçidi, 37°59'21" N-37°59'23,9" E, 29.06.2004 (Dils J., Faes J.).

***Spogostylum rufulum* ZAITZEV 1961**

D i s t r i b u t i o n : Armenia.

M a t e r i a l : Adiyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Camkuyusu, 16.07.1997 (De Prins, Olivier, VDP). Erzurum: Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°49'49,5" N-32°56'34,3" E, 20.06.2004 (Dils J., Faes J.). Malatya: Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.). Kubbe geçidi, 38°15'6,7" N-38°34'24,5" E, 27.06.2004 (Dils J., Faes J.). Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** Our records extend the distribution area of this species considerably westward. Turkey (Antalya) is the westernmost distribution area of *S. rufulum*.

***Spogostylum tripunctatum* WIEDEMANN 1820**

D i s t r i b u t i o n : Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Egypt, France, Greece, Gruzia, Israel, Italy, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Morocco, Russia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

M a t e r i a l : Adana: Saraycık, 38°10'28,7" N-35°56'20,3" E, 03.07.2004 (Dils J., Faes J.). Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Van: Gevaş, 38°16'10,6" N-43°41,3" E, 16.07.2004 (Dils J., Faes J.).

***Spogostylum zaitzev* EVENHUIS & GREATHEAD 1999**

D i s t r i b u t i o n : Armenia, Azerbaijan, Gruzia, Israel.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Hakkari: Süvarihalil geçidi, 37°29'58,7" N-43°24'45,1" E, 12.07.2004 (Dils J., Faes J.); Tanintanin geçidi, 37°28'10,7" N-42°55'44,9" E, 10.07.2004 (Dils J., Faes J.); Süvarihalil geçidi, 37°29'48,6" N-43°22'38,8" E, 12.07.2004 (Dils J., Faes J.). Malatya: Kubbe geçidi, 38°15'6,4" N-38°34'24,5" E, 27.06.2004 (Dils J., Faes J.). **New for the Turkish fauna.** Our records extend the distribution area of this species considerably westward. Turkey (Malatya) is the westernmost distribution area of *S. zaitzev*.

Genus *Stomylomyia* BIGOT 1888

***Stomylomyia europaea* LOEW 1869**

D i s t r i b u t i o n : Afghanistan, Albania, Armenia, Azerbaijan, Egypt, France, Greece, Gruzia, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia (SET) Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Eskisehir: İnönü, 39°47'43" N-30°12'40" E, 19.07.2000 (Dils J., Faes J.). İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.); Sankavak, 36°32'43" N-33°36'16" E, 17.06.1999 (Dils J., Faes J.); Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.); Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Keçiözümlü, 38°0'39" N-30°18'52" E, 11.06.1999 (Dils J., Faes J.). Karaman: Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.). Malatya: Develi, 28.06.1996 (Janssens J.). Niğde: Elekgözü, 37°42'31" N-35°1'26" E, 14.06.1999 (Dils J., Faes J.).

Genus *Xeramoeba* HESSE 1956

***Xeramoeba lepida* HERMANN 1907**

D i s t r i b u t i o n : Afghanistan, Iran, Israel, Turkey.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.).

Genus *Exhyalanthrax* BECKER 1916

***Exhyalanthrax afer* FABRICIUS 1794**

D i s t r i b u t i o n : Afrotropical: Chad, Eritrea, Ghana, Kenya, Yemen. Oriental: Pakistan. Palaearctic: Afghanistan, Armenia, Austria, Azerbaijan, Belgium, Bulgaria, China, Croatia, Cyprus, Czech Republic, Denmark, Egypt, France, Germany, Gibraltar, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Mongolia, Morocco, Netherlands, Oman, Poland, Portugal, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, former Yugoslavia.

M a t e r i a l : Adana: Ahçıbekirli, 37°36'24" N-34°58'9" E, 14.06.1999 (Dils J., Faes J.). Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.). İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). Isparta: keçiözümlü, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.).

J.). Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). İzmir: Yenibağarası, 38°10'51" N-26°50'9" E, 01.05.2001 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.). Kayseri: Yedioluk, 38°32'19" N-36°27'18" E, 27.07.2000 (Dils J., Faes J.). Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). KonyaBeyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.); Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.). Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.).

***Exhylanthrax contrarius* BECKER 1916**

D i s t r i b u t i o n : Croatia, Greece, Italy.

M a t e r i a l : İçel: 3 km S of Sertavul geçidi, 36°51'21,1" N-33°17'6,9" E, 09.07.2002 (Garrevoet T.C., W.). **New for the Turkish fauna as well as Asia continent.** Our records extend the distribution area of this species considerably east. Turkey (İçel) is the easternmost distribution area.

***Exhylanthrax melanchlaenus* LOEW 1869**

D i s t r i b u t i o n : Armenia, Azerbaijan, Cyprus, Greece, Gruzia, Israel, Italy, Portugal, Spain, Syria, Turkey.

M a t e r i a l : Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-25°49'16" E, 09.06.1999 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.).

***Exhylanthrax muscarius* PALLAS 1818**

D i s t r i b u t i o n : Afghanistan, Armenia, Austria, Azerbaijan, Croatia, Egypt, Germany, Gibraltar, Greece, Gruzia, Hungary, Iran, Italy, Kyrgyz Republic, Macedonia, Moldova, Poland, Portugal, Romania, Russia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

M a t e r i a l : Adıyaman: Nemrut Dağı (Adıyaman), 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.). Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.). Güzelbağ, 36°43'44" N-31°56'49" E, 10.09.1999 (Dils J., Faes J.). İçel: Çatak, 36°41'7" N-33°46'41" E, 22.07.2000 (Dils J., Faes J.); Akova, 36°21'19" N-33°9'6" E, 21.07.2000 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.); Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Dils J., Faes J.).

Genus *Exoprosopa* MACQUART 1840

***Exoprosopa baccha* LOEW 1869**

D i s t r i b u t i o n : Croatia, Egypt, France, Greece, Iran, Israel, Italy, Libya, Macedonia, Morocco, Slovenia, Turkey, former Yugoslavia.

M a t e r i a l : Adıyaman: Nemrut Dağı, 38°0'16,2" N-38°45'23,3"E, 28.06.2004 (Dils J.-Faes J.); Nemrut Dağı, 37°57'45"N-38°44'42"E, 24.07.2000 (Dils J.-Faes J.). Afyon: SultanDağı, 38°27'37"N-31°18'30"E, 19.07.2000 (Dils J.-Faes J.). Ağrı: Cumaçay, 39°56'26,7"N-43°13'45,9"E, 19.07.2004 (Dils J.-Faes J.). Antalya: Demirtaş, 36°26'4" N-32°11'59 "E, 06.09.1999 (Dils J.-Faes J.); Gündoğmuş, 36°45'45"N-32°0'58"E, 02.09.1999 (Dils J.-Faes J.); Demirtaş, 36°26'4"N-32°11'59"E, 10.09.1999 (Dils J.-Faes J.); Demirtaş, 36°26'45"N-32°13'45"E, 09.09.1999 (Dils J.-Faes J.); 28 km NE Elmalı, 16.07.1997 (De Prins, Olivier, VDP); 28 km NE Elmalı, 16.08.1997 (De Prins, Olivier, VDP); Yaylaalan, 37°0'42"N-31°34'42"E, 07.09.1999 (Dils J.-Faes J.); Köybaşı,

36°15'44"N-29°28'19"E, 21.06.1999 (Dils J.-Faes J.). Ardahan: 1 km W Posof, 09.07.1996 (Wagener). Erzincan: 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP); Hacibekir, 39°49'47,3"N-40°34'11,6"E, 05.08.2004 (Dils J.-Faes J.); Ahmetli, 39°53'20,8"N-39°21'21,2"E, 06.08.2004 (Dils J.-Faes J.). Erzurum: Kireçli geçidi, 40°21'9,1"N-41°40'58,7"E, 31.07.2004 (Dils J.-Faes J.); Toprakkale, 40°28'41,6"N-41°58'26,5"E, 28.07.2004 (Dils J.-Faes J.); Kop geçidi, 40°1'20,3"N-40°30'42"E, 27.07.2003 (Garrevoet T.C. & W.); Bozburun, 40°045,2"N-40°33'26,1"E, 01.08.2004 (Dils J.-Faes J.); Yumaklı, 40°14'21,3"N-41°31'9,3"E, 02.08.2003 (Garrevoet T.C. & W.); Gölyurt geçidi, 40°20'55,8"N-40°47'36,8"E, 03.08.2004 (Dils J.-Faes J.). Hakkari: Yüksekova, 37°40'29,8"N-44°7'38,3"E, 13.07.2004 (Dils J.-Faes J.); Süvarihalil geçidi, 37°29'49,7"N-43°22'19,8"E, 11.07.2004 (Dils J.-Faes J.); Dilezj geçidi, 37°40'4"N-44°23'6"E, 13.07.2004 (Dils J.-Faes J.); Üniversite Kamp., 39 54 005"N-41 14' 184 E, 24.07.2004 (Özbek H.). İçel: Çatak, 36°41'12"N-33°46'43"E, 17.06.1999 (Dils J.-Faes J.); Anogia, 39°21'37"N-20°56'4"E, 18.08.2000 (Dils J.-Faes J.). İzmir: Foça, 38°39'33"N-25°49'16"E, 09.06.1999 (Dils J.-Faes J.). Karaman: Pınarbaşı, 37°7'36"N-32°55'13"E, 19.06.1999 (Dils J.-Faes J.). Kars: Sarıkamış, 40°15'47,5"N-42°39'31,8"E, 21.07.2004 (Dils J.-Faes J.); Duranlı, 40°2'49,8"N-43°17'45,2"E, 21.07.2003 (Garrevoet T.C. & W.). Kayseri: Sarız, 38°28'23"N-36°33'13"E, 26.06.2004 (Dils J.-Faes J.); Sarız, 38°28'23"N-36°33'13"E, 27.07.2000 (Dils J.-Faes J.). Kahramanmaraş: Alikayası geçidi, 37°45'14"N-36°41'57,3"E, 1.07.2004 (Dils J.-Faes J.). Kütahya: Kozcağız, 39°41'23"N-29°30'35"E, 30.07.2000 (Dils J.-Faes J.). Muğla: Salkım, 37°24'40"N-28°14'15"E, 22.06.1999 (Dils J.-Faes J.); Mazıköy, 37°0'28"N-27°47'44"E, 29.04.2001 (Dils J.-Faes J.). Van: Gevaş, 38°16'10,6"N-43°41,3"E, 16. 07. 2004 (Dils., Faes J.).

