

# A small collection of spiders (Arachnida: Araneae) from the River Vjosa, Albania – with an updated spider checklist of Albania

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Five spider species were collected at the end of April 2017 in Albania on the River Vjosa near the village of Kutë (40.4754°N, 19.7538°E, 47m a.s.l.). The species are briefly discussed and two of them, *Marpissa pomatia* and *Marpissa nivoyi* (Salticidae), are new records for Albania. The importance of the conservation of the natural status of the River Vjosa is discussed. Finally, an updated checklist of the spiders of Albania is presented, which contains 490 spider species.

**BLICK T., 2018: Eine kleine Spinnensammlung (Arachnida: Araneae) vom Fluss Vjosa, Albanien – mit einer aktualisierten Spinnen-Checkliste Albaniens.**

Am Fluss Vjosa in der Nähe des Dorfes Kutë (40.4754°N, 19.7538°E, 47m a.s.l.) in Albanien wurden Ende April 2017 fünf Spinnenarten gesammelt. Die Arten werden kurz besprochen; darunter sind zwei, *Marpissa pomatia* und *Marpissa nivoyi* (Salticidae), Neunachweise für Albanien. Die Bedeutung des Erhaltes des ursprünglichen Zustandes des Flusses Vjosa wird diskutiert. Zum Abschluss ist eine aktualisierte Checkliste der Spinnen Albaniens zusammengestellt, die 490 Spinnenarten umfasst.

**Keywords:** Albania, Araneae, checklist, conservation, faunistics, River Vjosa, Salticidae, spiders.

## Introduction

The spider fauna of Albania is still insufficiently known. Since the compilation by DELTSHEV et al. (2011, 335 species) the number of species known for Albania has increased by more than 35% (VRENOZI 2012, VRENOZI & DELTSHEV 2012a, 2012b, VRENOZI & JÄGER 2012, 2013, VRENOZI & DUNLOP 2013, HELSDINGEN & IJLAND 2015, NAUMOVA et al. 2016, HELSDINGEN et al. 2018). NAUMOVA et al (2016) offered a total of 461 species, HELSDINGEN (2017) listed 468 and NENTWIG et al. (2018, <https://araneae.nmbe.ch/biodiversity/countrylist>) listed 470 species, which are the basis for the checklist below.

Details about the River Vjosa are given by SCHIEMER et al. (2018 this volume). The contribution by KOMNENOV (2018 this volume) deals particularly with a larger collection of spiders, and added 17 new spider records for Albania including one new species.

## Material and methods

The sampling site is situated near the village of Kutë on a branch of the River Vjosa which is temporarily unconnected to the main river; co-ordinates 40.475390°N, 19.753832°E, 47 m a.s.l. Spiders were collected by Simon VITECEK, Wolfram GRAF and Ulrich HECKES between April 24 and 26, 2017 during the Austrian excursion to the River Vjosa. The spiders will be deposited in the Natural History Museum Vienna.

## Results

### *Lariniodes suspicax* (O. Pickard-Cambridge, 1876) (Araneidae)

**Material:** 1 ♀, 24.-26.4.2017, leg. GRAF.

**Determination:** ŠESTÁKOVÁ et al. (2014: sub *L. folium*).

Unlike its sister species *L. cornutus* (Clerck, 1757), which prefers wetlands, *L. suspicax* can be found at drier sites according to the literature (NENTWIG et al. 2018). This assumption can be doubted not only based on the present record, but also e.g. ŠESTÁKOVÁ et al. (2014: sub *L. folium*) who listed numerous findings from wetlands. Older determinations of both species would be worth checking (ŠESTÁKOVÁ et al. 2014: 68: “There are, however, some misidentifications ..., which could lead to misinformation about its distribution and biology”).

**Distribution:** The species is known from northern Africa and Europe (not in UK and northern Europe) to Central Asia (NENTWIG et al. 2018, ŠESTÁKOVÁ et al. 2014: sub *L. folium*, WSC 2018).

### *Marpissa nivoyi* (Lucas, 1846) (Salticidae)

**Material:** 1 ♀, 24.-25.IV.2017, leg. VITECEK.

**Determination:** LOGUNOV (1999), METZNER (1999).

The species prefers wetlands, in eastern parts of its distribution area it has also been found in steppes (NENTWIG et al. 2018).

**Distribution:** Europe (not in northern Europe) to Central Asia (LOGUNOV 1999, MIKHAILOV 2013). **New to Albania.** This record from Albania diminishes the gaps in the SE-European countries for this species (NENTWIG et al. 2018).

### *Marpissa pomatia* (Walckenaer, 1802) (Salticidae)

**Material:** 1 ♂, 24.-25.IV.2017, leg. VITECEK.

**Determination:** LOGUNOV (1999), ŽABKA (1997).

The species inhabits a broad spectrum of habitats (e.g., NENTWIG et al. 2018: “on conifers and under bark, in grass, in bogs and heathland”).

**Distribution:** From Europe (not in UK and northern Europe) to Japan (MIKHAILOV 2013, NENTWIG et al. 2018, WSC 2018). **New to Albania.** Discovery of this species in Albania also reduces the gaps in the SE-European countries (NENTWIG et al. 2018).

### *Mendoza canestrinii* (Ninni, 1868) (Salticidae)

**Material:** 1 ♀, 24.-25.IV.2017, leg. VITECEK; 1 ♀, 2 subadult ♂♂, 25.IV.2017, leg. LAUENBACH.

**Determination:** LOGUNOV (1999), METZNER (1999).

This jumping spider prefers reed habitats near water (NENTWIG et al. 2018).

**Distribution:** Palaearctic, from Europe (Spain) to Asia (Japan and Vietnam), not extending too far north (northern border in Europe: France, Czech Rep., Slovakia, Ukraine; MIKHAILOV 2013, NENTWIG et al. 2018, WSC 2018).

***Tetragnatha nigrita* Lendl, 1886 (Tetragnathidae)**

**Material:** 1 ♀, 25.IV.2017, leg. HECKES.

**Determination:** WIEHLE (1963), ALMQUIST (2005).

This long-jawed spider lives on trees and shrubs in damp forests, frequently near the water (NENTWIG et al. 2018).

**Distribution:** Palaearctic, from Portugal and Ireland to Japan (MIKHAILOV 2013, NENTWIG et al. 2018, WSC 2018).

## Discussion

This contribution contains only a small, sporadic collection of spiders and yet two new records for Albania are included – from which the jumping spider genus *Marpissa* is recorded for the first time in Albania. Three species (*Marpissa nivoyi*, *Mendoza canestrinii*, *Tetragnatha nigrita*) are typical for wetlands, and for the other two (*Lariniodes suspicax*, *Marpissa pomatia*), wetlands belong to the known spectrum of their habitats. KOMNENOV (2018 this volume) reported 50 species from the River Vjosa including 17 new species records for Albania with one new species.

These 19 new species records increase the total of spider species known for Albania to 489 (see introduction above and checklist below). It can be assumed that 489 is still less than 50% of the spider species which really occur in Albania.

For comparison, the species numbers of adjacent countries, including some exemplary former totals are listed below:

- Bulgaria: 991 species (BLAGOEV et al. 2008), 1043 species (BLAGOEV et al. 2018).
- Greece: 856 (BOSMANS & CHATZAKI 2005), 1121 (CHATZAKI et al. 2015), 1265 (1161 without Crete) (NENTWIG et al. 2018: <https://araneae.nmbe.ch/biodiversity/countrylist>).
- Macedonia: 558 (BLAGOEV 2002), KOMNENOV (2014) alone added 145 species, 789 (NENTWIG et al. 2018: <https://araneae.nmbe.ch/biodiversity/countrylist>).

