

UPDATED CHECKLIST OF HARVESTMEN (ARACHNIDA: OPILIONES) IN TURKEY

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Abstract - In this work, faunistic studies on harvestmen from Turkey are reviewed. A total of 88 species and 7 subspecies from 35 genera belonging to 7 families were determined. The distribution in Turkey and the world of these taxa is given and their distribution in the geographical regions of Turkey are presented.

Key words: Opiliones; Harvestmen; checklist; Turkey

INTRODUCTION

To date, 6 534 species of harvestmen, the third largest order in Arachnida after mites and spiders, have been recorded worldwide of which 310 in Europe and 801 in the Palearctic region (Mitov, 2007; Kury, 2012, 2013).

The first data about on Turkish harvestmen were provided by non-Turkish scientists, such as Simon (1875, 1878, 1879, 1884), Pavesi (1876), Kulczyński (1903), Nosek (1905), Roewer (1912, 1923, 1950, 1951, 1956, 1957, 1959, 1962), Giltay (1932), Caporiacco (1934), Šilhavý (1956), Staręga (1966, 1967, 1973, 1981, 2003), Gruber (1966, 1968, 1969, 1976, 1978, 1979, 1998), Martens (1978, 2006), Cokendolpher (1990), Mitov (2000, 2002, 2003, 2009, 2012), Karaman (2002, 2009), Schönhofer and Martens (2009) and Snegovaya & Marusik 2012. More recently, numerous systematical, faunistic and ecological studies on Turkish harvestmen have been presented by Turkish scientists (Çorak, 2004, 2010; Bayram, 1994; Bayram, 2005; Bayram and Çorak, 2007; Çorak

and Bayram, 2007; Yigit et al., 2007; Çorak et al., 2008; Kurt, 2005, 2013; Kurt and Erman, 2011, 2012; Kurt et al., 2008a, 2008b, 2010, 2011, 2013; Bayram et al., 2007, 2010).

The first checklist of Turkish harvestmen fauna was prepared by Dr. Abdullah Bayram and co-workers. In this study, 50 species and 25 genera belonging to 6 families were recorded (Bayram et al., 2010). In 2010, Kurt et al. (2010) made additions to this checklist and reported 61 species, 3 subspecies and 33 genera belonging to 7 families from Turkey.

METHODS

Turkey is located at a point where Asia, Africa and Europe are closest to each other. Turkey is situated in Anatolia and the Balkans, bordering the Black Sea, between Bulgaria and Georgia, and bordering the Aegean Sea and the Mediterranean Sea, between Greece and Syria. Anatolia is a large, roughly rectangular peninsula situated bridge-like between Europe and Asia. It is also known as Asia Minor, Asiatic



Fig. 1. Geographical regions of Turkey.

Turkey or the Anatolian Plateau. The European portion of Turkey, known as Thrace, is separated from Anatolia (the Asian portion of Turkey) by the Bosphorus, the Sea of Marmara and the Dardanelles, which collectively form the strategic Turkish Straits that link the Aegean Sea with the Black Sea. Turkey is geographically divided into seven regions: Marmara, Aegean, Black Sea, Central Anatolia, Eastern Anatolia, Southeastern Anatolia and the Mediterranean (Fig. 1).

The following abbreviations are used in the text: EA – Eastern Anatolia; SA – Southeastern Anatolia; BS – Black Sea; CA – Central Anatolia; MD – Mediterranean; A – Aegean; M – Marmara.

RESULTS

This work is based on the studies on Opiliones in Turkey. A total of 88 species and 7 subspecies from 35 genera belonging to 7 families have been recorded from Turkey. The distribution of these taxa in Turkey and worldwide are given below.

CHECKLIST OF TURKISH HARVESTMEN

FAMILY: DICRANOLASMATIDAE SIMON, 1879

Dicranolasma Sørensen, 1873
Dicranolasma giljarovi Šilhavý, 1966

Distribution in Turkey: EA (Van), CA (Ankara), BS (Kastamonu, Gümüşhane) [Çorak 2004; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Marusik 2012; Kurt 2013].