***Exoprosopa capucina* FABRICIUS 1781**

D i s t r i b u t i o n : Albania, Armenia, Austria, Azerbaijan, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Luxemburg, Macedonia, Moldova, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Spain, Switzerland, Tajikistan, Turkmenistan, Ukraine, Uzbekistan.

M a t e r i a l : Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** Although this species has large distribution area in the world, it is here recorded for the first time in Turkey.

***Exoprosopa cleomene* EGGER 1859**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Belgium, Czech Republic, Egypt, Germany, Gruzia, Hungaria, Italy, Moldova, Poland, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Ukraine.

M a t e r i a l : Çanakkale: Çardak, 40°23'47" N-26°46'44" E, 18.07.2000 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-25°49'16" E, 09.06.1999 (Dils J., Faes J.). Kars: Sarıkamış, 40°15'47,5" N-42°39'31,8" E, 21.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.**

***Exoprosopa dedecor* LOEW 1871**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, China, Gruzia, Iran, Kaakhstan, Kyrgyz Republic, Mongolia, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

M a t e r i a l : Konya: Avdul, 37°25'54" N-32°43'59" E, 19.07.2000 (Dils J., Faes J.).

***Exoprosopa grandis* WIEDEMANN, 1820**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, Bosnia-Hercegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Portugal, Russia, Saudi Arabia, Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

M a t e r i a l : Antalya: Gündoğmuş, 36°45'45" N-32°0'58" E, 02.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 10.09.1999 (Dils J., Faes J.). Artvin: 8.10 km SW Yusufeli, 06.09.1991 (De Prins, VDP). İçel: Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.). Kars: 2 km S Akçav 40km N, 03.08.1996 (De Prins Olivier, VDP). Kütahya: Kozcağır, 39°41'23" N-29°30'35" E, 30.07.2000 (Dils J., Faes J.). Niğde: Koraç, 12.08.1997 (De Prins, Olivier, VDP).

***Exoprosopa melaena* LOEW 1874**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, China, Gruzia, Iran, Kyrgyz Republic, Russia (SET), Tajikistan, Turkey, Turkmenistan, Uzbekistan.

M a t e r i a l : Erzurum: 25 km NE İspir, 16.07.1992 De Prins, VDP. Kayseri: 34 km S Yahyalı, 07.08.1997 (De Prins, Olivier, VDP). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.).

***Exoprosopa minoides* PARAMONOW 1928**

D i s t r i b u t i o n : Armenia, Iran, Turkey.

M a t e r i a l : Çanakkale: Çardak, 18.07.2000 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Nevşehir: Avanos, 38°41'15,8" N-34°52'6" E, 10.07.2003 (Garrevoet T.C., W.). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Olivier A. V.d. Poorten); Kartalca 2 km N, 39°33'33,4" N-36°37'55,6" E, 26.07.2002 (Garrevoet T.C., W.). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.).

***Exoprosopa minois* LOEW 1869**

D i s t r i b u t i o n : Afghanistan, Algeria, Armenia, Azerbaijan, Croatia, Greece, Gruzia, Iran, Italy, Macedonia, Syria, Turkey, Turkmenistan, former Yugoslavia.

M a t e r i a l : Adıyaman: Halkuto, 37°57'45" N-38°44'42" E, 25.07.2000 (Dils J., Faes J.); Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Afyon: Sultan Dağı, 38°27'37" N-31°18'30" E, 19.07.2000 (Dils J., Faes J.). Ağrı: Akşar, 3 km W 40°39'3,6" N-42°18'50,9" E, 28.07.2004 (Dils J., Faes J.); Hayrangöl, 39°47'22,1" N-42°29'19,1" E, 01.08.2003 (Garrevoet T.C., W.); Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Erzurum: Bozburun, 39°59'38" N-40°33'37,1" E, 26.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'23" N-41°31'9" E, 24.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'21,1" N-41°31'9,4" E, 22.07.2004 (Özbek H.); Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.); Yumaklı, 40°14'23" N-41°31'9" E, 22.07.2004 (Dils J., Faes J.); Bozburun, 40°0'45,2" N-40°33'26,1" E, 01.08.2004 (Dils J., Faes J.); Üniversite Kamp, 39° 54 005 N-"E, 41° 14 184 03.08.1999 (Özbek H.). İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.); Güzeloluk, 36°44'34" N-34°8'12" E, 23.07.2000 (Dils J., Faes J.); Akova, 36°21'19" N-33°9'6" E, 21.07.2000 (Dils J., Faes J.); Çatak, 36°41'7" N-33°46'41" E, 22.07.2000 (Dils J., Faes J.); Hacıahmetli, 21.07.2000 (Dils J., Faes J.); Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.); Karatatha, 36°39'37,4" N-33°23'25,2" E, 18.06.2004 (Dils J., Faes J.). Isparta: Keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-26°49'16" E, 09.06.1999 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Konya: Karasınır, 37°13'14" N-32°38'25" E, 19.07.2000 (Dils J., Faes J.); Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.); Hasanşeyh, 37°45'20" N-32°1'40" E, 30.07.2000 (Dils J., Faes J.). Malatya: Reşadiye geçidi, 37°59'21" N-37°59'23,9" E, 29.06.2004 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Dils J., Faes J.). Taşkent: 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.).

***Exoprosopa minos* MEIGEN 1804**

D i s t r i b u t i o n : Algeria, Armenia, Austria, Azerbaijan, Croatia, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Poland, Romania, Russia, Slovakia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekista.

M a t e r i a l : Adiyaman: Halkuto, 37°57'45" N-38°44'42" E, 25.07.2000 (Dils J., Faes J.); Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Afyon: SultanDağı, 38°27'37" N-31°18'30" E, 19.07.2000 (Dils J., Faes J.). Ağrı: Hayrangöl, 39°46'45" N-42°27'45,4" E, 28.07.2003 (Garrevoet T.C., W.); Sarıkaya 4 km W, 40°40'56,6" N-42°24'18,6" E, 28.07.2004 (Dils J., Faes J.). Antalya: 11 km NE Elmali, 19.07.1997 (Van der Poorten Dirk); Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). Erzincan: 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP.). Erzurum: Toprakkale, 40°28'41,6" N-41°58'26,5" E, 28.07.2004 (Dils J., Faes J.). Hakkari: Yüksekova, 37°40'29,8" N-44°7'38,3" E, 13.07.2004 (Dils J., Faes J.). Kayseri: Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.); Develi Ovası, 38°27'10,8" N-35°12'31,8" E, 10.07.2003 (Garrevoet T.C., W.); Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Kütahya: Kozcağız, 39°41'23" N-29°30'35" E, 30.07.2000 (Dils J., Faes J.). Malatya: 3 km NW Darende, 02.08.1997 (De Prins, Olivier, VDP) Niğde: Aladağ W. side Koraç valley, 12.08.1997 (De Prins, Olivier, VDP); Koraç, 12.08.1997 (De Prins, Olivier, VDP); Maden, 37°27'33" N-34°36'37" E, 29.07.2000 (Dils J., Faes J.); Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.). Van: 30.33 km NE Çatak, 05.08.1996 (De Prins, Olivier, VDP).

***Exoprosopa pectoralis* LOEW 1862**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece, Gruzia, Iran, Israel, Italy, Kryrgyz Republic, Lebanon, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Antalya: Alanya, 36°30'8" N-32°8'47" E, 01.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-25°49'16" E, 09.06.1999 (Dils J., Faes J.). Kars: Köprübaşı, 02.08.1996 (De Prins, Olivier, VDP). Malatya: 3 km NW Darende, 02.08.1997 (De Prins, Olivier, VDP.).

***Exoprosopa subfasciata* ENGEL 1936**

D i s t r i b u t i o n : Armenia, Azerbaijan, Gruzia, Iran, Turkey.

M a t e r i a l : Erzurum: Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.).

Genus *Hemipenthes* LOEW 1869***Hemipenthes hamiferus* LOEW 1854**

D i s t r i b u t i o n : Armenia, Azerbaijan, Bulgaria, China, France, Greece, Gruzia, Iran, Italy, Kazakhstan, Kyrgyz Republic, Mongolia, Russia (ES, WS), Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Erzurum: Kop geçidi, 40°1'21,9" N-40°30'44,9" E, 23.07.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.); Gölyurt geçidi, 40°20'55,8" N-40°47'36,8" E, 03.08.2004 (Dils J., Faes J.); 21 km NW Tekman, 29.06.2000 (Van Oorschot H.); Yumaklı, 40°14'21,3" N-41°31'9,3" E, 24.07.2004 (Özbek H.). Kayseri: 34 km S Yahyalı, 07.08.1997 (De Prins, Olivier, VDP.).

***Hemipenthes mesasiatica* ZAITZEV 1962**

D i s t r i b u t i o n : Tajikistan, Turkmenistan, Uzbekistan.

M a t e r i a l : Erzurum: Kop geçidi, 40°1'21,9" N-40°30'44,9" E, 23.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** Our record extends the distribution area of *H mesasiatica* considerably westward. Then Turkey (Erzurum) is the westernmost distribution area of this species.

***Hemipenthes morio* LINNAEUS 1758**

D i s t r i b u t i o n : Nearctic: Canada, USA. Palaearctic: Afghanistan, Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Croatia, Cyprus, Czech-Republic, Denmark, Estonia, Finland, France, Greece, Gruzia, Hungary, Iran, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Macedonia, Moldova, Morocco, Netherlands, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

M a t e r i a l : Adana: Ahçibekirli, 37°36'24" N-34°58'9" E, 14.06.1999 (Dils J., Faes J.). Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Çanakkale: Behram, 39°30'22" N-26°19'52" E, 02.05.2001 (Dils J., Faes J.). Erzincan: 5 km W Akarsu, 14.07.2000 Olivier A. V.d. Poorten İçel: Çatak, 36°41'12" N-33°46'43"E, 17.06.1999 (Dils J., Faes J.). Kars: Sarıkamış, 40°15'37,5" N-42°39'29,4" E, 10.07.2001 (Garrevoet T.C., W.); Sarıkamış, 40°15'45" N-42°39'31,1" E, 15.07.2003 (Garrevoet T.C., W.) Malatya: Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°44'14" N-27°38'0" E, 26.04.2001 (Dils J., Faes J.).

***Hemipenthes velutina* MEIGEN 1820**

D i s t r i b u t i o n : Albania, Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, China, Croatia, Cyprus, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy, Lebanon, Macedonia, Moldova, Mongolia, Morocco, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tunisia, Turkey, Turkmenistan, Ukraine, former Yugoslavia.