## Conservation of natural river borders

Natural rivers banks and their surroundings are very important sites for the conservation of biodiversity in general and of spiders in particular (e.g., BONN & KLEINWÄCHTER 1999, BONN et al. 2002, BUCHHOLZ 2009, GALLÉ & URÁK 2001, HEIDT et al. 1998, KRUMPÁLOVÁ 1996, 1997, 1998, LAMBEETS et al. 2008a, 2008b, MALT 1995, SCHRÖDER et al. 2011, STEINBERGER 1996, STEINBERGER & THALER 1990, WEISS et al. 1998). The River Vjosa is in a natural stage and there can be expected to be more than 200 spider species living there, i.e. less than 25% is known until now. Any commercial change to the water regime will destroy this diversity and endanger the survival of a large number of habitat specialists, which still partly await their discovery.

## Updated checklist of the spiders of Albania

The two major internet sources for spiders in European countries (HELSDINGEN 2017, NENTWIG et al. 2018: <https://araneae.nmbe.ch/biodiversity/countrylist>) do not provide the same species for Albania and in both websites there are no detailed references for each Albanian species (there is a collection of references for each species, in which one has to search which is probably relevant for a given country). Furthermore, information on uncertain determinations (e.g., “?”, “cf.”, “pr.”) can be easily overlooked or is not included. Therefore, I present here an updated checklist for Albania, based on the last checklist (DELTSHEV et al. 2011), adding records published since this compilation (with reference) and in several cases comments are added (Tab. 1). Eleven published species records are evaluated as doubtful and are excluded from the Albanian checklist (Tab. 2).

The total number of spider species known from Albania is now 489. This is certainly only an intermediate step, as noted above, but the records of more than 150 spider species new to Albania since 2011 justify this compilation.

Tab. 1: Updated checklist of the spiders of Albania. – Tab. 1: Aktualisierte Checkliste der Spinnen Albanien.