World distribution: Abkhazia, Azerbaijan, Bulgaria, Crimea, Georgia, Greece (*Rhodes Island*), Russia, Turkey, *Ukrainian* (Šilhavý 1966; Staręga 1978; Chevrizov 1979; Snegovaya 2004; Chemeris & Kovblyuk 2005).

Dicranolasma hoberlandti Šilhavý, 1956

Distribution in Turkey: MD (Adana, Hatay), M (Bursa) [Martens 1965; Gruber 1969, 1978; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Marusik 2012].

World distribution: Greece (Rhodes Island), Israel, Turkey [Staręga 1973; Gruber 1969, 1978; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Marusik 2012].

***Dicranolasma opilionoides* (L. Koch, 1867)**

Distribution in Turkey: MD (Hatay) [Roewer 1959].

World distribution: Balkans, Greece (Corfu Island), Italy, Turkey [Roewer 1959].

***Dicranolasma ponticum* Gruber, 1998**

Distribution in Turkey: BS (Ordu, Samsun) [Gruber 1998].

World distribution: Azerbaijan, Turkey [Gruber 1998; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Staręga 2011].

***Dicranolasma resslii* Gruber, 1998**

Distribution in Turkey: CA (Konya) [Gruber 1998].

World distribution: Turkey [Gruber 1998; Bayram et al., 2010; Kurt et al., 2010].

***Dicranolasma scabrum* (Herbst, 1799)**

Distribution in Turkey: M (İstanbul), CA (Ankara, Kırıkkale), EA (Van) [Roewer 1959; Gruber 1969; Bayram et al., 2010; Kurt et al., 2010].

World distribution: Austria, Azerbaijan, Bulgaria, former Yugoslavia, Greece, Hungary, Slovakia, Romania [Martens 1978; Mitov 2000; Snegovaya 2004].

FAMILY: ISCHYROPSALIDIDAE SIMON, 1879

***Ischyropsalis* C.L. Koch, 1839**

***Ischyropsalis helwigii helwigii* (Panzer, 1794)**

Distribution in Turkey: CA (Niğde) [Kurt et al.,

2008a, 2010; Bayram et al., 2010].

World distribution: Europea [Martens 1978; Blick & Komposch 2004].

FAMILY: NEMASTOMATIDAE SIMON, 1872

Giljarovia Kratochvíl & Miller, 1958

***Giljarovia tenebricosa* (Redikorzev, 1936)**

Distribution in Turkey: BS (Artvin, Gümüşhane, Rize) [Martens 2006; Kurt 2013].

World distribution: Abkhazia, Azerbaijan, Georgia, Russia, Turkey [Redikorzev 1936; Roewer 1951; Mkhedze 1964; Snegovaya & Chemeris 2005; Martens 2006; Kurt et al., 2010].

***Giljarovia turcica* Gruber, 1976**

Distribution in Turkey: BS (Amasya, Ordu, Samsun) [Gruber 1976; Kurt et al., 2010].

World distribution: Turkey [Gruber 1976; Kurt et al., 2010].

Histicostoma Kratochvíl, 1958

***Histicostoma caucasicum* (Redikorzev, 1936)**

Distribution in Turkey: BS (Artvin, Gümüşhane, Ordu, Rize) [Martens 2006; Kurt et al., 2010; Kurt 2013].

World distribution: Armenia, Azerbaijan, Georgia, Russia, Turkey [Redikorzev 1936; Roewer 1951; Mkhedze 1964; Staręga 1966, 1978; Snegovaya & Chemeris 2005; Martens 2006].

***Histicostoma creticum* (Roewer 1927)**

Distribution in Turkey: MD (Antalya) [Snegovaya & Marusik 2012].

World distribution: Greece, Turkey [Roewer 1928, 1951, 1959, Martens 1965; Snegovaya & Marusik 2012]

***Histicostoma dentipalpe* (Ausserer, 1867)**

Distribution in Turkey: MD (Antalya) [Çorak 2010].

World distribution: Austria, Balkans, France, Germany, Italy, Turkey [Martens 1978, Çorak 2010].

***Histicostoma gruberi* Snegovaya & Marusik 2012**

Distribution in Turkey: A (Aydın) [Snegovaya & Marusik 2012].

World distribution: Turkey [Snegovaya & Marusik 2012].