M a t e r i a l : Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Ankara: Kızılçhamam, 28.07.2000 (Olivier A. V.d. Poorten). Antalya: Güzelsu, 36°57'13" N-31°45'46" E, 20.06.1999 (Dils J., Faes J.); Gazipaşa, 36°9'11" N-32°31'56" E, 04.09.1999 (Dils J., Faes J.); Dokuz Gölü, 36°35'45" N-29°58'10" E, 03.09.1999 (Dils J., Faes J.); Arapsuyu, 27.07.2001 (Özbek H.). Bitlis: Nemrut Dağı (Bitlis), 22.06.2000 (Van Oorschot H.); Edirne: İpsala, 40°52'34" N-26°31'8" E, 18.07.2000 (Dils J., Faes J.). Erzincan: Munzur Dağları, 15.12.2000 Olivier A. V.d. Poorten Erzurum: Akdag, 5.7 km W Olur, 01.08.1996 (De Prins, Olivier, VDP). Erzurum: Ovitdağı Geçidi SE. side, 29.07.1996 (De Prins, Olivier, VDP); Kireçli geçidi, 40°20'40,3" N-41°38'2,1" E, 27.07.2004 (Dils J., Faes J.); 25 km NW Tekman, 29.06.2000 (Van Oorschot H.); 26 km SW Erzurum, 29.06.2000 (Van Oorschot H.); 40 km SW Erzurum, 30.06.2000 (Van Oorschot H.); Tortum, 40°19'35" N-41°33'1,2" E, 27.07.2004 (Dils J., Faes J.). Hakkari: Süvarihalil geçidi, 37°29'48,6" N-43°22'36,8" E, 12.07.2004 (Dils J., Faes J.). İçel: Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.); Çatak, 36°41'7" N-33°46'41" E, 22.07.2000 (Dils J., Faes J.); Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.); Ioannina: Anogia, 39°21'37" N-20°56'4" E, 18.08.2000 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°49'46,7" N-32°56'0,6" E, 19.06.2004 (Dils J., Faes J.); Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Kayseri: Yedioluk, 38°33'36" N-36°26'12" E, 27.07.2000 (Dils J., Faes J.); Göksun, 38°10'58,7" N-36°27'24,1" E, 02.07.2004 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.). Niğde: Değirmenli, 38°4'16" N-34°50'40" E, 13.06.1999 (Dils J., Faes J.); Ala Dağları 15 km SE, 19.07.1995 (De Prins, Olivier, VDP). Sivas: Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Olivier A. V.d. Poorten); Van: Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.); Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.); Uzunyol, 39°20'40,6" N-44°1'6,5" E, 11.07.2001 (Garrevoet T.C., W.); 30.33 km NE Çatak, 05.08.1996 (De Prins, Olivier, VDP); Güzeldere geçidi, 38°10'29,5" N-43°56'54,6" E, 21.07.2002 (Garrevoet T.C., W.); Gevaş, 38°16'30,7" N-43°3'52,4" E, 12.07.2001 (Garrevoet T.C., W.).

Genus *Heteralonia* RONDANI 1863***Heteralonia aeaca* MEIGEN 1804**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, Austria, Bulgaria, Croatia, France, Iran,

Italy, Kazakhstan, Meacedonia, Moldova, Oman, Portugal, Russia (SET); Saudi-Arabia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yemen, former Yugoslavia.

M a t e r i a l : Antalya: Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.). Van: Gevaş, 38°16'30,7" N-43°3'52,6" E, 12.07.2001 (Garrevoet T.C., W.)

***Heteralonia dispar* LOEW 1869**

D i s t r i b u t i o n : France, Greece, Hungaria, Italy, Lebanon, Morocco, Portugal, Russia (SET), Spain, Tunisia, Turkey, former Yugoslavia.

M a t e r i a l : Antalya: Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.); 28 km S Elmalı, 16.07.1997 (De Prins, Olivier, VDP); 15 km E, Gazipaşa, 36°10'31" N-32°26'36" E, 11.09.1999 (Dils J., Faes J.). Çanakkale: Çardak, 40°23'47" N-26°46'44" E, 18.07.2000 (Dils J., Faes J.). Hakkari: Yüksekova, 37°40'29,8" N-44°7'38,3" E, 13.07.2004 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.). Isparta: 55 km SE Eğirdir, 14.08.1997 (De Prins, Olivier, VDP). Kayseri: Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.). Kahramanmaraş: Alikayası geçidi, 37°45'14" N-36°41'57,3" E, 01.07.2004 (Dils J., Faes J.). Konya: Avdul, 37°25'54" N-32°43'59" E, 19.07.2000 (Dils J., Faes J.). Kütahya: Kozcağız, 39°41'23" N-29°30'35" E, 30.07.2000 (Dils J., Faes J.). Malatya: 3 km NW Darende, 02.08.1997 (De Prins, Olivier, VDP). Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Muğla: Salkım, 37°24'40" N-28°14'15" E, 22.06.1999 (Dils J., Faes J.). Van: 30.33 km NE Çatak, 05.08.1996 (De Prins, Olivier, VDP).

***Heteralonia megerlei* MEIGEN 1820**

D i s t r i b u t i o n : Afrotropical: Chad, Gambia, Ghana, auritania, Niger, Nigeria, Senegal, Sudan, Yemen. Palaearctic: Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Oman, Romania, former Russia, Saudi Arabia, Slovenia, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, former Yugoslavia.

M a t e r i a l : Adiyaman: Çelikköy, 37°31'9,2" N-37°26'6,3" E, 01.07.2004 (Dils J., Faes J.); 10 km NE Celikan, 24.07.1995, (Van der Poorten). Antalya: Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.). 28 km NE Elmalı, 19.07.1997 (Van der Poorten Dirk); Bitlis: Yuvacık, 38°16'38,9" N-42°17'0,5" E, 18.07.2002 (Garrevoet T.C., W.). Erzincan: 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP). Erzurum: Bozburun, 39°59'36,6" N-40°33'34,1" E, 23.07.2004 (Dils J., Faes J.); Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.). Hakkari: Yüksekova, 37°40'29,8" N-44°7'38,3" E, 13.07.2004 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Karatatha, 36°39'37,4" N-33°23'25,2" E, 18.06.2004 (Dils J., Faes J.). Iğdır: 3 km S Tuzluca, 04.08.1996 (De Prins, Olivier, VDP). Isparta: keçiözümlü, 38°0'39" N-30°18'52" E, 11.06.1999 (Dils J., Faes J.). Karaman: Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.); Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.). KarsKağızman, 40°7'59,5" N-42°44'4,8" E, 10.07.2001 (Garrevoet T.C., W.). Karakurt, 40°9'40,3" N-42°38'27,5" E, 20.07.2003 (Garrevoet T.C., W.). Kayseri: Erciyes geçidi (Tekir), 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.). Kahramanmaraş: Alikayası geçidi, 37°45'14" N-36°41'57,3" E, 01.07.2004 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). Nevşehir: 6 km W of Ürgüp, 22.07.1998 De Prins W. Sivas: Tepeköy, 39°51'10" N-37°53'13,5" E, 26.07.2002 (Garrevoet T.C., W.). Gökpınar, 38°41'9" N-37°17'53" E, 26.07.2000 (Dils J., Faes J.). Van: Gevaş, 38°18'29,5" N-43°3'53,2" E, 19.07.2002 (Garrevoet T.C., W.).

***Heterolonia normalis* LOEW 1869**

Distribution: Greece, Italy, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

Material: Kayseri: Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.); Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.).

***Heterolonia subfasciata* ENGEL 1936**

Distribution: Armenia, Azerbaijan, Gruzia, Iran, Turkey.

Material: Erzurum: Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.).

***Heterolonia suffusa* KLUG 1832**

Distribution: Afghanistan, Armenia, Azerbaijan, Cyprus, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Moldova, Russia (SET), Saudi-Arabia, Somalia, Syria, Tunisia, Turkey, Ukraine, former Yugoslavia.

Material: Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.). Ankara: 8 km E of Bala, 39°32'45" N-33°12'32,8" E, 08.07.2002 (Garrevoet T.C., W.). Bingöl: Kırkağıl, 38°55'11" N-40°20'8,2" E, 12.07.2003 (Garrevoet T.C., W.). Erzurum: Bozburun, 39°59'38" N-40°33'37,1" E, 26.07.2004 (Dils J., Faes J.); Bozburun, 39°59'36,6" N-40°33'34,1" E, 23.07.2004 (Dils J., Faes J.); Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.). İçel: Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.); Haciahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.); Geçimli (Alahan), 36°47'8" N-33°20'54,1" E, 09.07.2002 (Garrevoet T.C., W.). Kahramanmaraş: Alikayası geçidi, 37°45'14" N-36°41'57,3" E, 01.07.2004 (Dils J., Faes J.). Konya: Karasınır, 37°13'14" N-32°38'25" E, 19.07.2000 (Dils J., Faes J.); Avdul, 37°25'54" N-32°43'59" E, 19.07.2000 (Dils J., Faes J.). Malatya: Reşadiye geçidi, 37°59'21" N-38°0'23,9" E, 29.06.2004 (Dils J., Faes J.). Nevşehir: 2 km NE of Göreme, 38°40'52,1" N-34°51'55,7" E, 09.07.2002 (Garrevoet T.C., W.). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.); Tımar, 38°48'56,8" N-43°24'16,8" E, 11.07.2001 (Garrevoet T.C., W.); Yukarınarlıca, 38°7'31,6" N-43°4'28,6" E, 17.07.2004 (Dils J., Faes J.); Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.); Yukarınarlıca, 38°7'31,4" N-43°4'28,4" E, 17.07.2004 (Garrevoet T.C. & J.); Gevaş, 38°16'30,8" N-43°3'52,3" E, 23.07.2003 (Garrevoet T.C., W.).

Genus *Pachyanthrax* FRANÇOIS 1964***Pachyanthrax telamon* LOEW 1869**

Distribution: Armenia, Azerbaijan, Cyprus, France, Greece, Gruzia, Iran, Israel, Italy, Kyrgyz Republic, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

Material: Ağrı: Tutak, 39°32'9,8" N-42°50'6" E, 13.07.2002 (Garrevoet T.C., W.); Patnos, 39°18'39,8" N-42°47'57" E, 13.07.2002 (Garrevoet T.C., W.). İzmir: Foça, 38°39'33" N-26°49'16" E, 09.06.1999 (Dils J., Faes J.). Kahramanmaraş: Alikayası geçidi, 37°45'14" N-36°41'57,3" E, 01.07.2004 (Dils J., Faes J.). Van: Gevaş, 38°16'10,6" N-43°4'1,3" E, 16.07.2004 (Dils J., Faes J.); Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.).

***Pachyanthrax unctus* LOEW 1869**

Distribution: Greece, Italy, Turkey.

Material: Isparta: Keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-26°49'16" E, 09.06.1999 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 25.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°44'14" N-27°45'59" E, 25.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.); Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.).