Family/Species	Source and notes
<b>Agelenidae</b>	
<i>Agelena labyrinthica</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Agelescape livida</i> (Simon, 1875)	DELTSHEV et al. (2011)
<i>Allagelena gracilens</i> (C.L. Koch, 1841)	DELTSHEV et al. (2011)
<i>Histopona laeta</i> (Kulczyński, 1897)	DELTSHEV et al. (2011)
<i>Histopona luxurians</i> (Kulczyński, 1897)	DELTSHEV et al. (2011)
<i>Histopona myops</i> (Simon, 1885)	DELTSHEV et al. (2011)
<i>Histopona torpida</i> (C.L. Koch, 1837)	VRENOZI (2012)
<i>Histopona vignai</i> Brignoli, 1980	MUCA & VRENOZI (2016): sub <i>H. pr. vignai</i>
<i>Inermocoelotes falciger</i> (Kulczyński, 1897)	VRENOZI & JÄGER (2012)
<i>Inermocoelotes karlinski</i> (Kulczyński, 1906)	DELTSHEV et al. (2011)
<i>Inermocoelotes microlepidus</i> (de Blauwe, 1973)	DELTSHEV et al. (2011)
<i>Inermocoelotes xinpingswangi</i> (Deltshev, 2009)	DELTSHEV et al. (2011)
<i>Maimuna vestita</i> (C.L. Koch, 1841)	DELTSHEV et al. (2011)
<i>Tegenaria animata</i> Kratochvíl & Miller, 1940	DELTSHEV et al. (2011): sub <i>Pseudotegenaria</i>
<i>Tegenaria bosnica</i> Kratochvíl & Miller, 1940	DELTSHEV et al. (2011): sub <i>Pseudotegenaria</i>
<i>Tegenaria campestris</i> (C.L. Koch, 1834)	VRENOZI (2012)
<i>Tegenaria dalmatica</i> Kulczyński, 1906	VRENOZI & JÄGER (2012)
<i>Tegenaria domestica</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Tegenaria hasperi</i> Chyzer, 1897	DELTSHEV et al. (2011): sub <i>Malthonica nemorosa</i>
<i>Tegenaria parietina</i> (Fourcroy, 1785)	HELSDINGEN & IJLAND (2015)
<i>Textrix denticulata</i> (Olivier, 1789)	DELTSHEV et al. (2011)
<b>Amaurobiidae</b>	
<i>Amaurobius erberi</i> (Keyserling, 1863)	DELTSHEV et al. (2011)
<i>Amaurobius kratochvili</i> Miller, 1938	HELSDINGEN & IJLAND (2015): sub <i>A. cf. kratochvili</i>
<i>Amaurobius phaeacus</i> Thaler & Knoflach, 1998	DELTSHEV et al. (2011)
<i>Callobius claustrarius</i> (Hahn, 1833)	VRENOZI & JÄGER (2013)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<b>Anyphaenidae</b>	
<i>Anyphaena sabina</i> L. Koch, 1866	DELTSHEV et al. (2011)
<b>Araneidae</b>	
<i>Aculepeira armida</i> (Audouin, 1826)	VRENOZI (2012)
<i>Aculepeira ceropegia</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Agalenatea redii</i> (Scopoli, 1763)	DELTSHEV et al. (2011)
<i>Araneus alsine</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Araneus angulatus</i> Clerck, 1757	DELTSHEV et al. (2011)
<i>Araneus circe</i> (Audouin, 1826)	DELTSHEV et al. (2011)
<i>Araneus diadematus</i> Clerck, 1757	DELTSHEV et al. (2011)
<i>Araneus grossus</i> (C.L. Koch, 1844)	DELTSHEV et al. (2011)
<i>Araneus quadratus</i> Clerck, 1757	DELTSHEV et al. (2011)
<i>Araneus sturmi</i> (Hahn, 1831)	DELTSHEV et al. (2011)
<i>Araneus triguttatus</i> (Fabricius, 1775)	DELTSHEV et al. (2011)
<i>Araniella alpica</i> (L. Koch, 1869)	DELTSHEV et al. (2011)
<i>Araniella cucurbitina</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Araniella inconspicua</i> (Simon, 1874)	HELSDINGEN & IJLAND (2015)
<i>Araniella opisthographa</i> (Kulczyński, 1905)	DELTSHEV et al. (2011)
<i>Araniella proxima</i> (Kulczyński, 1885)	SACHER (1990)
<i>Argiope bruennichi</i> (Scopoli, 1772)	DELTSHEV et al. (2011)
<i>Argiope lobata</i> (Pallas, 1772)	DELTSHEV et al. (2011)
<i>Cyclosa conica</i> (Pallas, 1772)	DELTSHEV et al. (2011)
<i>Cyclosa insulana</i> (Costa, 1834)	DELTSHEV et al. (2011)
<i>Cyclosa oculata</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Cyclosa sierrae</i> Simon, 1870	DELTSHEV et al. (2011)
<i>Cyrtophora citricola</i> (Forsskål, 1775)	DELTSHEV et al. (2011)
<i>Gibbaranea bituberculata</i> (Walckenaer, 1802)	HELSDINGEN & IJLAND (2015)
<i>Gibbaranea gibbosa</i> (Walckenaer, 1802)	HELSDINGEN & IJLAND (2015)
<i>Glyptogona sextuberculata</i> (Keyserling, 1863)	VRENOZI & JÄGER (2012)
<i>Hypsosinga albovittata</i> (Westring, 1851)	HELSDINGEN & IJLAND (2015)
<i>Hypsosinga heri</i> (Hahn, 1831)	DELTSHEV et al. (2011)
<i>Hypsosinga sanguinea</i> (C.L. Koch, 1844)	HELSDINGEN & IJLAND (2015)
<i>Larinioides cornutus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Larinioides ixobolus</i> (Thorell, 1873)	DELTSHEV et al. (2011)
<i>Larinioides sclopetarius</i> (Clerck, 1757)	listed only by DHORA (2010: sub <i>L. sericatus</i> ) and by HELSDINGEN (2017), not confirmed by other authors
<i>Larinioides suspicax</i> (O. Pickard-Cambridge, 1876)	DELTSHEV et al. (2011)
<i>Mangora acalypha</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Neoscona adianta</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Neoscona subfusca</i> (C.L. Koch, 1837)	DELTSHEV et al. (2011)
<i>Nuctenea umbratica</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Singa lucina</i> (Audouin, 1826)	DELTSHEV et al. (2011)
<i>Singa nitidula</i> C.L. Koch, 1844	HELSDINGEN & IJLAND (2015)
<i>Zilla diodia</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Zygiella x-notata</i> (Clerck, 1757)	VRENOZI (2012)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<b>Atypidae</b>	
<i>Atypus affinis</i> Eichwald, 1830	VRENOZI & JÄGER (2012)
<b>Clubionidae</b>	
<i>Clubiona brevipes</i> Blackwall, 1841	DELTSHEV et al. (2011)
<i>Clubiona caerulescens</i> L. Koch, 1867	DELTSHEV et al. (2011)
<i>Clubiona comta</i> C.L. Koch, 1839	DELTSHEV et al. (2011)
<i>Clubiona corticalis</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Clubiona diversa</i> O. Pickard-Cambridge, 1862	DELTSHEV et al. (2011)
<i>Clubiona genevensis</i> L. Koch, 1866	DELTSHEV et al. (2011)
<i>Clubiona leucaspis</i> Simon, 1932	HELSDINGEN & IJLAND (2015)
<i>Clubiona marmorata</i> L. Koch, 1866	NENTWIG et al. (2018); VRENOZI pers. comm.
<i>Clubiona reclusa</i> O. Pickard-Cambridge, 1863	DELTSHEV et al. (2011)
<i>Clubiona terrestris</i> Westring, 1851	DELTSHEV et al. (2011)
<b>Dictynidae</b>	
<i>Argenna patula</i> (Simon, 1874)	DELTSHEV et al. (2011)
<i>Brigittea civica</i> (Lucas, 1850)	HELSDINGEN & IJLAND (2015)
<i>Brigittea latens</i> (Fabricius, 1775)	DELTSHEV et al. (2011); sub <i>Dictyna l.</i>
<i>Dictyna arundinacea</i> (Linnaeus, 1758)	DELTSHEV et al. (2011)
<i>Lathys humilis</i> (Blackwall, 1855)	HELSDINGEN & IJLAND (2015)
<i>Marilynia bicolor</i> (Simon, 1870)	DELTSHEV et al. (2011)
<i>Nigma flavescens</i> (Walckenaer, 1830)	HELSDINGEN & IJLAND (2015)
<i>Nigma puella</i> (Simon, 1870)	DELTSHEV et al. (2011)
<b>Dysderidae</b>	
<i>Dasumia chyzeri</i> (Kulczyński, 1906)	HELSDINGEN & IJLAND (2015)
<i>Dysdera andreini</i> Caporiacco, 1928	NAUMOVA et al. (2016)
<i>Dysdera bellimundi</i> Deeleman-Reinhold, 1988	DELTSHEV et al. (2011)
<i>Dysdera cephalonica</i> Deeleman-Reinhold, 1988	DELTSHEV et al. (2011)
<i>Dysdera corfuensis</i> Deeleman-Reinhold, 1988	DELTSHEV et al. (2011)
<i>Dysdera crocata</i> C.L. Koch, 1838	DELTSHEV et al. (2011)
<i>Dysdera dubrovninnii</i> Deeleman-Reinhold, 1988	DELTSHEV et al. (2011)
<i>Dysdera granulata</i> Kulczyński, 1897	DELTSHEV et al. (2011)