***Histicostoma mitovi* Snegovaya & Marusik 2012**

Distribution in Turkey: M (Bursa) [Snegovaya & Marusik 2012].

World distribution: Turkey [Snegovaya & Marusik 2012].

Mediostoma Kratochvil & Miller, 1958

***Mediostoma ceratocephalum* Gruber, 1976**

Distribution in Turkey: MD (Mersin) [Gruber 1976; Kurt et al., 2010].

World distribution: Turkey [Gruber 1976; Kurt et al., 2010].

***Mediostoma stussineri* (Simon, 1885)**

Distribution in Turkey: M (Kırklareli, İstanbul, Tekirdağ) [Mitov 2002, 2012].

World distribution: Bulgaria, Greece, Turkey [Mitov 2002, 2012].

***Mitostoma* Roewer, 1951**

***Mitostoma gracile* (Redikorzev, 1936)**

Distribution in Turkey: BS (Gümüşhane, Kastamonu, Ordu ve Rize); M (Kırklareli) [Martens 2006; YMBP, 2010; Kurt 2013].

World distribution: Azerbaijan, Bulgaria, Greece, Georgia, Russia, Turkey [Redikorzev 1936; Starega 1976; Snegovaya 2004; Martens 2006; Kurt et al., 2010].

***Nemastoma* C. L. Koch, 1836**

***Nemastoma anatolicum* Roewer, 1962**

Distribution in Turkey: MD (Antalya) [Roewer 1962; Starega 1976].

World distribution: Turkey [Roewer 1962; Starega 1976; Kurt et al., 2010].

Nemastoma bidentatum sparsum

Gruber & Martens, 1968

Distribution in Turkey: M (Kocaeli) [Gruber & Martens, 1968; Martens 1978, 2006; Bayram et al., 2010].

World distribution: Europe [Martens 1978].

***Paranemastoma* Redikorzev, 1936**

Paranemastoma aurigerum aurigerum

(Roewer, 1951)

Distribution in Turkey: M (Kırklareli) [YMBP 2010].

World distribution: Bulgaria, Turkey [Roewer 1951; YMBP 2010].

***Paranemastoma ferkeri* Roewer, 1951**

Distribution in Turkey: A (Muğla) [Roewer 1951].

World distribution: Turkey [Roewer 1951].

***Paranemastoma kalischevskyi* (Roewer, 1951)**

Distribution in Turkey: BS (Bayburt, Gümüşhane) [Kurt et al., 2013].

World distribution: Abkhazia, Azerbaijan, Georgia, Russia, Turkey [Snegovaya & Chemeris 2005; Martens 2006; Kurt et al., 2013].

***Paranemastoma radewi* (Roewer, 1926)**

Distribution in Turkey: M (Kırklareli) [YMBP 2010].

World distribution: Bosnia and Herzegovina, Bulgaria, Turkey [Mitov 2004; Novak 2005; YMBP 2010].

***Paranemastoma silli* (Hermann, 1871)**

Distribution in Turkey: BS (Western Black Sea Region, Bayburt, Gümüşhane) [Yigit et al., 2009; Kurt 2013].

World distribution: Bosnia and Herzegovina, Croatia, Spain, Romania, Turkey, former Yugoslavia [Roewer 1951; Martens 1978; Yigit et al., 2009; Kurt 2013].

***Paranemastoma superbum* Redikorzev, 1936**

Distribution in Turkey: BS (Rize, Trabzon) [Martens 2006].

World distribution: Georgia, Turkey [Martens 2006; Kurt et al., 2010].

***Paranemastoma weneri* (Kulczyński, 1903)**

Distribution in Turkey: M (Bursa) [Kulczyński 1903; Roewer 1914, 1951].

World distribution: Albania, Czech Republic, Germany, Rumania, Spain, Switzerland, Turkey

[Kulczyński 1903; Roewer 1914, 1951; Kurt et al., 2010].

***Pyza Starega* 1976**

***Pyza anatolica* (Roewer, 1959)**

Distribution in Turkey: SA (Diyarbakır, Mardin, Siirt), EA (Bitlis, Van), MD (Antalya) [Roewer 1959, Bayram et al., 2010; Kurt et al., 2010; Çorak 2010].