Genus *Ligyra* NEWMAN 1841***Ligyra ferrea* WALKER 1849**

Distribution: Albania, Armenia, Azerbaijan, Bulgaria, Cyprus, France, Greece, Gruzia, Italy, Moldova, Romania, Russia (SET), Ukraine.

Material: İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.). Kütahya: Kozcağız, 39°41'23" N-29°30'35" E, 30.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

Genus *Micomitra* BOWDEN 1964***Micomitra bella* AUSTEN 1937**

Distribution: Israel, Syria.

Material: Hakkari: Süvarihahil Geçidi, 37°29'49,7" N-43°22'19,8" E, 11.07.2004 (Dils J., Faes J.). **New for the Turkish fauna.** Turkey (Hakkari) is the northernmost distribution area.

***Micomitra iris* LOEW 1869**

Distribution: Armenia, Austria, Azerbaijan, Bulgaria, Croatia, France, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Krygyz Republic, Moldova, Romania, Russia (SET), Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

Material: Antalya: Çamkuyusu, 16.07.1997 (De Prins, Olivier, VDP). Antalya: Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.); 15 km E Gazipaşa, 36°10'31" N-32°26'36" E, 11.09.1999 (Dils J., Faes J.); Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.). Çanakkale: Çardak, 40°23'47" N-28°48'44" E, 18.07.2000 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.).

***Micomitra stupida* ROSSI 1790**

Distribution: Armenia, Austria, Azerbaijan, Egypt, Finland, France, Germany, Greece, Hungary, Iran, Italy, Kazakhstan, Krygyz Republic, Libya, Poland, Portugal, Romania, Russia (SET), Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

Material: Antalya: Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.).

Genus *Micrusia* EVENHUIS 1990***Micrusia sicula* EGGER 1859**

Distribution: Croatia, Greece, Italy, Macedonia, Slovenia, Syria, Turkey, former Yugoslavia.

Material: Muğla: Yerkesik, 37°7'29" N-28°16'15" E, 28.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'58" N-27°52'7" E, 25.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°46'53" N-28°0'55" E, 25.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 25.04.2001 (Dils J., Faes J.); Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.); Mumcular, 37°2'46" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°44'14" N-27°38'0" E, 26.04.2001 (Dils J., Faes J.); Mumcular, 37°49" N-27°40'54" E, 29.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°43'7" N-28°42'48" E, 22.04.2001 (Dils J., Faes J.). Nevşehir: Kaymaklı 20 km S Nevşehir, 03.07.1982 (Van Oorschot H.).

***Micrusia transcaspica* PARAMONOW 1950**

D i s t r i b u t i o n : Armenia, Azerbaijan, Macedonia, Turkmenistan, Uzbekistan.

M a t e r i a l : Adiyaman: Nemrut Dağı, 01.06.1995 (Van Oorschot H.). **New for the Turkish fauna.**

Pterobates* BEZZI 1921**Pterobates shelkovnikovi* PARAMONOW 1928**

D i s t r i b u t i o n : Armenia, Azerbaijan, Gruzia, Kyrgyz Republik, Tajikistan, Turkmenistan, Uzbekistan.

M a t e r i a l : Adiyaman: Nemrut Dağı, 1675 m, 37°57'45" N- 38°44'42" E, 24.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** This record in Turkey (Adiyaman) marks the westernmost occurrence of this species.

Plesiocera* MACQUART 1840**Plesiocera algira* MACQUART 1840**

D i s t r i b u t i o n : Algeria, Israel, Italy, Lebanon, Spain, Syria, Tunisia.

M a t e r i a l : Adana, Küçükgezbeli, 1440m, N-38°09'16.6" E-43°22'38.8, 12.07.2004 (J. Dils-J. Faes). **New for the Turkish fauna.**

Genus *Thyridanthrax* OSTEN SACKEN 1886***Thyridanthrax elegans* WIEDEMANN 1820**

D i s t r i b u t i o n : Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Iran, Italy, Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Malta, Moldova, Mongolia, Morocco, Poland, Portugal, Russia, Spain, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, former Yugoslavia.

M a t e r i a l : Antalya: Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.); Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.). İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.); Güzeloluk, 36°41'54" N-34°9'52" E, 15.06.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.). Isparta: keçiborlu, 38°0'39" N-30°18'52" E, 11.06.1999 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-25°49'16" E, 09.06.1999 (Dils J., Faes J.). Konya: Hadım, 36°58'33" N-32°25'51" E, 19.06.1999 (Dils J., Faes J.).

***Thyridanthrax incanus* KLUG 1832**

D i s t r i b u t i o n : Afghanistan, Algeria, Armenia, Azerbaijan, Cyprus, Egypt, France, Greece, Gruzia, Iran, Israel, Italy, Lebanon, Libya, Macedonia, Morocco, Syria, Tunisia, Turkey, Turkmenistan, former Yugoslavia.

M a t e r i a l : Adiyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Demirtaş, 36°26'4" N-32°11'59" E, 09.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.). Karaman: Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.). Şırnak: 9.12 km NW Şırnak, 19.06.2000 (Van Oorschot H.). Van: Gevaş, 38°16'30,7" N-43°3'52,4" E, 12.07.2001 (Garrevoet T.C., W.).

***Thyridanthrax lotus* LOEW1869**

D i s t r i b u t i o n : Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece, Gruzia, Iran, Italy, Kazakhstan, Kyrgyz Republic, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

M a t e r i a l : Antalya: Güzelsu, 36°53'22" N-31°52'5" E, 20.06.1999 (Dils J., Faes J.), Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.); Arapsuyu, N-05.08.1998 (Özbek H.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.); Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). Konya: Avdul, 37°25'54" N-32°43'59" E, 19.07.2000 (Dils J., Faes J.).

***Thyridanthrax obliteratus* LOEW 1862**

D i s t r i b u t i o n : Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Libya, Mongolia, Tajikistan, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : Antalya: Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J.). **New for the Turkish fauna.**

***Thyridanthrax perspicillaris* LOEW 1869**

D i s t r i b u t i o n : Afrotropical: Eritrea, Ethiopia, Gambia, Ghana, Mali, Maurithania, South Africa, Sudan. Palaearctic: Afghanistan, Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Egypt, France, Germany, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Morocco, Mongolia, Romania, Russia, Saudi Arabia, Spain, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, former Yugoslavia.

M a t e r i a l : Adıyaman: Nemrut Dağı, 37°56'51,1" N-38°43'47,9" E, 30.06.2004 (Dils J., Faes J.). Ağrı: Cumaçay, 39°56'26,7" N-43°13'45,9" E, 19.07.2004 (Dils J., Faes J.); Samkaya, 39°25'55,7" N-43°59'34,2" E, 18.07.2004 (Dils J., Faes J.). Bayburt: Kabaktepe, 40°13'40,9" N-39°41'53,9" E, 02.08.2004 (Dils J., Faes J.). Erzincan: 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP). Erzurum: Bozburun, 39°59'38" N-40°33'37,1" E, 26.07.2004 (Dils J., Faes J.); Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.); Gölyurt geçidi, 40°20'55,8" N-40°47'36,8" E, 03.08.2004 (Dils J., Faes J.), Yumaklı, 40°14'21,1" N-41°31'9,4" E, 24.07.2004 (Özbek H.); Yumaklı, 40°14'21,1" N-41°31'9,4" E, 24.07.2004 (Özbek H.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.); Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.); Anogia, 39°21'37" N-20°56'4" E, 18.08.2000 (Dils J., Faes J.). Isparta: 55 km SE Eğirdir, 04.08.1997 (De Prins Olivier, VDP). Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.). Kayseri: Yahyalı, 37°56'22" N-35°18'46" E, 28.07.2000 (Dils J., Faes J.). Erciyes geçidi (Tekir), 38°36'43,7" N-35°31'7,8" E, 04.07.2004 (Dils J., Faes J.). Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). Yedioluk, 38°33'36" N-36°26'12" E, 27.07.2000 (Dils J., Faes J.). Konya: 10.20 km E Ivriz, 29.07.1997 (De Prins, Olivier, VDP). Malatya: 3 km NW Darende, 02.08.1997 (De Prins, Olivier, VDP). Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.); Reşadiye geçidi, 37°59'21" N-37°59'23,9" E, 29.06.2004 (Dils J., Faes J.); 10 km SE Yesilyurt, 05.08.1996 (De Prins, Olivier, VDP). Nevşehir: 6 km W of Ürgüp, 22.07.1998 (De Prins W.). Niğde: Aladağ W. side Koraç valley, 12.08.1997 (De Prins, Olivier, VDP.); Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.); Maden, 37°27'33" N-34°36'37" E, 29.07.2000 (Dils J., Faes J.); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.). Van: 30.33 km NE Çatak, 05.08.1996 (De Prins, Olivier, VDP.); Kuzgunkıran geçidi, 38°23'13,5" N-42°47'42" E, 14.07.2004 (Dils J., Faes J.); Yukarınarhca, 38°8'32" N-43°4'29" E, 17.07.2004 (Dils J., Faes J.).

***Thyridanthrax polyphemus* WIEDEMANN 1820**

D i s t r i b u t i o n : Armenia, Azerbaijan, France, Greece, Gruzia, Iran, Israel, Italy, Libya, Malta, Morocco, Portugal, Spain, Syria, Tunisia, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

M a t e r i a l : İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). İzmir: Foça, 38°39'33" N-26°49'16" E, 09.06.1999 (Dils J., Faes J.). Malatya: Reşadiye geçidi, 37°58'3" N-37°59'27,3" E, 29.06.2004 (Dils J., Faes J.); Kubbe geçidi, 38°16'3" N-38°33'28" E, 27.06.2004 (Dils J., Faes J.).

Genus *Veribubo* EVENHUIS 1978***Veribubo desertus* ZAITZEV 1972**

Distribution: Armenia, Azerbaijan, Gruzia, Turkmenistan, Uzbekistan.

Material: Adıyaman: Nemrut Dağı, 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Antalya: Köybaşı, 36°15'44" N-29°28'19" E, 21.06.1999 (Dils J., Faes J.); Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 06.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.); Demirtaş, 36°26'4" N-32°11'59" E, 10.09.1999 (Dils J., Faes J.); Beşkonak, 37°6'53" N-31°13'0" E, 13.09.1999 (Dils J., Faes J.); Güzelsu, 36°53'22" N-31°52'5" E, 20.06.1999 (Dils J., Faes J.). Gündoğmuş, 36°45'45" N-32°0'58" E, 02.09.1999 (Dils J., Faes J.); Göltarla, 36°32'44" N-29°59'15" E, 21.06.1999 (Dils J., Faes J.). Çanakkale: Çardak, 40°23'47" N-28°48'44" E, 18.07.2000 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.), Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.); Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.); Çömelek, 36°43'27" N-33°39'50" E, 22.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

***Veribubo misellus* LOEW 1869**

Distribution: Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Libya, Tajikistan, Turkmenistan, Uzbekistan, former Yugoslavia.