<i>Dysdera longirostris</i> Doblaka, 1853	NAUMOVA et al. (2016)
<i>Dysdera murphyorum</i> Deeleman-Reinhold, 1988	DELTSHEV et al. (2011); sub <i>D. murphyorum</i>
<i>Dysdera pandazisi</i> Hadjissarantos, 1940	VRENOZI & DELTSHEV (2012b)
<i>Dysdera pectinata</i> Deeleman-Reinhold, 1988	DELTSHEV et al. (2011)
<i>Dysdera punctata</i> C.L. Koch, 1838	DELTSHEV et al. (2011)
<i>Dysderocrates egregius</i> (Kulczyński, 1897)	HELSDINGEN (2017); only listed there, but no published source was identified
<i>Dysderocrates storkani</i> (Kratochvíl, 1935)	DELTSHEV et al. (2011)
<i>Harpactea albanica</i> (Caporiacco, 1949)	DELTSHEV et al. (2011)
<i>Harpactea kulczynskii</i> Brignoli, 1976	DELTSHEV et al. (2011)
<i>Harpactea lepida</i> (C.L. Koch, 1838)	DELTSHEV et al. (2011)
<i>Harpactea nausicaae</i> Brignoli, 1976	DELTSHEV et al. (2011)
<i>Harpactea saeva</i> (Herman, 1879)	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<b>Eresidae</b>	
<i>Eresus kollari</i> Rossi, 1846	DELTSHEV et al. (2011)
<i>Eresus moravicus</i> Řezáč, 2008	NAUMOVA et al. (2016)
<b>Eutichuridae</b>	
<i>Cheiracanthium elegans</i> Thorell, 1875	DELTSHEV et al. (2011)
<i>Cheiracanthium ienisteai</i> Stergihu, 1985	HELSDINGEN & IJLAND (2015): sub <i>C. cf. ienistai</i>
<i>Cheiracanthium mildei</i> L. Koch, 1864	DELTSHEV et al. (2011)
<i>Cheiracanthium punctorium</i> (Villers, 1789)	DELTSHEV et al. (2011)
<i>Cheiracanthium virescens</i> (Sundevall, 1833)	DELTSHEV et al. (2011)
<b>Gnaphosidae</b>	
<i>Anagraphis ochracea</i> (L. Koch, 1867)	DELTSHEV et al. (2011): sub <i>A. pallida</i>
<i>Aphantaulax cincta</i> (L. Koch, 1866)	VRENOZI & JÄGER (2012)
<i>Aphantaulax trifasciata</i> (O. Pickard-Cambridge, 1872)	VRENOZI & JÄGER (2012)
<i>Berlandina cinerea</i> (Menge, 1872)	DELTSHEV et al. (2011)
<i>Berlandina corcyraea</i> (O. Pickard-Cambridge, 1874)	HELSDINGEN & IJLAND (2015)
<i>Berlandina plumalis</i> (O. Pickard-Cambridge, 1872)	KOMNENOV (2018)
<i>Callilepis nocturna</i> (Linnaeus, 1758)	DELTSHEV et al. (2011)
<i>Callilepis schuszeri</i> (Herman, 1879)	NAUMOVA et al. (2016)
<i>Civizelotes caucasicus</i> (L. Koch, 1866)	NAUMOVA et al. (2016)
<i>Civizelotes gracilis</i> (Canestrini, 1868)	NAUMOVA et al. (2016)
<i>Drassodes cupreus</i> (Blackwall, 1834)	DELTSHEV et al. (2011)
<i>Drassodes lapidosus</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Drassodes lutescens</i> (C.L. Koch, 1839)	DELTSHEV et al. (2011)
<i>Drassyllus praeficus</i> (L. Koch, 1866)	DELTSHEV et al. (2011)
<i>Drassyllus pusillus</i> (C.L. Koch, 1833)	NAUMOVA et al. (2016)
<i>Drassyllus villicus</i> (Thorell, 1875)	VRENOZI & JÄGER (2012)
<i>Echemus angustifrons</i> (Westring, 1861)	VRENOZI & JÄGER (2012)
<i>Gnaphosa bicolor</i> (Hahn, 1833)	NAUMOVA et al. (2016)
<i>Gnaphosa dolosa</i> Herman, 1879	KOMNENOV (2018)
<i>Gnaphosa lapponum</i> (L. Koch, 1866)	DELTSHEV et al. (2011)
<i>Gnaphosa lucifuga</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Gnaphosa opaca</i> Herman, 1879	NAUMOVA et al. (2016)
<i>Gnaphosa rhenana</i> Müller & Schenkel, 1895	KOMNENOV (2018)
<i>Haplodrassus dalmatensis</i> (L. Koch, 1866)	DELTSHEV et al. (2011)
<i>Haplodrassus signifer</i> (C.L. Koch, 1839)	DELTSHEV et al. (2011)
<i>Haplodrassus silvestris</i> (Blackwall, 1833)	NAUMOVA et al. (2016)
<i>Leptodrassus albidus</i> Simon, 1914	NENTWIG et al. (2018): VRENOZI pers. comm.
<i>Micaria albovittata</i> (Lucas, 1846)	DELTSHEV et al. (2011)
<i>Micaria coarctata</i> (Lucas, 1846)	VRENOZI & JÄGER (2012)
<i>Nomisia aussereri</i> (L. Koch, 1872)	DELTSHEV et al. (2011)
<i>Nomisia excerpta</i> (O. Pickard-Cambridge, 1872)	NENTWIG et al. (2018): VRENOZI pers. comm.
<i>Nomisia exornata</i> (C.L. Koch, 1839)	DELTSHEV et al. (2011)
<i>Nomisia recepta</i> (Pavesi, 1880)	VRENOZI & JÄGER (2012)
<i>Scotophaeus blackwalli</i> (Thorell, 1871)	DELTSHEV et al. (2011)
<i>Scotophaeus scutulatus</i> (L. Koch, 1866)	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Trachyzelotes barbatus</i> (L. Koch, 1866)	DELTSHEV et al. (2011)
<i>Trachyzelotes huberti</i> Platnick & Murphy, 1984	KOMNENOV (2018); described from Algeria (Oran) by PLATNICK & MURPHY (1984), re-found in Italy (Apulia) by IJLAND et al. (2012)
<i>Trachyzelotes lyonneti</i> (Audouin, 1826)	DELTSHEV et al. (2011)
<i>Trachyzelotes malkini</i> Platnick & Murphy, 1984	NAUMOVA et al. (2016)
<i>Trachyzelotes pedestris</i> (C.L. Koch, 1837)	DELTSHEV et al. (2011)
<i>Zelotes apricorum</i> (L. Koch, 1876)	DELTSHEV et al. (2011)
<i>Zelotes argoliensis</i> (C.L. Koch, 1839)	VRENOZI & JÄGER (2012)
<i>Zelotes atrocaeruleus</i> (Simon, 1878)	VRENOZI & JÄGER (2012)
<i>Zelotes balcanicus</i> Deltshv, 2006	DELTSHEV et al. (2011)
<i>Zelotes cingarus</i> (O. Pickard-Cambridge, 1874)	DELTSHEV et al. (2011)
<i>Zelotes femellus</i> (L. Koch, 1866)	VRENOZI & JÄGER (2013)
<i>Zelotes hermani</i> (Chyzer, 1897)	VRENOZI & JÄGER (2012)
<i>Zelotes metellus</i> Roewer, 1928	NAUMOVA et al. (2016)
<i>Zelotes oblongus</i> (C.L. Koch, 1833)	DELTSHEV et al. (2011)
<i>Zelotes segrex</i> (Simon, 1878)	DELTSHEV et al. (2011)
<i>Zelotes similis</i> (Kulczyński, 1887)	DELTSHEV et al. (2011)
<i>Zelotes tenuis</i> (L. Koch, 1866)	DELTSHEV et al. (2011)
<b>Hahniidae</b>	
<i>Cicurina cicur</i> (Fabricius, 1793)	DELTSHEV et al. (2011)
<i>Hahnia nava</i> (Blackwall, 1841)	DELTSHEV et al. (2011)
<i>Iberina candida</i> (Simon, 1875)	HELSDINGEN & IJLAND (2015)
<b>Leptonetidae</b>	
<i>Sulcia cretica lindbergi</i> Dresco, 1962	DELTSHEV et al. (2011): sub <i>S. pr. cretica lindbergi</i> (in checklist only, figures and text without „pr.“)
<b>Linyphiidae</b>	
<i>Agyphantes expunctus</i> (O. Pickard-Cambridge, 1875)	DELTSHEV et al. (2011)
<i>Agyneta rurestris</i> (C.L. Koch, 1836)	DELTSHEV et al. (2011)
<i>Agyneta saxatilis</i> (Blackwall, 1844)	DELTSHEV et al. (2011)
<i>Asthenargus braccianus</i> Miller, 1938	KOMNENOV (2011), HELSDINGEN & IJLAND (2015)
<i>Bolyphantes luteolus</i> (Blackwall, 1833)	DELTSHEV et al. (2011)
<i>Centromerus acutidentatus</i> DELTSHEV, 2002	DELTSHEV et al. (2011)
<i>Centromerus cavernarum</i> (L. Koch, 1872)	DELTSHEV et al. (2011)
<i>Ceratinella brevis</i> (Wider, 1834)	DELTSHEV et al. (2011)
<i>Ceratinella major</i> Kulczyński, 1894	HELSDINGEN & IJLAND (2015)
<i>Diplostyla concolor</i> (Wider, 1834)	DELTSHEV et al. (2011)
<i>Drapetisca socialis</i> (Sundevall, 1833)	KOMNENOV (2011)
<i>Erigone dentipalpis</i> (Wider, 1834)	DELTSHEV et al. (2011)
<i>Erigone remota</i> L. Koch, 1869	VRENOZI & JÄGER (2013)
<i>Erigonoplus jarmilae</i> (Miller, 1943)	DELTSHEV et al. (2011)
<i>Erigonoplus spinifemoralis</i> Dimitrov, 2003	KOMNENOV (2018)
<i>Floronia bucculenta</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Frontinellina frutetorum</i> (C.L. Koch, 1834)	DELTSHEV et al. (2011)
<i>Gnathonarium dentatum</i> (Wider, 1834)	KOMNENOV (2018)