World distribution: Turkey [Roewer 1959, Bayram et al., 2010; Kurt et al., 2010; Çorak 2010].

***Pyza taurica* Gruber, 1979**

Distribution in Turkey: MD (Antalya, Burdur, Isparta, Mersin), CA (Niğde) [Gruber 1979].

World distribution: Turkey [Gruber 1979, Bayram et al., 2010; Kurt et al., 2010].

***Vestiferum* Martens, 2006**

***Vestiferum alatum* Martens, 2006**

Distribution in Turkey: BS (Artvin) [Martens 2006].

World distribution: Georgia, Turkey [Martens 2006; Kurt et al., 2010].

FAMILY: PHALANGIIDAE LATREILLE, 1802

Buresilia Šilhavý, 1966

***Buresilia macrina* (Roewer, 1956)**

Distribution in Turkey: A (Muğla) [Roewer 1956; Starega 1981].

World distribution: Turkey [Roewer 1956; Starega 1981; Kurt et al., 2010].

***Buresilia nigerrimus* (Roewer, 1956)**

Distribution in Turkey: MD (Hatay) [Roewer 1956;

Staręga 1981].

World distribution: Turkey [Roewer 1956; Staręga 1981].

Dasylobus Simon, 1878

Dasylobus beschkovi (Staręga, 1976)

Distribution in Turkey: M (Kırklareli, İstanbul) [Mitov 2012].

World distribution: Bulgaria, Turkey [Mitov 2012].

Dasylobus eremita Simon, 1878

Distribution in Turkey: MD (Hatay) [Simon 1884].

World distribution: Turkey [Simon 1884].

Dasylobus kulczynskii Nosek, 1905

Distribution in Turkey: CA (Kayseri) [Nosek 1905].

World distribution: Turkey [Nosek 1905; Kurt et al., 2010].

Egaenus C.L.Koch 1839

Egaenus amanensis (Simon, 1884)

Distribution in Turkey: MD (Hatay) [Simon 1884].

World distribution: Turkey [Simon 1884; Roewer 1923].

Egaenus convexus (C.L.Koch, 1835)

Distribution in Turkey: BS (Amasya), M (İstanbul) [Roewer 1912; Martens 1978].

World distribution: Europe (Martens 1978).

Egaenus turcicus Snegovaya & Marusik, 2012

Distribution in Turkey: M (Bursa) [Snegovaya & Marusik 2012].

World distribution: Turkey [Snegovaya & Marusik 2012].

Graecophalangium Roewer, 1923

Graecophalangium marenzelleri (Nosek, 1905)

Distribution in Turkey: CA (Kayseri) [Nosek 1905].

World distribution: Turkey [Nosek 1905; Bayram et al., 2010; Kurt et al., 2010].

Graecophalangium turcicum Mitov, 2009

Distribution in Turkey: MD (Mersin) [Mitov, 2009].

World distribution: Turkey [Mitov 2009].

Homolophus Banks, 1893

Homolophus funestus L. Koch, 1877

Distribution in Turkey: CA (Niğde) [Kurt et al., 2008b].

World distribution: Siberia, Mongolia, Turkey [Kurt et al., 2008b, 2010; Bayram et al., 2010].

Homolophus turcicum (Roewer, 1959)

Distribution in Turkey: EA (Van) [Roewer 1959].

World distribution: Turkey [Roewer 1959].

Lacinius Thorell, 1876

Lacinius ephippiatus (C.L.Koch, 1835)

Distribution in Turkey: EA (Bingöl, Van) [Çorak et al., 2008].

World distribution: Mediterranean to South Scandinavia [Martens 1978].

***Lacinius erinaceus* Starega, 1966**

Distribution in Turkey: BS (Bayburt, Gümüşhane) [Kurt & Erman 2012].

World distribution: Abkhazia, Turkey [Starega 1966; Kurt & Erman 2012].

***Metaphalangium* Roewer, 1911**

***Metaphalangium cirtanum* (C.L. Koch, 1839)**

Distribution in Turkey: Anatolia (Unknown exact locality) [Roewer 1923; Cokendolpher 1990].

World distribution: The Mediterranean coast [Mitov 2000].