Material: Malatya: 3 km NW Darende, 02.08.1997 (De Prins, Olivier, VDP.). **New for the Turkish fauna.**

***Veribubo transcaspicus* PARAMONOW 1924**

Distribution: Tajikistan, Turkmenistan, Uzbekistan.

Material: İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.). Konya: Karasınır, 37°13'14" N-32°38'25" E, 19.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** Our record extends the distribution area of this species considerably westward. Then Turkey (Konya) is the westernmost distribution point.

Genus *Villa* LIOY 1864***Villa abbadon* FABRICIUS 1794**

Distribution: Algeria, Armenia, Azerbaijan, Croatia, France, Greece, Gruzia, Iran, Italy, Lebanon, Spain, Syria, Turkmenistan, former Yugoslavia.

Material: İçel: Sertavul geçidi, 36°54'52,8" N-33°15'3,4" E, 07.07.2003 (Garrevoet T.C., W.). İzmir: Foça, 38°39'33" N-26°49'16" E, 09.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

***Villa albida* BECKER 1916**

Distribution: Hungaria, Italy.

Material: Adıyaman: Nemrut Dağı (Adıyaman), 37°57'45" N-38°44'42" E, 24.07.2000 (Dils J., Faes J.). Kayseri: Sarız, 38°28'23" N-36°33'13" E, 27.07.2000 (Dils J., Faes J.). **New for the Turkish fauna as well as Asia continent.** Our record extends the distribution area of this species considerably eastward. Then Turkey (Adıyaman) is the easternmost distribution area of this species.

***Villa brunnea* BECKER 1916**

D i s t r i b u t i o n : Armenia, Azerbaijan, Bulgaria, Croatia Cyprus, France, Greece, Iran, Italy, Moldova, Russia (SET), Spain, Turkey, Ukraine, former Yugoslavia.

M a t e r i a l : Antalya: Demirtaş, 36°26'45" N-32°13'45" E, 09.09.1999 (Dils J., Faes J.); Gazipaşa, 36°9'11" N-32°31'56" E, 04.09.1999 (Dils J., Faes J.); Güzelbağ, 36°43'44" N-31°56'49" E, 02.09.1999 (Dils J., Faes J.); Alanya, 36°30'8" N-32°8'47" E, 01.09.1999 (Dils J., Faes J.). İçel: Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.). Kayseri: S Yahyah, 31.07.1997 (De Prins, Olivier, VDP.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.).

***Villa deludens* FRANÇOIS 1966**

D i s t r i b u t i o n : Czech Republic, France, Greece, Italy, Slovakia, Turkey, former Yugoslavia.

M a t e r i a l : Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Kayseri: Yedioluk, 38°32'19" N-36°27'18" E, 27.07.2000 (Dils J., Faes J.).

***Villa distincta* MEIGEN 1838**

D i s t r i b u t i o n : Algeria, France, Greece, Italy, Morocco, Spain.

M a t e r i a l : Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). **New for the Turkish fauna as well as Asia continent.** Our record extends the distribution are of this species considerably eastward. Then central Turkey is the easternmost distribution point of this species.

***Villa hottentotta* LINNAEUS 1758**

D i s t r i b u t i o n : Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Ireland, Italy, Kyrgyz Republic, Latvia, Lithuania, Luxemburg, Macedonia, Malta, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, UK, Uzbekistan, formere Yugoslavia

M a t e r i a l : Antalya: Çamkuyusu, 16.07.1997 (De Prins, Olivier, VDP). Antalya: Yaylaalan, 37°0'42" N-31°34'42" E, 07.09.1999 (Dils J., Faes J.). Erzincan: 5 km N Kemaliye, 02.08.1997 (De Prins, Olivier, VDP). Isparta: Atabey, 37°54'54" N-30°38'13" E, 11.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.); Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.). Kars: Karakurt, 40°9'34,2" N-42°36'46,8" E, 10.07.2001 (Garrevoet T.C., W.); Karakurt, 40°9'34,2" N-42°36'46,8" E, 10.07.2001 (Özbek H); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.).

***Villa ixion* FABRICIUS 1794**

D i s t r i b u t i o n : Austria, Croatia, Cyprus, Czech Republic, France, Greece, Hungaria, Italy, Libya, Moldova, Morocco, Poland, Romania, Russia (SET), Slovakia, Slovenia, Spain, Swtzerland.

M a t e r i a l : İçel: Çatak, 36°41'12" N-33°46'43" E, 17.06.1999 (Dils J., Faes J.); Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.). Konya: Beyşehir, 37°33'25" N-31°27'11" E, 12.06.1999 (Dils J., Faes J.). Muğla: Reşadiye Yarımadaı, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.). **New for the Turkish fauna.** Our record extends the distribution area of this species considerably eastward. Then Turkey (Erzurum) is the northeasternmost distribution point of this species.

***Villa laevis* BECKER 1915**

Distribution: Egypt, Morocco, Tunisia.

Material: Erzurum: Yumaklı, 40°14'21,3" N-41°31'9,3" E, 18.07.2003 (Garrevoet T.C., W.); 9 km E Tekman, 28.06.2000 (Van Oorschot H.); Kayseri: Erciyes Dağı N. side, 30.07.1998 De Prins W. Konya: Palaz Dağı, 01.08.1985 Onbekend; Niğde: Maden, 37°27'33" N-34°36'37" E, 29.07.2000 (Dils J., Faes J.). Van: Gevaş, 38°16'30,7" N-43°3'52,4" E, 12.07.2001 (Garrevoet T.C., W.); 30.33 km NE Çatak, 05.08.1996 (De Prins, Olivier, VDP.); Gevaş, 38°17'19,3" N-43°4'34,7" E, 12.07.2001 (Garrevoet T.C., W.); Gevaş, 38°16'31,3" N-43°4'9,4" E, 20.07.2002 (Garrevoet T.C., W.). **New for the Turkish fauna as well as Asia Continant.** Our record extends the distribution area of this species considerably northward and northeastward.

***Villa leucostoma* MEIGEN 1820**

Distribution: France, Gibraltar, Italy, Moldova, Romania, Russia (SET); Spain, Ukraine, former Yugoslavia.

Material: İçel: Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

***Villa melanura* LOEW 1869**

Distribution: Afghanistan, Armenia, Azerbaijan, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Mongolia, Russia (WS), Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, former Yugoslavia.

Material: Kayseri: AlaDağları E. side, 07.07.1997 (De Prins, Olivier, VDP).

***Villa merlei* FRANÇOIS 1969**

Distribution: Iran, Turkey, Turkmenistan.

Material: Antalya: 28 km NE Elmalı, 16.07.1997 (De Prins, Olivier, VDP).

***Villa modesta* MEIGEN 1820**

Distribution: Albania, Armenia, Azerbaijan, Belgium, Czech Republic, Denmark, France, Germany, Greece, Gruzia, Hungary, Iran, Ireland, Italy, Poland, Spain, Sweden, Ukraine, Great Britain, former Yugoslavia.

Material: Antalya: Çamkuyusu, 16.07.1997 (De Prins, Olivier, VDP); Çamkuyusu, 16.07.1997 (De Prins, Olivier, VDP); Erzincan: 5 km S Çağlayan, 03.08.1997 (De Prins, Olivier, VDP). Kayseri: Ala Dağları E. side, 07.07.1997 (De Prins, Olivier, VDP). Niğde: Koraç, 12.08.1997 (De Prins, Olivier, VDP); Maden, 37°25'56" N-34°34'41" E, 28.07.2000 (Dils J., Faes J.); Ala Dağları 15 km SE, 11.08.1997 (De Prins, Olivier, VDP); Aladağ W. side Koraç valley, 12.08.1997 (De Prins, Olivier, VDP); Koraç, 12.08.1997 (De Prins, Olivier, VDP). **New for the Turkish fauna.**

***Villa mouchai* FRANÇOIS 1969**

Distribution: Russia (WS).

Material: Antalya: 28 km S Elmalı, 16.07.1997 (De Prins, Olivier, VDP) Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Konya: 10.20 km E İvriz, 29.07.1997 (De Prins, Olivier, VDP). Van: 30 km NE Çatak, 05.08.1997 (De Prins, Olivier, VDP.). **New for the Turkish fauna.** Our record extends the distribution area of this species considerably southward. Turkey (Antalya) is the southernmost distribution area of this species.

***Villa orientalis* PARAMONOW 1929**

Distribution: Armenia, Azerbaijan, Gruzia, Kazakhstan, Mongolia, Turkmenistan Uzbekistan.

Material: Antalya: Çamkuyusu, 16.07.1997 (De Prins, Olivier, VDP). Niğde: Aladağ W. side Koraç valley, 12.08.1997 (De Prins, Olivier, VDP). **New for the Turkish fauna.** Turkey is westernmost distribution area of this species.

***Villa panisca* ROSSI 1790**

Distribution: Europe, Asia.

Material: Ağrı: Hayrangöl, 39°46'45" N-42°27'45,5" E, 25.07.2003 (Garrevoet T.C., W.) Erzurum: İspir, 09.07.1996 (Defraigne L.).

***Villa pygarga* LOEW 1868**

Distribution: Bulgaria, Cyprus, Greece, Italy, Macedonia, Turkey.

Material: Isparta: keçiborlu, 37°53'51" N-30°23'8" E, 11.06.1999 (Dils J., Faes J.). Karaman: Balkusan, 36°49'51" N-32°56'32" E, 20.07.2000 (Dils J., Faes J.). Muğla: Reşadiye Yarımadası, 36°41'9" N-27°26'36" E, 26.04.2001 (Dils J., Faes J.); Taşkent, 36°52'52" N-32°31'14" E, 20.07.2000 (Dils J., Faes J.).

***Villa stenozona* LOEW 1869**

Distribution: Algeria, Egypt, France, Greece, Italy, Turkey, former Yugoslavia.

Material: İçel: Akova, 36°21'19" N-33°9'6" E, 21.07.2000 (Dils J., Faes J.). Karaman: Üçbölük, 36°31'0" N-33°0'20" E, 21.07.2000 (Dils J., Faes J.).

Genus *Oestranthrax* BEZZI 1921***Oestranthrax brunnescens* LOEW 1857**

Distribution: Egypt, Israel, Kyrgyz Republik, Syria, Tajikistan, Turkmenistan, Uzbekistan.