<i>Gonatium hilare</i> (Thorell, 1875)	HELSDINGEN & IJLAND (2015)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Heterotrichoncus pusillus</i> (Miller, 1958)	HELSDINGEN & IJLAND (2015)
<i>Improphantes improbulus</i> (Simon, 1929)	DELTSHEV et al. (2011): sub <i>I. pr. improbulus</i>
<i>Janetschekia monodon</i> (O. Pickard-Cambridge, 1873)	KOMNENOV (2018)
<i>Lepthyphantes leprosus</i> (Ohlert, 1865)	DELTSHEV et al. (2011)
<i>Lepthyphantes magnesia</i> Brignoli, 1979	HELSDINGEN & IJLAND (2015)
<i>Lepthyphantes minutus</i> (Blackwall, 1833)	DELTSHEV et al. (2011)
<i>Lepthyphantes nodifer</i> Simon, 1884	VRENOZI & DELTSHEV (2012a)
<i>Linyphia hortensis</i> Sundevall, 1830	HELSDINGEN & IJLAND (2015)
<i>Linyphia mimonti</i> Simon, 1884	HELSDINGEN & IJLAND (2015)
<i>Linyphia triangularis</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Mansuphantes mansuetus</i> (Thorell, 1875)	DELTSHEV et al. (2011)
<i>Mecopisthes silus</i> (O. Pickard-Cambridge, 1873)	DELTSHEV et al. (2011)
<i>Micrargus herbigradus</i> (Blackwall, 1854)	DELTSHEV et al. (2011)
<i>Microlinyphia pusilla</i> (Sundevall, 1830)	DELTSHEV et al. (2011)
<i>Microneta viaria</i> (Blackwall, 1841)	DELTSHEV et al. (2011)
<i>Nematogmus sanguinolentus</i> (Walckenaer, 1841)	DELTSHEV et al. (2011)
<i>Neriere clathrata</i> (Sundevall, 1830)	DELTSHEV et al. (2011)
<i>Neriere furtiva</i> (O. Pickard-Cambridge, 1871)	VRENOZI & DELTSHEV (2012a)
<i>Neriere peltata</i> (Wider, 1834)	HELSDINGEN & IJLAND (2015)
<i>Oedothorax apicatus</i> (Blackwall, 1850)	DELTSHEV et al. (2011)
<i>Palliduphantes pillichi</i> (Kulczyński, 1915)	DELTSHEV et al. (2011)
<i>Pelecopsis elongata</i> (Wider, 1834)	VRENOZI & DELTSHEV (2012a)
<i>Piniphantes pinicola</i> (Simon, 1884)	DELTSHEV et al. (2011)
<i>Pityohyphantes phrygianus</i> (C.L. Koch, 1836)	DELTSHEV et al. (2011)
<i>Pocadicnemis juncea</i> Locket & Millidge, 1953	NAUMOVA et al. (2016), KOMNENOV (2018)
<i>Porrhomma convexum</i> (Westring, 1851)	KOMNENOV (2011)
<i>Prinerigone vagans</i> (Audouin, 1826)	DELTSHEV et al. (2011)
<i>Sauron rayi</i> (Simon, 1881)	NAUMOVA et al. (2016)
<i>Scutpelecopsis krausi</i> (Wunderlich, 1980)	HELSDINGEN & IJLAND (2015)
<i>Sintula retroversus</i> (O. Pickard-Cambridge, 1875)	VRENOZI & DELTSHEV (2012a)
<i>Sintula spiniger</i> (Balogh, 1935)	VRENOZI & DELTSHEV (2012a)
<i>Stemonyphantes lineatus</i> (Linnaeus, 1758)	DELTSHEV et al. (2011)
<i>Tallusia vindobonensis</i> (Kulczyński, 1898)	VRENOZI & JÄGER (2012)
<i>Tapinocyba mitis</i> (O. Pickard-Cambridge, 1882)	HELSDINGEN & IJLAND (2015): sub <i>T. cf. mitis</i>
<i>Tapinocyba pallens</i> (O. Pickard-Cambridge, 1873)	DELTSHEV et al. (2011)
<i>Tenuiphantes floriana</i> (van Helsdingen, 1977)	VRENOZI & DELTSHEV (2012a)
<i>Tenuiphantes herbicola</i> (Simon, 1884)	HELSDINGEN & IJLAND (2015)
<i>Tenuiphantes tenebricola</i> (Wider, 1834)	VRENOZI & JÄGER (2013)
<i>Tenuiphantes tenuis</i> (Blackwall, 1852)	DELTSHEV et al. (2011)
<i>Trichoncus affinis</i> Kulczyński, 1894	DELTSHEV et al. (2011)
<i>Trichoncus sordidus</i> Simon, 1884	VRENOZI & DELTSHEV (2012a)
<i>Troglohyphantes draconis</i> Deeleman-Reinhold, 1978	DELTSHEV et al. (2011)
<i>Troglohyphantes pretneri</i> Deeleman-Reinhold, 1978	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Walckenaeria abantensis</i> Wunderlich, 1995	HELSDINGEN & IJLAND (2015)
<b>Liocranidae</b>	
<i>Agraecina lineata</i> (Simon, 1878)	VRENOZI & JÄGER (2012)
<i>Agroeca cuprea</i> Menge, 1873	NAUMOVA et al. (2016)
<i>Liocranoeca vjosensis</i> Komnenov, 2018	KOMNENOV (2018)
<i>Liocranum rupicola</i> (Walckenaer, 1830)	NAUMOVA et al. (2016)
<i>Mesiotelus tenuissimus</i> (L. Koch, 1866)	DELTSHEV et al. (2011): with „?“
<i>Sagana rutilans</i> Thorell, 1875	HELSDINGEN & IJLAND (2015)
<b>Lycosidae</b>	
<i>Alopecosa aculeata</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Alopecosa albofasciata</i> (Brullé, 1832)	DELTSHEV et al. (2011)
<i>Alopecosa cursor</i> (Hahn, 1831)	VRENOZI & JÄGER (2012)
<i>Alopecosa fabrilis</i> (Clerck, 1757)	NAUMOVA et al. (2016)
<i>Alopecosa farinosa</i> (Herman, 1879)	DELTSHEV et al. (2011): sub <i>A. accentuata</i>
<i>Alopecosa pentheri</i> (Nosek, 1905)	HELSDINGEN & IJLAND (2015)
<i>Alopecosa pulverulenta</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Alopecosa solitaria</i> (Herman, 1879)	DELTSHEV et al. (2011)
<i>Alopecosa sulzeri</i> (Pavesi, 1873)	NAUMOVA et al. (2016)
<i>Alopecosa trabalis</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Arctosa cinerea</i> (Fabricius, 1777)	DELTSHEV et al. (2011)
<i>Arctosa leopardus</i> (Sundevall, 1833)	DELTSHEV et al. (2011)
<i>Arctosa perita</i> (Latreille, 1799)	KOMNENOV (2018)
<i>Arctosa stigmosa</i> (Thorell, 1875)	KOMNENOV (2018)
<i>Arctosa variana</i> C.L. Koch, 1847	DELTSHEV et al. (2011)
<i>Aulonia albimana</i> (Walckenaer, 1805)	VRENOZI & JÄGER (2012)
<i>Geolycosa vultuosa</i> (C.L. Koch, 1838)	HELSDINGEN & IJLAND (2015)
<i>Hogna radiata</i> (Latreille, 1817)	DELTSHEV et al. (2011)
<i>Lycosa praegrandis</i> C.L. Koch, 1836	DELTSHEV et al. (2011)
<i>Lycosa praegrandis discoloriventer</i> Caporiacco, 1949	DELTSHEV et al. (2011)
<i>Pardosa agrestis</i> (Westring, 1861)	VRENOZI & JÄGER (2013)
<i>Pardosa agricola</i> (Thorell, 1856)	DELTSHEV et al. (2011)
<i>Pardosa alacris</i> (C.L. Koch, 1833)	DELTSHEV et al. (2011)
<i>Pardosa albatula</i> (Roewer, 1951)	DELTSHEV et al. (2011)
<i>Pardosa atomaria</i> (C.L. Koch, 1847)	DELTSHEV et al. (2011)
<i>Pardosa bifasciata</i> (C.L. Koch, 1834)	NAUMOVA et al. (2016)
<i>Pardosa cavannae</i> Simon, 1881	VRENOZI & JÄGER (2013)
<i>Pardosa cribrata</i> Simon, 1876	DELTSHEV et al. (2011)
<i>Pardosa hortensis</i> (Thorell, 1872)	DELTSHEV et al. (2011)
<i>Pardosa lugubris</i> (Walckenaer, 1802)	DELTSHEV et al. (2011); N.B.: s.str.?; BLAGOEV (2005): only females (which are hardly distinguishable in the <i>lugubris</i> group), cf. <i>P. pertinax</i> von Helversen, 2000 (Greece, Turkey) (TÖPFER-HOFMANN et al. 2000)
<i>Pardosa mixta</i> (Kulczyński, 1887)	DELTSHEV et al. (2011)
<i>Pardosa monticola</i> (Clerck, 1757)	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Pardosa prativaga</i> (L. Koch, 1870)	DELTSHEV et al. (2011)
<i>Pardosa proxima</i> (C.L. Koch, 1847)	DELTSHEV et al. (2011); N.B.: <i>Pardosa vlijmi</i> den Hollander & Dijkstra, 1974 is a synonym of <i>P. proxima</i> (ISAIA et al. 2018)
<i>Pardosa pullata</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Pardosa tatarica</i> (Thorell, 1875)	DELTSHEV et al. (2011)
<i>Pardosa vittata</i> (Keyserling, 1863)	VRENOZI & JÄGER (2012)
<i>Pirata piraticus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Pirata tenuitarsis</i> Simon, 1876	KOMNENOV (2018)
<i>Piratula knorri</i> (Scopoli, 1763)	DELTSHEV et al. (2011): sub <i>Pirata k.</i>
<i>Piratula latitans</i> (Blackwall, 1841)	DELTSHEV et al. (2011): sub <i>Pirata l.</i>
<i>Trabea paradoxa</i> Simon, 1876	DELTSHEV et al. (2011)