***Metaphalangium punctatus* (Roewer, 1956)**

Distribution in Turkey: MD (Toros Mountains) [Roewer 1956].

World distribution: Turkey [Roewer 1956].

***Metaphalangium strandi* (Nosek, 1905)**

Distribution in Turkey: CA (Niğde) [Nosek 1905; Roewer 1923].

World distribution: Turkey [Nosek 1905; Roewer 1923; Kurt et al., 2010].

***Metaplathybunus* Roewer, 1911**

***Metaplathybunus filipes* Roewer, 1956**

Distribution in Turkey: MD (Toros Mountains) [Roewer 1956].

World distribution: Turkey [Roewer 1956].

***Metaplathybunus grandissimus* (C.L. Koch, 1839)**

Distribution in Turkey: MD (Mersin) [Roewer 1956; Kurt et al., 2010]

World distribution: Albania, Georgia, Greece, Montenegro, Turkey [Mitov 2000].

***Metaplathybunus petrophilus* Martens, 1965**

Distribution in Turkey: CA (Nevşehir), EA (Van) [Bayram et al., 2010; Kurt et al., 2010].

World distribution: Greece, Turkey [Martens 1965; Bayram et al., 2010; Kurt et al., 2010].

***Mitopus* Thorell, 1876**

***Mitopus morio* (Fabricius, 1779)**

Distribution in Turkey: BS (Bayburt), CA (Niğde), SA (Mardin) [Roewer 1959; Kurt et al., 2008a, 2010; Bayram et al., 2010; Kurt 2013].

World distribution: China, Europe, Japan, North Africa, North America, Persia, Siberia [Spoek 1963; Martens 1978].

***Odiellus* Roewer, 1923**

***Odiellus lendli* (Sørensen, 1894)**

Distribution in Turkey: BS (Bayburt, Gümüşhane), MD (Antalya) [Çorak 2010; Kurt & Erman 2011].

World distribution: Bulgaria Macedonia, Romania, Russia, Turkey, Ukraine [Martens 1978; Chemeris & Kovblyuk 2005; Çorak 2010; Kurt & Erman 2011].

***Odiellus zecariensis* Mkhaidze, 1952**

Distribution in Turkey: BS (Artvin) [Snegovaya & Marusik 2012].

World distribution: Abkhazia, Crimea, Georgia, Russia, Turkey [Snegovaya & Marusik 2012].

***Oligolophus* C.L.Koch, 1871**

***Oligolophus hansenii* (Kraepelin, 1896)**

Distribution in Turkey: CA (Niğde) [Kurt et al., 2008b; 2010; Bayram et al., 2010].

World distribution: Central Europe [Martens 1978].

***Oligolophus tridens* (C.L.Koch, 1836)**

Distribution in Turkey: CA (Niğde), BS (Bayburt, Gümüşhane) [Kurt et al., 2008b, Kurt 2013].

World distribution: Europe, Eastern North America [Martens 1978].

Opilio Herbst, 1798

***Opilio coxipunctus* (Sørensen, 1912)**

Distribution in Turkey: BS (Bayburt), MD (Adana, Kahramanmaraş, Osmaniye) [Kurt et al., 2011; Kurt 2013].

World distribution: Cyprus, Jordan, Iraq, Israel, Libya, Lebanon, Syria, Turkey [Staręga 1973, 2003; Snegovaya 2008; Kurt et al., 2011; Kurt 2013].

***Opilio dinaricus* Šilhavý 1938**

Distribution in Turkey: M (Kırklareli) [YMBP 2010].

World distribution: Central Europe [Martens 1978].

***Opilio insulae* Roewer, 1956**

Distribution in Turkey: A (İzmir, Aydın) [Gruber 1978; Snegovaya & Marusik 2012].

World distribution: Greece, Turkey [Roewer 1956; Martens 1965; Gruber 1978; Bayram et al., 2010; Kurt et al., 2010].

***Opilio hemseni* Roewer, 1952**

Distribution in Turkey: BS (Artvin) [Staręga 2003].

World distribution: Georgia, Iran, Russia, Turkey, Ukraine [Staręga 2003].

***Opilio lederi* Roewer, 1911**

Distribution in Turkey: CA (Niğde), MD (Antalya) [Kurt et al., 2008b, Çorak 2010].

