

The Spiders (Araneae) of Bulgaria  
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The present check list is based on the incorporation of all available published records on the distribution of spiders in Bulgaria. A total of **1043** spider species group taxa from **45** families were established, due to the review of **270** literature items. The principal paper is 'A critical check list of Bulgarian spiders (Araneae)' (Deltshv & Blagoev, 2001), where 910 species based on 173 publications, together with all taxonomic changes published in the literature are listed. Now, these data are complemented by 97 papers and 7 species are still unpublished (marked in the list with **red \***). This check list also contains a comprehensive list of all publications on Bulgarian spiders (in the chapter References), published between 1876 and 2018.

### Introduction

#### Historical review of arachnological studies in Bulgaria

The arachnological studies in Bulgaria started at the end of the 19th century. The first data on spiders can be found in the works of Pavessi (1876) and Hristovich (1892). However, the numerous contributions of Drensky to the study of spiders and mites are considered as the beginning of regular and continuous arachnological research. His main contributions were written before the Second World War (Drensky, 1909, 1910, 1911a, b, 1912, 1913, 1915a, b, 1921, 1924, 1925, 1926, 1927a, b, 1929, 1930, 1931a, b, c, 1932, 1933, 1934a, b, c, 1936a, b, c, 1937, 1938a, b, 1939a, b, 1940a, b, 1942a, b, 1943, 1952, 1953, 1955, 1966). His book 'Catalogue on Spiders of the Balkan Peninsula' is the only catalogue published so far (Drensky, 1936a). There he reported 624 spider species found on the territory of Bulgaria. After the end of the War Drensky did not continue his intensive arachnological research and his last study on spiders in the South Dobrudzha was published in 1955.

In the 10 years which follows the arachnological research almost ceased until 1967 when new data on Bulgarian araneofauna appeared as a result of the regular research started by Deltshv. Biospeleological research in Bulgaria was intensified as well. Over 600 caves were studied and 76 spider species were established of which 1 genus and 9 species newly discovered (Deltshv, 1972d, 1973b, 1974, 1975a, 1977a, b, 1978a, 1980b). Data on the spatial distribution of spiders in cave biotopes and on the coenological relationships between species was presented as well (Deltshv, 1972a, b, c, 1973b, c, 1975a, b, 1982, 1983a, 1988c). The role of spiders in some pasture ecosystems in Bulgaria and Poland was studied (Deltshv & Kayak, 1974). The ecological research was continued by Blagoev. He studied the ecology of lycosid spiders (Blagoev & Deltshv, 1989; Deltshv & Blagoev, 1994, 1995).

The research efforts of some scientists were directed towards revision of old collections and their results were published as critical surveys of different genera and families (Deltshv, 1973c, 1980b, 1983c, d, 1987a, c, 1988c, 1990, 1993; Deltshv & Blagoev; 1995; Knoflach, 1999). Some of these data was published together with Dutch and Austrian arachnologists (van Helsdingen et al., 1977; Thaler et al., 1994; van Helsdingen et al., 2001).

Comprehensive research on the araneofauna of the following Bulgarian Mountains have been carried out so far: Rila (Drensky, 1932; Deltshv, 1995b, 2000a), Pirin (Drensky, 1921; Deltshv, 1983d, 1985, 1988a, b, 1990b, 1992b; Deltshv & Blagoev, 1997), Central Balkan (Drensky, 1911a; Deltshv, 1998, 2000b; Popov et al., 2000), Vitosha (Deltshv, 1967, 1980c), Sredna Gora (Lazarov et al., 2001), Osogovo (Tzonev & Lazarov, 2001), Chepun (Dimitrov & Lazarov, 2002). The research helped the precise range differentiation of the rare, relict, endemic and endangered species with in view of their conservation and protection. Many of the data contributed to the development of the National Biodiversity Conservation Strategy and National Parks Management Plans (Deltshv et al., 1993, 1998a, 2000a, b; Popov et al., 2000a).

In recent years the development of a database of Bulgarian spiders has started. The database have been designed, organised and maintained by Blagoev (Blagoev & Georgiev, 2000a, b; Deltshv et al., 1998). The data collected was used in the preparation of 'A critical check list of Bulgarian spiders (Araneae)' (Deltshv & Blagoev, 2001) as well as in the newly presented Check List of Bulgarian Spiders.

Fifty eight newly discovered species group taxa in Bulgaria, described mainly by Bulgarian arachnologists, are currently regarded as valid. The first descriptions of spiders based on Bulgarian material were published by Drensky (1915). He described a total of 43 species of which 13 still regarded as valid. Rosca (1939) described one species. The rest of the newly described taxa are due to the research of: Deltshv — 25, Lazarov — 8, Dimitrov — 3, Dimitrov & Lazarov — 2, Lazarov & Naumova — 2, Bosmans — 1, van Helsdingen — 1, Deltshv & Dimitrov — 1, Deltshv & Li — 1, Logunov — 1, Azarkina & Komnenov — 1, Deltshv, Blagoev, Komnenov & Lazarov — 1 and Dimitrov, Deltshv & Lazarov — 1.