<i>Trochosa hispanica</i> Simon, 1870	DELTSHEV et al. (2011)
<i>Trochosa robusta</i> (Simon, 1876)	DELTSHEV et al. (2011)
<i>Trochosa ruricola</i> (De Geer, 1778)	DELTSHEV et al. (2011)
<i>Trochosa terricola</i> Thorell, 1856	DELTSHEV et al. (2011)
<i>Xerolycosa miniata</i> (C.L. Koch, 1834)	DELTSHEV et al. (2011)
<b>Mimetidae</b>	
<i>Ero tuberculata</i> (De Geer, 1778)	HELSDINGEN & IJLAND (2015)
<b>Miturgidae</b>	
<i>Zora manicata</i> Simon, 1878	DELTSHEV et al. (2011)
<i>Zora nemoralis</i> (Blackwall, 1861)	DELTSHEV et al. (2011)
<i>Zora parallela</i> Simon, 1878	HELSDINGEN & IJLAND (2015)
<i>Zora spinimana</i> (Sundevall, 1833)	DELTSHEV et al. (2011)
<b>Nemesiidae</b>	
<i>Brachythele media</i> Kulczyński, 1897	VRENOZI & DELTSHEV (2012b)
<i>Nemesia pannonica</i> Herman, 1879	VRENOZI & JÄGER (2012): sub <i>N. pannonica pannonica</i>
<b>Nesticidae</b>	
<i>Kryptonesticus eremita</i> (Simon, 1880)	DELTSHEV et al. (2011): sub <i>Nesticus e.</i>
<i>Nesticus cellulanus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<b>Oecobiidae</b>	
<i>Oecobius maculatus</i> Simon, 1870	HELSDINGEN & IJLAND (2015)
<i>Uroctea durandi</i> (Latreille, 1809)	DELTSHEV et al. (2011)
<b>Oonopidae</b>	
<i>Oonops domesticus</i> Dalmas, 1916	DELTSHEV et al. (2011)
<b>Oxyopidae</b>	
<i>Oxyopes heterophthalmus</i> (Latreille, 1804)	DELTSHEV et al. (2011)
<i>Oxyopes lineatus</i> Latreille, 1806	DELTSHEV et al. (2011)
<b>Palpimanidae</b>	
<i>Palpimanus gibbulus</i> Dufour, 1820	DELTSHEV et al. (2011)
<i>Palpimanus orientalis</i> Kulczyński, 1909	DELTSHEV et al. (2011)
<b>Philodromidae</b>	
<i>Philodromus aureolus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Philodromus cespitum</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Philodromus dispar</i> Walckenaer, 1826	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Philodromus pentheri</i> Muster, 2009	DELTSHEV et al. (2011)
<i>Philodromus praedatus</i> O. Pickard-Cambridge, 1871	DELTSHEV et al. (2011)
<i>Philodromus rufus</i> Walckenaer, 1826	DELTSHEV et al. (2011)
<i>Pulchellodromus bistigma</i> (Simon, 1870)	VRENOZI & JÄGER (2012): sub <i>Philodromus b.</i>
<i>Pulchellodromus pulchellus</i> (Lucas, 1846)	DELTSHEV et al. (2011): sub <i>Philodromus p.</i>
<i>Pulchellodromus ruficapillus</i> (Simon, 1885)	VRENOZI & JÄGER (2012): sub <i>Philodromus r.</i>
<i>Thanatus atratus</i> Simon, 1875	VRENOZI & JÄGER (2012)
<i>Thanatus sabulosus</i> (Menge, 1875)	DELTSHEV et al. (2011)
<i>Thanatus vulgaris</i> Simon, 1870	DELTSHEV et al. (2011)
<i>Tibellus oblongus</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<b>Pholcidae</b>	
<i>Holocnemus pluchei</i> (Scopoli, 1763)	DELTSHEV et al. (2011)
<i>Hoplopholcus forskali</i> (Thorell, 1871)	DELTSHEV et al. (2011)
<i>Pholcus opilionoides</i> (Schrank, 1781)	DELTSHEV et al. (2011)
<i>Pholcus phalangioides</i> (Fuesslin, 1775)	DELTSHEV et al. (2011)
<i>Stygopholcus photophilus</i> (Senglet, 1971)	DELTSHEV et al. (2011)
<b>Phrurolithidae</b>	
<i>Phrurolithus festivus</i> (C.L. Koch, 1835)	DELTSHEV et al. (2011)
<i>Phrurolithus nigrinus</i> (Simon, 1878)	KOMNENOV (2018); specimens from the Balkans not figured, identity with material from western Europe should be checked
<i>Phrurolithus pullatus</i> Kulczyński, 1897	HELSDINGEN & IJLAND (2015)
<i>Phrurolithus szilyi</i> Herman, 1879	DELTSHEV et al. (2011)
<b>Pisauridae</b>	
<i>Pisaura mirabilis</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<b>Salticidae</b>	
<i>Aelurillus v-insignitus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Asianellus festivus</i> (C.L. Koch, 1834)	DELTSHEV et al. (2011)
<i>Attulus distinguendus</i> (Simon, 1868)	DELTSHEV et al. (2011): sub <i>Sitticus d.</i>
<i>Attulus penicillatus</i> (Simon, 1875)	HELSDINGEN & IJLAND (2015): sub <i>Sitticus p.</i>
<i>Ballus chalybeius</i> (Walckenaer, 1802)	VRENOZI & JÄGER (2012)
<i>Ballus rufipes</i> (Simon, 1868)	KOMNENOV (2018)
<i>Calositticus atricapillus</i> (Simon, 1882)	DELTSHEV et al. (2011): sub <i>Sitticus a.</i>
<i>Calositticus rupicola</i> (C.L. Koch, 1837)	VRENOZI & DUNLOP (2013): sub <i>Sitticus r.</i>
<i>Carrhotus xanthogramma</i> (Latreille, 1819)	DELTSHEV et al. (2011)
<i>Chalcoscirtus infimus</i> (Simon, 1868)	DELTSHEV et al. (2011)
<i>Cyrra algerina</i> (Lucas, 1846)	DELTSHEV et al. (2011)
<i>Euophrys frontalis</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Euophrys herbigrada</i> (Simon, 1871)	VRENOZI & DELTSHEV (2012b)
<i>Euophrys rufibarbis</i> (Simon, 1868)	DELTSHEV et al. (2011)
<i>Evarcha falcata</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Evarcha jucunda</i> (Lucas, 1846)	DELTSHEV et al. (2011)
<i>Evarcha laetabunda</i> (C.L. Koch, 1846)	DELTSHEV et al. (2011)
<i>Habrocestum papilionaceum</i> (L. Koch, 1867)	VRENOZI & JÄGER (2012)
<i>Heliophanus auratus</i> C.L. Koch, 1835	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Heliophanus cupreus</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Heliophanus dubius</i> C.L. Koch, 1835	DELTSHEV et al. (2011)
<i>Heliophanus equester</i> L. Koch, 1867	DELTSHEV et al. (2011)
<i>Heliophanus flavipes</i> (Hahn, 1832)	DELTSHEV et al. (2011)
<i>Heliophanus kochii</i> Simon, 1868	DELTSHEV et al. (2011)
<i>Heliophanus lineiventris</i> Simon, 1868	DELTSHEV et al. (2011)
<i>Heliophanus melinus</i> L. Koch, 1867	DELTSHEV et al. (2011)
<i>Heliophanus patagiatus</i> Thorell, 1875	DELTSHEV et al. (2011)
<i>Heliophanus simplex</i> Simon, 1868	DELTSHEV et al. (2011)
<i>Heliophanus tribulosus</i> Simon, 1868	DELTSHEV et al. (2011)
<i>Hypositticus pubescens</i> (Fabricius, 1775)	DELTSHEV et al. (2011): sub <i>Sitticus p.</i>
<i>Icius hamatus</i> (C.L. Koch, 1846)	DELTSHEV et al. (2011)
<i>Macaroeris flavicomis</i> (Simon, 1884)	DELTSHEV et al. (2011)
<i>Macaroeris nidicolens</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Marpissa nivoyi</i> (Lucas, 1846)	BLICK (this contribution)
<i>Marpissa pomatia</i> (Walckenaer, 1802)	BLICK (this contribution)
<i>Mendoza canestrinii</i> (Ninni, 1868)	DELTSHEV et al. (2011)
<i>Menemerus semilimbatus</i> (Hahn, 1829)	DELTSHEV et al. (2011)
<i>Neaetha absheronica</i> Logunov & Guseinov, 2002	KOMNENOV (2018)
<i>Neaetha membrosa</i> (Simon, 1868)	VRENOZI & JÄGER (2012); N.B.: probably <i>N. absheronica</i> Logunov & Guseinov, 2002 (cf. LOGUNOV 2015)
<i>Neon levis</i> (Simon, 1871)	DELTSHEV et al. (2011)
<i>Neon rayi</i> (Simon, 1875)	HELSDINGEN & IJLAND (2015)
<i>Pellenes arciger</i> (Walckenaer, 1837)	DELTSHEV et al. (2011)
<i>Pellenes nigrocliliatus</i> (Simon, 1875)	HELSDINGEN & IJLAND (2015)
<i>Pellenes tripunctatus</i> (Walckenaer, 1802)	VRENOZI (2012)
<i>Philaeus chrysops</i> (Poda, 1761)	DELTSHEV et al. (2011)
<i>Phlegra bresnieri</i> (Lucas, 1846)	DELTSHEV et al. (2011)
<i>Phlegra fasciata</i> (Hahn, 1826)	DELTSHEV et al. (2011)
<i>Pseudeophrys erratica</i> (Walckenaer, 1826)	VRENOZI (2012)