World distribution: Armenia, Azerbaijan, Georgia, Northern Osetia, Iran, Turkey [Staręga 2003].

***Opilio parietinus* (De Geer, 1778)**

Distribution in Turkey: MD (Adana, Antalya, Osmaniye), CA (Ankara, Kayseri, Kırıkkale, Kırşehir, Konya, Niğde), BS (Bayburt, Bolu, Gümüşhane, Kastamonu) [Bayram et al., 2010; Çorak 2010; Kurt et al., 2010, 2011; Snegovaya & Marusik 2012; Kurt 2013].

World distribution: Europe, W Siberia, Near East, Central Asia, Anatolia, Caucasus, N (?) Africa; USA, Canada, Tasmania [Martens 1978; Mitov 2000].

***Opilio saxatilis* C.L. Koch, 1839**

Distribution in Turkey: CA (Niğde), M (Bursa), MD (Antalya, Toros Mountains), EA (Van) [Martens 1978; Kurt et al., 2008a; Çorak 2010].

World distribution: Europe, parts of the East Mediterranean coast [Martens 1978, Mitov 2000].

***Opilio validus* Roewer 1959**

Distribution in Turkey: EA (Bitlis) [Roewer 1959].

World distribution: Turkey [Roewer 1959; Staręga 2003; Bayram et al., 2010; Kurt et al., 2010].

Phalangium Linnaeus, 1758

***Phalangium opilio* Linnaeus, 1761**

Distribution in Turkey: BS (Bayburt, Gümüşhane), CA (Ankara, Kırıkkale, Niğde), M (Kırklareli), MD (Toros Mountains), Hatay [Roewer 1959; Kurt et al.,

2008a; YMBP 2010; Kurt 2013].

World distribution: Holarctic (Martens 1978).

***Phalangium punctipes* (C.L. Koch, 1878)**

Distribution in Turkey: MD (Adana, Antalya), CA (Niğde), BS (Amasya, Bayburt, Gümüşhane, Samsun) [Roewer 1912; Kurt et al., 2008b, 2011; Çorak 2010; Kurt 2013].

World distribution: Armenia, Azerbaijan, Georgia, Israel, Cyprus, Russia, Syria, Turkey, Ukraine [Roewer 1911, 1912; Staręga 1966, 1973; Chevrizov 1979; Chemeris & Kovblyuk 2005; Kurt et al., 2008b, 2010, 2011; Bayram et al., 2010; Çorak 2010].

***Phalangium savignyi* Audouin, 1826**

Distribution in Turkey: BS (Bayburt, Gümüşhane), MD (Adana) [Cokendolpher 1990; Kurt et al., 2011; Kurt 2013].

World distribution: Azerbaijan, Egypt, Israel, Jordan Lebanon, Turkey [Staręga 1973; Snegovaya 20008; Kurt et al., 2010, 2011; Kurt 2013].

Platybunoides Šilhavý, 1956

***Platybunoides argaea* Šilhavý, 1956**

Distribution in Turkey: CA (Kayseri) [Šilhavý, 1956].

World distribution: Turkey [Šilhavý, 1956; Kurt et al., 2010].

***Platybunus* C.L.Koch, 1839**

***Platybunus hypanicus* Šilhavý, 1966**

Distribution in Turkey: MD (Antalya) [Çorak 2010].

World distribution: Abkhazia, Turkey [Staręga 1966, Çorak 2010].

Rafalskia Staręga 1963

***Rafalskia cretica* (Roewer, 1923)**

Distribution in Turkey: MD (Kahramanmaraş, Osmaniye), SA (Gaziantep) [Kurt et al., 2011].

World distribution: Greece, Turkey [Mitov 2003; Kurt et al., 2010, 2011].

***Rafalskia olympica olympica* (Kulczyński, 1903)**

Distribution in Turkey: M (Bursa) [Kulczyński, 1903].

World distribution: Bulgaria, Greece, Turkey [Staręga 1981].

***Rafalskia olympica bulgarica* Staręga, 1963**

Distribution in Turkey: M (Kırklareli, İstanbul) [Mitov 2012].