Material: Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.** Turkey (Malatya) is the westernmost distribution point of this species.

***Oestranthrax karavajevi* PARAMONOW 1931**

Distribution: Armenia, Azerbaijan, Gruzia, Kyrgyz Republik, Moldova, Russia (SET), Ukraina.

Material: Ağrı: Hayrangöl, 39°47'22,3" N-42°29'19,3" E, 28.07.2003 (Garrevoet T.C., W.) Erzurum: Bozburun, 39°59'36,6" N-40°33'34" E, 24.07.2004 (Dils J., Faes J.); Kireçli geçidi, 40°21'9,1" N-41°40'58,7" E, 31.07.2004 (Dils J., Faes J.); Bozburun, 39°59'38" N-40°33'37,1" E, 26.07.2004 (Dils J., Faes J.); Bozburun, 39°59'36,6" N-40°33'34,1" E, 23.07.2004 (Dils J., Faes J.). Malatya: Develi, 38°25'23" N-37°48'24" E, 26.07.2000 (Dils J., Faes J.). **New for the Turkish fauna.**

***Oestranthrax melanothrix* MIKSCH 1991**

Distribution: Greece.

Material: Karaman: Pınarbaşı, 37°7'36" N-32°56'13" E, 19.06.1999 (Dils J., Faes J.). **New for the Turkish fauna as well as Asia continent.** Turkey (Karaman) is the easternmost distribution point of this species.

Genus *Bombomyia* GREATHEAD 1995***Bombomyia discoidea* FABRICIUS 1794**

Distribution: Afrotropical: Botswana, Burundi, Chad, Congo, Eritrea, Ethiopia, Gambia, Ghana, Kenya, Malawi, Mozambique, Namibia, Niger, Nigeria, Senegal, South Africa, Swaziland, Tanzania, Togo, Uganda, Yemen, Zambia, Zimbabwe. Palaearctic: Algeria, Armenia, Austria, Azerbaijan, Belarus, China, Cyprus, Egypt, France, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Lebanon, Moldova, Mongolia, Morocco, Oman, former Russia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

Material: İçel: Anamur, 36°7'50" N-32°52'38" E, 04.09.1999 (Dils J., Faes J.); Anamur, 36°7'50" N-32°52'38" E, 11.09.1999 (Dils J., Faes J.).

***Bombomyia stictica* FABRICIUS 1794**

Distribution: Large distribution area, Europe, Asia, North Africa.

Material: Kayseri: Sarız, 38°28'23" N-36°33'13" E, 26.06.2004 (Dils J., Faes J.). Muğla: Yuvacık, 36°49'41" N-28°11'27" E, 24.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.).

Genus *Bombylella* GREATHEAD 1995***Bombylella atra* SCOPOLI 1763**

Distribution: Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Gibraltar, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Kuwait, Kyrgyz Republic, Latvia, Lebanon, Lithuania, Macedonia, Malta, Oman, Poland, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, former Yugoslavia.

Material: Çanakale: Babadere, 39°32'51" N-26°7'32" E, 20.04.2001 (Dils J., Faes J.). İçel: Güzeloluk, 36°44'34" N-34°8'12" E, 15.06.1999 (Dils J., Faes J.). Güzeloluk, 36°45'33" N-34°8'10" E, 22.06.2004 (Dils J., Faes J.). Karatatha, 36°40'37" N-33°23'25" E, 18.06.2004 (Dils J., Faes J.). Isparta: Aksu, 37°47'31" N-31°6'12" E, 12.06.1999 (Dils J., Faes J.). İzmir: Yenibağarası, 38°40'8" N-26°52'59" E, 30.04.2001 (Dils J., Faes J.). Karaman: Yelibeli geçidi, 36°50'47" N-32°56'1" E, 20.06.2004 (Dils J., Faes J.); Balkusan, 36°49'41" N-32°55'57" E, 18.06.1999 (Dils J., Faes J.). Kayseri: Bakırdağı, 38°13'38" N-35°25'6" E, 25.06.2004 (Dils J., Faes J.); Püren geçidi, 37°56'20" N-36°30'45" E, 02.07.2004 (Dils J., Faes J.). Muğla: A, epe, 37°40" N-28°7'55" E, 28.04.2001 (Dils J., Faes J.), Mumcular, 37°2'46" N-27°42'4" E, 29.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°44'14" N-27°38'0" E, 26.04.2001 (Dils J., Faes J.); Reşadiye Yarımadası, 36°45'51" N-27°45'59" E, 22.04.2001 (Dils J., Faes J.). Niğde: Maden, 37°25'13" N-34°34'59" E, 23.06.2004 (Dils J., Faes J.).

Genus *Beckerellus* GREATHEAD 1995***Beckerellus androgynus* LOEW 1855**

Distribution: Albania, Armenia, Azerbaijan, Croatia, Egypt, Greece, Gruzia, Iran, Italy, Kazakhtan, Lebanon, Macedonia, Moldova, Romania, Russia (SET), Slovenia, Syria, Turkey, Ukraine, Uzbekistan, former Yugoslavia.

Material: Karaman: Pınarbaşı, 37°7'36" N-32°55'13" E, 19.06.1999 (Dils J., Faes J.).

Genus *Caecanthrax* GREATHEAD 1981***Caecanthrax arabicus* MACQUART 1840**

D i s t r i b u t i o n : Large distribution area, Europe, Asia.

M a t e r i a l : Adiyaman: Nemrut Dağı, 37°56'49,4" N-38°43'48,4" E, 30.06.2004 (Dils J., Faes J.). Bingöl: 2 km NW Kırkağıl, 38°55'12" N-40°20'8,9" E, 18.07.2002 (Garrevoet T.C., W.). İçel: Sarıkavak, 36°32'43" N-33°36'16" E, 17.06.1999 (Dils J., Faes J.). Hacıahmetli, 36°41'13,7" N-33°38'39,7" E, 10.07.2002 (Garrevoet T.C., W.); Hacıahmetli, 36°40'19" N-33°38'46" E, 21.07.2000 (Dils J., Faes J.). Kahramanmaraş: Alikayası geçidi, 37°45'14" N-36°41'57,3" E, 01.07.2004 (Dils J., Faes J.). Nevşehir: 3 km E of Göreme, 38°40'32,9" N-34°52'59" E, 28.07.2002 (Garrevoet T.C., W.). Van: Tımar, 38°48'56,8" N-43°24'16,8" E, 11.07.2001 (Garrevoet T.C., W.).

Conclusion

In this study 187 species in 46 genera have been recorded. Of which, 60 species and 7 genera (*Cononedys*, *Ligyra*, *Mariobezzia*, *Oestranthrax*, *Plesiocera*, *Pterobates*, and *Veribubo*) are new for the Turkish fauna. Additionally, new distribution areas are added to all of the species. The checklist of the Turkish Bombyliidae published by HASBENLI & EVENHUIS (2000) compiles 194 species in 40 genera. The merged list compiles 254 species in 47 genera. Then with previous records the number of the species occurring in Turkey increased to 254. From the faunistical point of view, the country is still far from being complete. Since it was foreseen in our project that several years should be necessary to have a good insight in the Bombyliid fauna of Turkey, especially the richness and variety of eastern Turkey, the research has to be continued as in this paper the results of the 2004 expedition is only partially included. It is indispensable that the entomological fauna, especially in the northeastern and southeastern provinces of Turkey, must be studied in more detail, since in these areas the influences and interactions with the Caucasian and Iranian/Syrian fauna are very consistend, the study is necessary to achieve a good understanding in the taxonomic evolution of the Bombyliidae in general.

About the species, it is important to emphasise that it is useless to protect only the animals, the only solution to prevent an eventual extinction of a Bombyliid species, is to protect the biotopes. This is true, not only for insects, but for all flora and fauna.

Finally, we would like to impress upon the fact that urgent measurements are necessary for consciousness raising of the Turkish people concerning the deposit of rubbish everywhere in nature. Due to this demeanour caused by ignorance, nature is polluted in a rapid way and this really would be a pity considering the extreme beauty and richness of the Turkish nature.

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Zusammenfassung

187 Arten aus 46 Gattungen der Familie Bombyliidae, beobachtet und gesammelt in der Türkei im Zeitraum 1996 bis 2004, werden behandelt. Faunistik und Angaben zur Verbreitung werden erörtert. 60 Arten und 7 Gattungen (*Cononedys*, *Ligyra*, *Mariobezzia*, *Oestranthrax*, *Plesiocera*, *Pterobates* und *Veribubo*) sind neu für die Türkei, insgesamt gelang der Nachweis von 254 Arten aus 47 Gattungen. Soweit wie möglich wurde die Genitalmorphologie studiert, um die Bestimmung sicher zu stellen.

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Appendix

List of the species of Bombyliidae occurring in Turkey. Species marked with an asterisk (*) are new records for Turkey. Species marked with "✓" have been previously known from Turkey but recorded in this study too and are present in our collection. Species not marked are listed in the checklist of HASBENLI & EVENHUIS (2000).

1	*	<i>Amictus</i>	<i>pictus</i>	LOEW 1969
2		<i>Amictus</i>	<i>pulchellus</i>	MACQUART 1849
3	✓	<i>Amictus</i>	<i>scutellaris</i>	LOEW 1869
4	✓	<i>Amictus</i>	<i>setosus</i>	LOEW 1869
5	✓	<i>Amictus</i>	<i>validus</i>	LOEW 1869
6		<i>Amictus</i>	<i>virgatus</i>	AUSTEN 937
7	✓	<i>Anastoechus</i>	<i>araxis</i>	PARAMONOW 1926
8	*	<i>Anastoechus</i>	<i>hyrcanus</i>	WIED 1818
9	✓	<i>Anastoechus</i>	<i>nitidulus</i>	FABRICIUS 1794
10	✓	<i>Anthrax</i>	<i>anthrax</i>	SCHRANK 1781
11	*	<i>Anthrax</i>	<i>aethiops</i>	FABRICIUS 1781
12	✓	<i>Anthrax</i>	<i>binotatus</i>	WIEDEMANN 1820
13		<i>Anthrax</i>	<i>flavipes</i>	VON RÖDER 1896
14	✓	<i>Anthrax</i>	<i>flavus</i>	SACK 1909
15		<i>Anthrax</i>	<i>leucogaster</i>	WIEDEMANN 1820
16	*	<i>Anthrax</i>	<i>lucidus</i>	BECKER 1902
17		<i>Anthrax</i>	<i>monachus</i>	SACK 1909
18	✓	<i>Anthrax</i>	<i>pilosulus</i>	STROBL 1902
19	✓	<i>Anthrax</i>	<i>sticticus</i>	KLUG 1832
20	✓	<i>Anthrax</i>	<i>trifasciata</i>	MEIGEN 1804
21	✓	<i>Anthrax</i>	<i>varia</i>	FABRICIUS 1794
22	✓	<i>Anthrax</i>	<i>virgo</i>	EGGER 1859
23	*	<i>Anthrax</i>	<i>jazykovi</i>	PARAMONOW 1931
24	✓	<i>Apolisis</i>	<i>fumipennis</i>	LOEW 1844
25	✓	<i>Beckerellus</i>	<i>androgynus</i>	LOEW 1855
26	✓	<i>Bombomyia</i>	<i>discoidea</i>	FABRICIUS 1794
27	✓	<i>Bombomyia</i>	<i>stictica</i>	FABRICIUS 1794
28	✓	<i>Bombylella</i>	<i>atra</i>	SCOPOLI 1763
29	✓	<i>Bombylisoma</i>	<i>brevisculum</i>	LOEW 1855
30	✓	<i>Bombylisoma</i>	<i>croaticum</i>	KERTÉSZ 1901
31	*	<i>Bombylisoma</i>	<i>flavibarbum</i>	LOEW 1855