<i>Pseudeophrys obsoleta</i> (Simon, 1868)	DELTSHEV et al. (2011)
<i>Pseudicius kulczynskii</i> Nosek, 1905	DELTSHEV et al. (2011)
<i>Saitis graecus</i> Kulczyński, 1904	VRENOZI & JÄGER (2012)
<i>Salticus propinquus</i> Lucas, 1846	DELTSHEV et al. (2011)
<i>Salticus scenicus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Salticus unciger</i> (Simon, 1868)	DELTSHEV et al. (2011)
<i>Salticus zebraneus</i> (C.L. Koch, 1837)	DELTSHEV et al. (2011)
<b>Scytodidae</b>	
<i>Scytodes thoracica</i> (Latreille, 1802)	DELTSHEV et al. (2011)
<b>Segestriidae</b>	
<i>Segestria bavarica</i> C.L. Koch, 1843	DELTSHEV et al. (2011)
<i>Segestria senoculata</i> (Linnaeus, 1758)	DELTSHEV et al. (2011)
<b>Sparassidae</b>	
<i>Micrommata ligurina</i> (C.L. Koch, 1845)	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Micrommata virescens</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<b>Tetragnathidae</b>	
<i>Meta menardi</i> (Latreille, 1804)	DELTSHEV et al. (2011)
<i>Metellina mengei</i> (Blackwall, 1869)	DELTSHEV et al. (2011)
<i>Metellina merianae</i> (Scopoli, 1763)	DELTSHEV et al. (2011)
<i>Metellina segmentata</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Pachygnatha clerckoides</i> Wunderlich, 1985	KOMNENOV (2018)
<i>Pachygnatha degeeri</i> Sundevall, 1830	VRENOZI & JÄGER (2012)
<i>Tetragnatha extensa</i> (Linnaeus, 1758)	DELTSHEV et al. (2011)
<i>Tetragnatha flava</i> (Audouin, 1826)	DELTSHEV et al. (2011)
<i>Tetragnatha montana</i> Simon, 1874	DELTSHEV et al. (2011)
<i>Tetragnatha nigrata</i> Lendl, 1886	DELTSHEV et al. (2011)
<i>Tetragnatha nitens</i> (Audouin, 1826)	DELTSHEV et al. (2011)
<b>Theridiidae</b>	
<i>Anelosimus vittatus</i> (C.L. Koch, 1836)	DELTSHEV et al. (2011)
<i>Argyrodes argyrodes</i> (Walckenaer, 1841)	DELTSHEV et al. (2011)
<i>Asagena phalerata</i> (Panzer, 1801)	DELTSHEV et al. (2011)
<i>Crustulina guttata</i> (Wider, 1834)	DELTSHEV et al. (2011)
<i>Crustulina scabripes</i> Simon, 1881	DELTSHEV et al. (2011)
<i>Crustulina sticta</i> (O. Pickard-Cambridge, 1861)	DELTSHEV et al. (2011)
<i>Cryptachaea blattea</i> (Urquhart, 1886)	DELTSHEV et al. (2011)
<i>Dipoena braccata</i> (C.L. Koch, 1841)	DELTSHEV et al. (2011)
<i>Dipoena melanogaster</i> (C.L. Koch, 1837)	DELTSHEV et al. (2011)
<i>Dipoena nigroreticulata</i> (Simon, 1880)	HELSDINGEN & IJLAND (2015)
<i>Enoplognatha afroditae</i> Hipps & Oksala, 1983	VRENOZI & JÄGER (2012)
<i>Enoplognatha gemina</i> Bosmans & Van Keer, 1999	NENTWIG et al. (2018); VRENOZI pers. comm.
<i>Enoplognatha latimana</i> Hipps & Oksala, 1982	DELTSHEV et al. (2011)
<i>Enoplognatha mandibularis</i> (Lucas, 1846)	VRENOZI & JÄGER (2012)
<i>Enoplognatha ovata</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Enoplognatha quadripunctata</i> Simon, 1884	DELTSHEV et al. (2011)
<i>Enoplognatha thoracica</i> (Hahn, 1833)	DELTSHEV et al. (2011)
<i>Episinus maculipes</i> Cavanna, 1876	VRENOZI & JÄGER (2012)
<i>Episinus truncatus</i> Latreille, 1809	VRENOZI & JÄGER (2012)
<i>Euryopsis episinoides</i> (Walckenaer, 1847)	DELTSHEV et al. (2011)
<i>Euryopsis flavomaculata</i> (C.L. Koch, 1836)	NAUMOVA et al. (2016)
<i>Heterotheridion nigrovariegatum</i> (Simon, 1873)	DELTSHEV et al. (2011); sub <i>Theridion n.</i>
<i>Kochiura aulica</i> (C.L. Koch, 1838)	DELTSHEV et al. (2011)
<i>Lasaeola convexa</i> (Blackwall, 1870)	HELSDINGEN & IJLAND (2015)
<i>Lasaeola prona</i> (Menge, 1868)	DELTSHEV et al. (2011)
<i>Neottiura herbigrada</i> (Simon, 1873)	VRENOZI & JÄGER (2012)
<i>Paidiscura pallens</i> (Blackwall, 1834)	HELSDINGEN & IJLAND (2015)
<i>Pholcomma gibbum</i> (Westring, 1851)	DELTSHEV et al. (2011)
<i>Phylloneta impressa</i> (L. Koch, 1881)	DELTSHEV et al. (2011); sub <i>Theridion impressum</i>
<i>Platnickina nigropunctata</i> (Lucas, 1846)	VRENOZI & JÄGER (2013)
<i>Platnickina tinctoria</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Robertus arundineti</i> (O. Pickard-Cambridge, 1871)	KOMNENOV (2018)
<i>Robertus frivaldszkyi</i> (Chyzer, 1894)	DELTSHEV et al. (2011)
<i>Robertus mediterraneus</i> Eskov, 1987	HELSDINGEN & IJLAND (2015)
<i>Simitidion simile</i> (C.L. Koch, 1836)	DELTSHEV et al. (2011)
<i>Steatoda albomaculata</i> (De Geer, 1778)	DELTSHEV et al. (2011)
<i>Steatoda bipunctata</i> (Linnaeus, 1758)	DELTSHEV et al. (2011)
<i>Steatoda paykulliana</i> (Walckenaer, 1806)	DELTSHEV et al. (2011)
<i>Steatoda triangulosa</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Theridion adrianopoli</i> Drensky, 1915	HELSDINGEN & IJLAND (2015)
<i>Theridion betteni</i> Wiehle, 1960	HELSDINGEN et al. (2018)
<i>Theridion cinereum</i> Thorell, 1875	DELTSHEV et al. (2011)
<i>Theridion melanurum</i> Hahn, 1831	DELTSHEV et al. (2011)
<i>Theridion mystaceum</i> L. Koch, 1870	DELTSHEV et al. (2011)
<i>Theridion varians</i> Hahn, 1833	DELTSHEV et al. (2011)
<b>Thomisidae</b>	
<i>Cozyptila blackwalli</i> (Simon, 1875)	DELTSHEV et al. (2011)
<i>Cozyptila thaleri</i> Marusik & Kovblyuk, 2005	DELTSHEV et al. (2011)
<i>Diaea livens</i> Simon, 1876	DELTSHEV et al. (2011)
<i>Heriaeus hirtus</i> (Latreille, 1819)	DELTSHEV et al. (2011)
<i>Misumena vatia</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Monaeses paradoxus</i> (Lucas, 1846)	DELTSHEV et al. (2011)
<i>Ozyptila atomaria</i> (Panzer, 1801)	DELTSHEV et al. (2011)
<i>Ozyptila confluens</i> (C.L. Koch, 1845)	DELTSHEV et al. (2011)
<i>Ozyptila sanctuaria</i> (O. Pickard-Cambridge, 1871)	DELTSHEV et al. (2011)
<i>Ozyptila simplex</i> (O. Pickard-Cambridge, 1862)	DELTSHEV et al. (2011)
<i>Pistius truncatus</i> (Pallas, 1772)	HELSDINGEN & IJLAND (2015)
<i>Runcinia grammica</i> (C.L. Koch, 1837)	DELTSHEV et al. (2011)
<i>Synema globosum</i> (Fabricius, 1775)	DELTSHEV et al. (2011)
<i>Synema plorator</i> (O. Pickard-Cambridge, 1872)	DELTSHEV et al. (2011)
<i>Thomisus onustus</i> Walckenaer, 1805	DELTSHEV et al. (2011)
<i>Tmarus piger</i> (Walckenaer, 1802)	DELTSHEV et al. (2011)
<i>Tmarus piochardi</i> (Simon, 1866)	HELSDINGEN & IJLAND (2015)
<i>Xysticus acerbus</i> Thorell, 1872	DELTSHEV et al. (2011)
<i>Xysticus brevidentatus</i> Wunderlich, 1995	DELTSHEV et al. (2011)
<i>Xysticus bufo</i> (Dufour, 1820)	VRENOZI & DELTSHEV (2012b)
<i>Xysticus caperatus</i> Simon, 1875	DELTSHEV et al. (2011)
<i>Xysticus cribratus</i> Simon, 1885	DELTSHEV et al. (2011): sub <i>X. pr. cribratus</i>
<i>Xysticus cristatus</i> (Clerck, 1757)	DELTSHEV et al. (2011)
<i>Xysticus edax</i> (O. Pickard-Cambridge, 1872)	DELTSHEV et al. (2011)
<i>Xysticus graecus</i> C.L. Koch, 1837	DELTSHEV et al. (2011)
<i>Xysticus kempeleni</i> Thorell, 1872	VRENOZI & JÄGER (2012)
<i>Xysticus kochi</i> Thorell, 1872	DELTSHEV et al. (2011)
<i>Xysticus lanio</i> C.L. Koch, 1835	HELSDINGEN & IJLAND (2015)
<i>Xysticus marmoratus</i> Thorell, 1875	DELTSHEV et al. (2011): sub <i>X. gymnocephalus</i>
<i>Xysticus robustus</i> (Hahn, 1832)	DELTSHEV et al. (2011)