World distribution: Bulgaria, Serbia, Turkey [Mitov 2012].

Rilaena Šilhavý, 1956

***Rilaena anatolica* (Roewer 1956)**

Distribution in Turkey: CA (Ankara), BS (Kastamonu) [Roewer 1956, Snegovaya & Marusik 2012].

World distribution: Turkey [Roewer 1956, Snegovaya & Marusik 2012].

***Rilaena buresi* (Šilhavý, 1965)**

Distribution in Turkey: M (Kırklareli) [Mitov 2012].

World distribution: Bulgaria, Turkey [Mitov 2012].

***Rilaena gruberi* Staręga, 1973**

Distribution in Turkey: EA (Tunceli) [Staręga 1973].

World distribution: Iraq, Turkey [Starega 1973; Kurt et al., 2010].

Zachaeus C.L. Koch, 1839

Zachaeus anatolicus (Kulczyński, 1903)

Distribution in Turkey: A (Manisa), BS (Artvin, Bayburt, Gümüşhane), CA (Ankara, Kayseri), MD (Adana) [Kulczyński 1903; Starega 1978; Kurt et al., 2011; Snegovaya & Marusik 2012; Kurt 2013].

World distribution: Bulgaria, Caucasus, Crimea, Greece, Turkey, former Yugoslavia [Snegovaya & Marusik 2012].

Zachaeus crista (Brullé, 1832)

Distribution in Turkey: A (İzmir, Denizli), BS (Bolu, Bayburt, Gümüşhane), CA (Ankara, Kırıkkale, Niğde), M (Bilecik), MD (Antalya, Osmaniye) [Roewer 1912; Martens 1978; Kurt et al., 2008a, 2011; Çorak 2010; Kurt 2013].

World distribution: South and Eastern Europe, Caucasus [Martens 1978; Snegovaya 1999].

Zachaeus hebraicus (Simon, 1884)

Distribution in Turkey: MD (Adana), A (Manisa) [Roewer, 1923, 1956; Caporiacco, 1934; Starega, 1967, 1973].

World distribution: Jordan, Israel, Lebanon, Libya, Syria, Turkey [Roewer, 1923, 1956; Caporiacco, 1934; Starega, 1967, 1973; Kurt et al., 2010]

Zachaeus orchimonti (Giltay, 1933)

Distribution in Turkey: Anatolia (Unknown exact locality) [Giltay 1932].

World distribution: Turkey [Giltay 1932; Kurt et al., 2010].

Zachaeus redikorzevi (Starega & Chevrizov, 1978)

Distribution in Turkey: BS (Bayburt, Gümüşhane), MD (Osmaniye) [Kurt et al., 2011; Kurt 2013].

World distribution: Russia, Turkey [Starega 1978; Starega & Chevrizov 1978; Chevrizov 1979; Kurt et al., 2011].

FAMILY: SCLEROSOMATIDAE SIMON, 1879

Leiobunum C.L.Koch, 1839

Leiobunum anatolicum Roewer, 1957

Distribution in Turkey: A (Muğla) [Roewer 1957].

World distribution: Turkey [Roewer 1957].

Leiobunum lindbergi Roewer, 1959

Distribution in Turkey: SA (Siirt) [Roewer 1959].

World distribution: Turkey [Roewer 1959].

Leiobunum ghigii Di Caporiacco, 1929

Distribution in Turkey: A (SW Anatolia) [Gruber 1978].

World distribution: Greece, Italy, Turkey [Gruber 1978; Bayram et al., 2010; Kurt et al., 2010].

Leiobunum rotundum (Latreille, 1798)

Distribution in Turkey: CA (Niğde), MD (Antalya, Kahramanmaraş, Toros Mountains) [Roewer 1957, 1959; Kurt et al., 2008a ; Çorak 2010].

World distribution: Alps, Austria, Europe, Iberian Peninsula, Mediterranean, Middle East, North Africa, Canary Islands [Roewer 1959; Spoek 1963; Martens 1978].

Leiobunum rupestre (Herbst, 1799)

Distribution in Turkey: CA (Niğde) [Kurt et al., 2008a].

World distribution: Europe [Martens 1978].