32	✓	<i>Bombylisoma</i>	<i>imitator</i>	LOEW 1855
33		<i>Bombylisoma</i>	<i>melanocephalum</i>	FABRICIUS 1794
34	✓	<i>Bombylisoma</i>	<i>minimum</i>	SCHRANK 1781
35		<i>Bombylisoma</i>	<i>nigriceps</i>	LOEW 1862
36		<i>Bombylisoma</i>	<i>simulator</i>	LOEW 1855
37		<i>Bombylisoma</i>	<i>turkmenicum</i>	PARAMONOW 1926
38	✓	<i>Bombylisoma</i>	<i>unicolor</i>	LOEW 1885
39		<i>Bombylius</i>	<i>ambustus</i>	PALLAS IN WIEDEMANN 1818
40		<i>Bombylius</i>	<i>analisis ssp analis</i>	OLIVIER 1781
41	✓	<i>Bombylius</i>	<i>analisis ssp diagonalis</i>	WIEDEMANN IN MEIGEN 1820
42	✓	<i>Bombylius</i>	<i>candidus</i>	LOEW 1855
43	✓	<i>Bombylius</i>	<i>canescens</i>	MIKAN 1796
44	✓	<i>Bombylius</i> (<i>Zephyrectes</i>)	<i>cinerarius</i>	PALLAS IN WIEDEMANN 1818
45	✓	<i>Bombylius</i>	<i>cinerascens</i>	MIKAN 1796
46	✓	<i>Bombylius</i>	<i>citrinus</i>	LOEW 1855
47		<i>Bombylius</i>	<i>discolor</i>	MIKAN 1796
48	✓	<i>Bombylius</i>	<i>fimbriatus</i>	MEIGEN 1820
49		<i>Bombylius</i>	<i>flavipes</i>	WIEDEMANN 1828
50		<i>Bombylius</i>	<i>floccosus</i>	LOEW 1857
51	✓	<i>Bombylius</i>	<i>fulvescens</i>	WIEDEMANN 1820
52		<i>Bombylius</i>	<i>major</i>	LINNAEUS 1785
53	✓	<i>Bombylius</i>	<i>medius</i>	LINNAEUS 1758
54	✓	<i>Bombylius</i>	<i>minor</i>	LINNAEUS 1758
55	✓	<i>Bombylius</i>	<i>modestus</i>	LOEW 1873
56	✓	<i>Bombylius</i>	<i>niveus</i>	MEIGEN 1804
57	✓	<i>Bombylius</i>	<i>posticus</i>	FABRICIUS 1805
58	✓	<i>Bombylius</i>	<i>pumilus</i>	MEIGEN 1820
59		<i>Bombylius</i>	<i>punctipennis</i>	LOEW 1855
60	✓	<i>Bombylius</i>	<i>rhodius</i>	LOEW 1855
61	✓	<i>Bombylius</i>	<i>trichurus</i>	PALLAS IN WIEDEMAN 1818
62	✓	<i>Bombylius</i>	<i>venosus</i>	MIKAN 1796
63	✓	<i>Bombylius</i> (<i>Zephyrectes</i>)	<i>quadrifarius</i>	LOEW 1855
64	✓	<i>Caecanthrax</i>	<i>arabicus</i>	MACQUART 1840
65	✓	<i>Callostoma</i>	<i>fascipenne</i>	MACQUART 1840
66	✓	<i>Chalcochiton</i>	<i>pallasii</i>	LOEW 1856
67	✓	<i>Chalcochiton</i>	<i>speciosus</i>	LOEW 1844
68		<i>Chalcochiton</i>	<i>syriacus</i>	LOEW 1869
69	*	Cononedys	stenura	LOEW 1871
70	✓	<i>Conophorus</i>	<i>aktashi</i>	HASBENLI 1998
71		<i>Conophorus</i>	<i>anatolicus</i>	ZAITZEV 1981
72		<i>Conophorus</i>	<i>asiaticus</i>	PARAMONOW 1929
73		<i>Conophorus</i>	<i>bivittatus</i>	LOEW 1862
74		<i>Conophorus</i>	<i>bombyliiformis</i>	LOEW 1873
75	✓	<i>Conophorus</i>	<i>glaucescens</i>	LOEW 1863
76	✓	<i>Conophorus</i>	<i>nobilis</i>	LOEW 1873

77	✓	<i>Conophorus</i>	<i>rjabovi</i>	PARAMONOW 1929
78	✓	<i>Conophorus</i>	<i>rossicus</i>	PARAMONOW 1929
79	✓	<i>Conophorus</i>	<i>simplex</i>	LOEW 1869
80	✓	<i>Conophorus</i>	<i>storthus</i>	BOWDEN 1967
81	✓	<i>Conophorus</i>	<i>syriacus</i>	PARAMONOW 1929
82	✓	<i>Conophorus</i>	<i>virescens</i>	FABRICIUS 1787
83	✓	<i>Cyllenia</i>	<i>marginata</i>	LOEW 1846
84	✓	<i>Cyllenia</i>	<i>obsoleta</i>	LOEW 1846
85	*	<i>Cyllenia</i>	<i>rustica</i>	ROSSI 1790
86	*	<i>Cytharea</i>	<i>fenestrulata</i>	LOEW 1873
87	*	<i>Cytharea</i>	<i>alexandrina</i>	BECKER 1902
88		<i>Cytharea</i>	<i>delicata</i>	BECKER 1906
89	✓	<i>Cytharea</i>	<i>dispar</i>	LOEW 1873
90		<i>Cytharea</i>	<i>fenestrata</i>	LOEW 1873
91		<i>Cytharea</i>	<i>melaleuca</i>	LOEW 1873
92	✓	<i>Cytharea</i>	<i>obscura</i>	FABRICIUS 1794
93	✓	<i>Eclimus</i>	<i>gracilis</i>	LOEW 1844
94		<i>Eclimus</i>	<i>perspicillaris</i>	LOEW 1844
95	✓	<i>Exhyalanthrax</i>	<i>afer</i>	FABRICIUS 1794
96		<i>Exhyalanthrax</i>	<i>albicingulus</i>	AUSTEN 1936
97		<i>Exhyalanthrax</i>	<i>argentifer</i>	BECKER 1916
98		<i>Exhyalanthrax</i>	<i>autumnalis</i>	BECKER 1916
99	*	<i>Exhyalanthrax</i>	<i>contrarius</i>	BECKER 1916
100	✓	<i>Exhyalanthrax</i>	<i>melanchlaenus</i>	LOEW 1869
101	✓	<i>Exhyalanthrax</i>	<i>muscarius</i>	PALAS 1818
102	✓	<i>Exoprosopa</i>	<i>baccha</i>	LOEW 1869
103	*	<i>Exoprosopa</i>	<i>capucina</i>	FABRICIUS 1781
104	*	<i>Exoprosopa</i>	<i>cleomene</i>	EGGER 1859
105	✓	<i>Exoprosopa</i>	<i>dedecor</i>	LOEW 1871
106	✓	<i>Exoprosopa</i>	<i>grandis</i>	WIEDEMANN 1820
107		<i>Exoprosopa</i>	<i>jacchus</i>	FABRICIUS 1805
108		<i>Exoprosopa</i>	<i>maenas</i>	LOEW 1869
109	✓	<i>Exoprosopa</i>	<i>melaena</i>	LOEW 1874
110	✓	<i>Exoprosopa</i>	<i>minoides</i>	PARAMONOW 1928
111	✓	<i>Exoprosopa</i>	<i>minois</i>	LOEW 1869
112	✓	<i>Exoprosopa</i>	<i>minos</i>	MEIGEN 1804
113		<i>Exoprosopa</i>	<i>onusta</i>	WALKER 1852
114	✓	<i>Exoprosopa</i>	<i>pectoralis</i>	LOEW 1862
115	✓	<i>Exoprosopa</i>	<i>subfasciatai</i>	ENGEL 1936
116	✓	<i>Geron</i>	<i>krymensis</i>	PARAMONOW 1929
117	✓	<i>Geron</i>	<i>olivieri</i>	MACQUART 1840
118	✓	<i>Geron</i>	<i>smirnovi</i>	ZAITZEV 1978
119	*	<i>Geron</i>	<i>asiaticus</i>	ZAITZEV 1967
120	*	<i>Geron</i>	<i>auratus</i>	ZAITZEV 1962
121	*	<i>Geron</i>	<i>emiliae</i>	ZAITZEV 1964