Tab. 1 continued – Fortsetzung

Family/Species	Source and notes
<i>Xysticus sabulosus</i> (Hahn, 1832)	DELTSHEV et al. (2011)
<i>Xysticus striatipes</i> L. Koch, 1870	DELTSHEV et al. (2011)
<i>Xysticus thessalicus</i> Simon, 1916	HELSDINGEN & IJLAND (2015)
<b>Titanoecidae</b>	
<i>Nurscia albomaculata</i> (Lucas, 1846)	DELTSHEV et al. (2011)
<i>Titanoeca flavicoma</i> L. Koch, 1872	KOMNENOV (2018)
<i>Titanoeca quadriguttata</i> (Hahn, 1833)	DELTSHEV et al. (2011)
<i>Titanoeca spominima</i> (Taczanowski, 1866)	NENTWIG et al. (2018): VRENOZI pers. comm.
<i>Titanoeca tristis</i> L. Koch, 1872	DELTSHEV et al. (2011)
<i>Titanoeca veteranica</i> Herman, 1879	NAUMOVA et al. (2016)
<b>Trachelidae</b>	
<i>Cetonana laticeps</i> (Canestrini, 1868)	DELTSHEV et al. (2011)
<b>Uloboridae</b>	
<i>Uloborus walckenaerius</i> Latreille, 1806	DELTSHEV et al. (2011)
<b>Zodariidae</b>	
<i>Zodarion elegans</i> (Simon, 1873)	DELTSHEV et al. (2011)
<i>Zodarion frenatum</i> Simon, 1884	DELTSHEV et al. (2011)
<i>Zodarion graecum</i> (C.L. Koch, 1843)	DELTSHEV et al. (2011)
<i>Zodarion morosum</i> Denis, 1935	NAUMOVA et al. (2016)
<i>Zodarion musarum</i> Brignoli, 1984	DELTSHEV et al. (2011)
<i>Zodarion ohridense</i> Wunderlich, 1973	DELTSHEV et al. (2011)
<b>Zoropsidae</b>	
<i>Zoropsis oertzeni</i> Dahl, 1901	DELTSHEV et al. (2011)
<i>Zoropsis spinimana</i> (Dufour, 1820)	DELTSHEV et al. (2011)

Tab. 2: Doubtful Albanian spider species records, not included in the checklist. – Tab. 2: Fragliche Spinnen-Artnachweise aus Albanien, die nicht in der Checkliste geführt werden.

Family/Species	Notes
<b>Agelenidae</b>	
<i>Inermocoelotes inermis</i> (L. Koch, 1855)	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)
<b>Araneidae</b>	
<i>Hypsosinga pygmaea</i> (Sundevall, 1831)	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)
<i>Leviellus thorelli</i> (Ausserer, 1871)	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)
<i>Zygiella keyserlingi</i> (Ausserer, 1871)	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)
<b>Dysderidae</b>	
<i>Dysdera erythrina</i> (Walckenaer, 1802)	DELTSHEV et al. (2011); according to ŘEZÁČ et al. (2018) <i>D. e.</i> is not known from the Balkan Peninsula, therefore removed in NENTWIG et al. (2018)

Tab. 2 continued – Fortsetzung

Family/Species	Notes
<i>Dysdera ninii</i> Canestrini, 1868	DELTSHEV et al. (2011); N.B.: it is more likely that it belongs to <i>D. microdonta</i> Gasparo, 2014, as this is the only species of the group known from the closest country Serbia (ŘEZÁČ et al. 2018)
<i>Dysdera scabricula</i> Simon, 1882	CAPORIACCO (1932): sub <i>D.</i> cfr. <i>scabricula</i> (juvenile only), the species is only confirmed from Spain and France, therefore not included in NENTWIG et al. (2018)
<b>Linyphiidae</b>	
<i>Silometopus ambiguus</i> (O. Pickard-Cambridge, 1906)	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)
<b>Salticidae</b>	
<i>Pellenes allegrii</i> Caporiacco, 1935	DELTSHEV et al. (2011), but not included in the given source (SCHENKEL 1947), therefore removed in NENTWIG et al. (2018)
<i>Talavera petrensis</i> (C.L. Koch, 1837)	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)
<b>Thomisidae</b>	
<i>Heriaeus simoni</i> Kulczyński, 1903	listed by DHORA (2010) and by HELSDINGEN (2017), doubtful by VRENOZI (pers. comm.), therefore removed in NENTWIG et al. (2018)

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