***Leiobunum seriatum* Simon 1878, 1911**

Distribution in Turkey: MD (Adana, Antalya, Toros Mountains) [Šilhavý 1955; Starega 1978; Mitov 1995].

World distribution: Bulgaria, Cyprus, Israel, Lebanon, Syria, Turkey [Starega 1978; Mitov 1995].

***Nelima* Roewer, 1910**

***Nelima pontica* Charitonov, 1941**

Distribution in Turkey: BS (Kastamonu), M (Kırklareli) [YMBP 2010; Snegovaya & Marusik 2012].

World distribution: Abkhazia, Bulgaria, Georgia, Russia, Turkey [Snegovaya & Marusik 2012].

FAMILY: SIRONIDAE SIMON, 1879

***Siro* Latreille, 1796**

***Siro duricorius bithynicus* Gruber, 1969**

Distribution in Turkey: M (Bursa) [Gruber 1969; Giribet 2000; Snegovaya & Marusik 2012].

World distribution: Turkey [Gruber 1969; Giribet 2000; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Marusik 2012].

***Siro duricorius yalovenssis* Gruber, 1969**

Distribution in Turkey: M (Yalova) [Gruber 1969; Giribet 2000].

World distribution: Turkey [Gruber 1969; Giribet 2000; Bayram et al., 2010; Kurt et al., 2010].

FAMILY: TROGULIDAE SUNDEVALL, 1833

***Calathocratus* Simon, 1879**

***Calathocratus beieri* Gruber, 1968**

Distribution in Turkey: MD (Mersin) [Gruber 1968].

World distribution: Turkey [Gruber 1968; Bayram et al., 2010; Kurt et al., 2010].

***Calathocratus caucasicus* (Šilhavý, 1966)**

Distribution in Turkey: Anatolia (Unknown exact locality) [Bayram et al., 2010; Kurt et al., 2010].

World distribution: Caucasia, Turkey [Starega 1978; Snegovaya 2004; Snegovaya & Chemeris 2005; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Chumachenko 2011].

***Platybessobius* Roewer, 1940**

***Platybessobius singularis* Roewer, 1940**

Distribution in Turkey: BS (Bolu, Artvin), M (Bursa, İstanbul) [Gruber 1969; Snegovaya & Marusik 2012].

World distribution: Crete, Greece, Turkey [Martens 1966; Gruber 1969; Bayram et al., 2010; Kurt et al., 2010; Snegovaya & Marusik 2012].

***Trogulocratus* Roewer, 1940**

***Trogulocratus rhodiensis* Gruber, 1963**

Distribution in Turkey: A (Muğla) [Gruber 1978].

World distribution: Greece, Turkey [Martens 1965; Gruber 1978; Bayram et al., 2010; Kurt et al., 2010].

***Trogulus* Latreille, 1802**

***Trogulus graecus* Dahl, 1903**

Distribution in Turkey: European part of Turkey [Mitov 2000].

World distribution: Albania, Bulgaria, Corfu, Greece, Turkey (Staręga 1976; Mitov 2000; Schönhofer & Martens 2009).

***Trogulus gypseus* Simon, 1879**

Distribution in Turkey: A (Muęla), M (İstanbul), MD (Adana, Antalya, Hatay) [Roewer 1950, 1959; Martens 1965; Schönhofer & Martens 2009].

World distribution: Crete, Egypt, Greece, Israel, Italy, Palestina, Syria, Turkey [Roewer 1950, 1959; Martens 1965; Schönhofer & Martens 2009; Bayram et al., 2010; Kurt et al., 2010].

***Trogulus tricarinatus* (Linnaeus, 1758)**

Distribution in Turkey: M (İstanbul); BS (Bayburt, Gümüşhane) [Gruber 1969; Martens 1978; Kurt 2013].

World distribution: Widely distributed all Europe, USA [Martens 1978; Mitov 2000; Schönhofer & Martens 2009].

***Trogulus uncinatus* Gruber, 1969**

Distribution in Turkey: M (Bursa, İstanbul, Yalova), BS (Bolu) [Gruber 1969; Schönhofer & Martens 2009].

World distribution: Turkey [Gruber 1969; Schönhofer & Martens 2009; Bayram et al., 2010; Kurt et al., 2010].

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