122	*	Geron	<i>gibbosus</i>	OLIVIER 1789
123	*	Geron	<i>griseus</i>	ZAITZEV 1962
124	*	Geron	<i>halteris</i>	MEIGEN 1820
125	*	Geron	<i>kozlovi</i>	ZAITZEV 1972
126	*	Geron	<i>longiventris</i>	EFFLATOUN 1945
127	*	Geron	<i>macquarti</i>	GREATHEAD 1999
128	✓	<i>Hemipenthes</i>	<i>hamiferus</i>	LOEW 1854
129	*	Hemipenthes	<i>mesasiatica</i>	ZAITZEV 1962
130		<i>Hemipenthes</i>	<i>maura</i>	LINNAEUS 1758
131	✓	<i>Hemipenthes</i>	<i>morio</i>	LINNAEUS 1758
132		<i>Hemipenthes</i>	<i>subvelutina</i>	ZAITZEV 1966
133	✓	<i>Hemipenthes</i>	<i>velutina</i>	MEIGEN 1820
134	✓	<i>Heteralonia</i>	<i>aeaca</i>	MEIGEN 1804
135		<i>Heteralonia</i>	<i>algira</i>	FABRICIUS 1794
136	✓	<i>Heteralonia</i>	<i>dispar</i>	LOEW 1869
137	✓	<i>Heteralonia</i>	<i>megerlei</i>	MEIGEN 1820
138	✓	<i>Heteralonia</i>	<i>normalis</i>	LOEW 1869
139		<i>Heteralonia</i>	<i>rivularis</i>	MEIGEN 1820
140		<i>Heteralonia</i>	<i>rivulosa</i>	BECKER 1902
141	✓	<i>Heteralonia</i>	<i>subfasciata</i>	ENGEL 1936
142	✓	<i>Heteralonia</i>	<i>suffusa</i>	KLUG 1832
143	*	Heterotropus	<i>albidipennis</i>	LOEW 1873
144		<i>Heterotropus</i>	<i>pyrus</i>	BOWDEN 1967
145		<i>Heterotropus</i>	<i>taurus</i>	BOWDEN 1967
146	✓	<i>Legnotomyia</i>	<i>singularis</i>	MACQUART 1846
147	*	Legnotomyia	<i>trichorhoea</i>	LOEW 1855
148	*	Ligyra	<i>ferrea</i>	WALKER 1849
149		<i>Lomatia</i>	<i>abbreviata</i>	VILLENEUVE 1913
150		<i>Lomatia</i>	<i>alecto</i>	LOEW 1846
151	✓	<i>Lomatia</i>	<i>armeniaca</i>	PARAMONOW 1924
152	✓	<i>Lomatia</i>	<i>belzebul</i>	FABRICIUS 1794
153	*	Lomatia	<i>erynnis</i>	LOEW 1869
154		<i>Lomatia</i>	<i>fasciculata</i>	LOEW 1869
155	*	Lomatia	<i>flavitibia</i>	ZAITZEV 1966
156		<i>Lomatia</i>	<i>grajugena</i>	LOEW 1869
157	*	Lomatia	<i>lachesis</i>	EGGER 1859
158	*	Lomatia	<i>persica</i>	PARAMONOW 1924
159	✓	<i>Lomatia</i>	<i>polyzona</i>	LOEW 1869
160	*	Lomatia	<i>rogenhoferi</i>	NOWICKI 1867
161	✓	<i>Lomatia</i>	<i>sabaea</i>	FABRICIUS 1781
162	✓	<i>Lomatia</i>	<i>superba</i>	LOEW 1868
163		<i>Lomatia</i>	<i>tysiphone</i>	LOEW 1860
164	*	Mariobezzia	<i>lichtwardti</i>	BECKER 1913
165	*	Micomitra	<i>bella</i>	AUSTEN 1937
166	✓	<i>Micomitra</i>	<i>iris</i>	LOEW 1869

167	✓	<i>Micomitra</i>	<i>stupida</i>	ROSSI 1790
168	✓	<i>Micrusia</i>	<i>sicula</i>	EGGER 1859
169		<i>Micrusia</i>	<i>versicolor</i>	FABRICIUS 1787
170	*	<i>Micrusia</i>	<i>transcaspica</i>	PARAMONOW 1950
171	*	<i>Oestranthrax</i>	<i>brunnescens</i>	LOEW 1857
172	*	<i>Oestranthrax</i>	<i>karavajevi</i>	PARAMONOW 1931
173	*	<i>Oestranthrax</i>	<i>melanothrix</i>	MIKSCH 1991
174		<i>Oligodranes</i>	<i>obscuripennis</i>	LOEW 1844
175	✓	<i>Pachyanthrax</i>	<i>telamon</i>	LOEW 1869
176	✓	<i>Pachyanthrax</i>	<i>unctus</i>	LOEW 1869
177		<i>Parageron</i>	<i>punctipennis</i>	LOEW 1846
178	✓	<i>Petrorossia</i>	<i>hesperus</i>	ROSSI 1790
179	✓	<i>Petrorossia</i>	<i>letho</i>	WIEDEMANN 1828
180	✓	<i>Phthiria</i>	<i>conspicua</i>	LOEW 1846
181	✓	<i>Phthiria</i>	<i>gaedii</i>	WIED 1820 APUD MEIGEN
182	✓	<i>Phthiria</i>	<i>pulicaria</i>	MIKAN 1796
183	✓	<i>Phthiria</i>	<i>subnitens</i>	LOEW 1846
184	✓	<i>Phthiria</i>	<i>vagans</i>	LOEW 1846
185	*	<i>Plesiocera</i>	<i>algira</i>	MACQUART 1840
186	*	<i>Prorachtes</i>	<i>beckeri</i>	PARAMONOW 1926
187		<i>Prorachtes</i>	<i>ledereri</i>	LOEW 1868
188	*	<i>Prorachtes</i>	<i>pleskei</i>	PARAMONOW 1926
189	*	<i>Pterobates</i>	<i>shelkovnikovii</i>	PARAMONOW 1928
190	✓	<i>Satyramoeba</i>	<i>hetrusca</i>	FABRICIUS 1794
191	✓	<i>Spogostylum</i>	<i>candidum</i>	SACK 1909
192	*	<i>Spogostylum</i>	<i>caucasicum</i>	ZAITZEV 1961
193		<i>Spogostylum</i>	<i>hippolita</i>	WIEDEMANN 1828
194	*	<i>Spogostylum</i>	<i>dubium</i>	ZAITZEV 1961
195	✓	<i>Spogostylum</i>	<i>isis</i>	MEIGEN 1820
196		<i>Spogostylum</i>	<i>niphias</i>	HERMANN 1907
197	*	<i>Spogostylum</i>	<i>rufulum</i>	ZAITZEV 1961
198	✓	<i>Spogostylum</i>	<i>tripunctatum</i>	WIEDEMANN, 1820
199	*	<i>Spogostylum</i>	<i>zaitzevi</i>	EVENHUIS & GREATHEAD 1999
200	✓	<i>Stomylomyia</i>	<i>europaea</i>	LOEW 1869
201	✓	<i>Systoechus</i>	<i>autumnalis</i>	PALLAS IN WIEDEMANN 1818
202	✓	<i>Systoechus</i>	<i>ctenopterus</i>	MIKAN 1796
203	✓	<i>Systoechus</i>	<i>gradatus</i>	WIEDEMANN 1818
204	*	<i>Systoechus</i>	<i>longirostris</i>	BECKER 1916
205		<i>Systoechus</i>	<i>tesquorum</i>	BECKER 1916
206	✓	<i>Thyridanthrax</i>	<i>elegans</i>	WIEDEMANN 1820
207		<i>Thyridanthrax</i>	<i>fenestratus</i>	FALLÉN 1814
208	✓	<i>Thyridanthrax</i>	<i>incanus</i>	KLUG 1832
209	✓	<i>Thyridanthrax</i>	<i>lotus</i>	LOEW 1869
210		<i>Thyridanthrax</i>	<i>mutilus</i>	LOEW 1869
211	*	<i>Thyridanthrax</i>	<i>obliteratus</i>	LOEW 1862

212	✓	<i>Thyridanthrax</i>	<i>perspicillaris</i>	LOEW 1869
213	✓	<i>Thyridanthrax</i>	<i>polyphemus</i>	WIEDEMANN 1820
214	✓	<i>Toxophora</i>	<i>fasciculata</i>	VILLERS 1789
215		<i>Triplasius</i>	<i>pictus</i>	PANZER 1794
216		<i>Usia</i>	<i>aenea</i>	ROSSI 1794
217	✓	<i>Usia</i>	<i>bicolor</i>	MACQUART 1855
218	✓	<i>Usia</i>	<i>calva</i>	LOEW 1869
219	✓	<i>Usia</i>	<i>lata</i>	LOEW 1846
220	*	<i>Usia</i>	<i>transcaspica</i>	PARAMONOW 1950
221	*	<i>Veribubo</i>	<i>desertus</i>	ZAITZEV 1972
222	*	<i>Veribubo</i>	<i>misellus</i>	LOEW 1869
223	*	<i>Veribubo</i>	<i>transcaspicus</i>	PARAMONOW 1924
224	*	<i>Villa</i>	<i>abbadon</i>	FABRICIUS 1794
225	*	<i>Villa</i>	<i>albida</i>	BECKER 1916
226		<i>Villa</i>	<i>albula</i>	LOEW 1869
227		<i>Villa</i>	<i>bizonata</i>	BECKER 1916
228		<i>Villa</i>	<i>bombiformis</i>	BECKER 1916
229	✓	<i>Villa</i>	<i>brunnea</i>	BECKER 1916
230		<i>Villa</i>	<i>cana</i>	MEIGEN 1804
231	✓	<i>Villa</i>	<i>deludens</i>	FRANÇOIS 1966
232	*	<i>Villa</i>	<i>distincta</i>	MEIGEN 1838
233		<i>Villa</i>	<i>fasciata</i>	MEIGEN 1804
234		<i>Villa</i>	<i>haesitans</i>	BECKER 1916
235	✓	<i>Villa</i>	<i>hottentotta</i>	LINNAEUS 1758
236	*	<i>Villa</i>	<i>ixion</i>	FABRICIUS 1794
237	*	<i>Villa</i>	<i>laevis</i>	BECKER 1915
238	*	<i>Villa</i>	<i>leucostoma</i>	MEIGEN 1820
239	✓	<i>Villa</i>	<i>melanura</i>	LOEW 1869
240	✓	<i>Villa</i>	<i>merlei</i>	FRANÇOIS 1969
241	*	<i>Villa</i>	<i>modesta</i>	MEIGEN 1820
242	*	<i>Villa</i>	<i>mouchai</i>	FRANÇOIS 1969
243		<i>Villa</i>	<i>multibalteata</i>	AUSTEN 1936
244		<i>Villa</i>	<i>niphobleta</i>	LOEW 1869
245	*	<i>Villa</i>	<i>orientalis</i>	PARAMONOW 1929
246	✓	<i>Villa</i>	<i>panisca</i>	ROSSI 1790
247	✓	<i>Villa</i>	<i>pygarga</i>	LOEW 1868
248		<i>Villa</i>	<i>senecio</i>	LOEW 1869
249	✓	<i>Villa</i>	<i>stenozona</i>	LOEW 1869
250		<i>Villa</i>	<i>tomentosa</i>	BECKER 1916
251		<i>Villoestrus</i>	<i>uvarovi</i>	PARAMONOW 1931
252	✓	<i>Xeramoeba</i>	<i>lepida</i>	HERMANN 1907
253		<i>Xeramoeba</i>	<i>pallipes</i>	LOEW 1869
254		<i>Xeramoeba</i>	<i>sabulonis</i>	BECKER 1906

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