At present the group of professional Bulgarian arachnologists number six persons.

### Families

Name	Genera	Species group taxa
Agelenidae	11	44
Amaurobiidae	2	10
Anapidae	1	1
Anyphaenidae	1	2
Araneidae	18	58
Atypidae	1	3
Clubionidae	1	27
Cybaeidae	3	5
Dictynidae	11	20
Dysderidae	4	41
Eresidae	1	2
Eutichuridae	1	12
Filistatidae	2	2
Gnaphosidae	21	104
Hahniidae	6	8
Leptonetidae	2	3
Linyphiidae	106	238
Liocranidae	8	13
Lycosidae	12	80

Mimetidae	2	5
Miturgidae	1	7
Mysmenidae	1	1
Nemesiidae	2	4
Nesticidae	2	3
Oecobiidae	2	2
Oonopidae	4	4
Oxyopidae	1	3
Philodromidae	5	36
Pholcidae	5	7
Phrurolithidae	1	3
Pisauridae	2	3
Salticidae	35	95
Scytodidae	1	1
Segestriidae	1	3
Sparassidae	2	3
Synsphyridae	1	1
Tetragnathidae	4	18
Theridiidae	25	78
Theridiosomatidae	1	1
Thomisidae	14	64
Titanoecidae	2	7
Trachelidae	3	3
Uloboridae	2	4
Zodariidae	1	12
Zoropsidae	1	2
<b>Total</b>	<b>333</b>	<b>1043</b>

**Family Agelenidae**

*Agelena labyrinthica* (Clerck, 1757)  
*Agelena orientalis* C. L. Koch, 1841  
*Allagelena gracilens* C. L. Koch, 1841  
*Coelotes atropos* (Walckenaer, 1830)  
*Coelotes terrestris* (Wider, 1834)  
*Eratigena agrestis* (Walckenaer, 1802)  
*Eratigena atrica* (C. L. Koch, 1843)  
*Eratigena picta* (Simon, 1870)  
*Histopona breviemboli* Dimitrov, Deltshv & Lazarov, 2017 [described from Bulgaria]  
*Histopona laeta* (Kulczyński, 1897)  
*Histopona luxurians* (Kulczyński, 1897)  
*Histopona torpida* (C. L. Koch, 1837)  
*Histopona tranteevi* Deltshv, 1978 [described from Bulgaria]  
*Inermocoelotes brevispinus* (Deltshv & Dimitrov, 1996) [described from Bulgaria]  
*Inermocoelotes deltshevi* (Dimitrov, 1996) [described from Bulgaria]  
*Inermocoelotes drenskii* (Deltshv, 1990) [described from Bulgaria]  
*Inermocoelotes falciger* (Kulczyński, 1897)  
*Inermocoelotes inermis* (L. Koch, 1855)  
*Inermocoelotes jurinitschi* (Drensky, 1915) [described from Bulgaria]  
*Inermocoelotes karlinskii* (Kulczyński, 1906)  
*Inermocoelotes kulczynskii* (Drensky, 1915) [described from Bulgaria]  
*Inermocoelotes microlepidus* (de Blauwe, 1973)  
*Inermocoelotes xinpingswangi* Deltshv, 2009 [described from Bulgaria]  
*Lycosoides coarctata* (Dufour, 1831)  
*Lycosoides flavomaculata* Lucas, 1846  
*Maimuna vestita* (C. L. Koch, 1841)  
*Tegenaria argaica* Nosek, 1905  
*Tegenaria bozhkovi* Deltshv, 2008 [described from Bulgaria]  
*Tegenaria campestris* C. L. Koch, 1834  
*Tegenaria dalmatica* Kulczyński, 1906  
*Tegenaria domestica* (Clerck, 1757)  
*Tegenaria ferruginea* (Panzer, 1804)  
*Tegenaria hasperi* Chyzer, 1897  
*Tegenaria montana* Deltshv, 1993 [described from Bulgaria]  
*Tegenaria pagana* C. L. Koch, 1840  
*Tegenaria parietina* (Fourcroy, 1785)  
*Tegenaria percuriosa* Brignoli, 1972  
*Tegenaria regispyrrhi* Brignoli, 1976  
*Tegenaria rilaensis* Deltshv, 1993 [described from Bulgaria]  
*Tegenaria silvestris* L. Koch, 1872  
*Textrix caudata* L. Koch, 1872  
*Textrix chyzeri* de Blauwe, 1980  
*Textrix denticulata* (Olivier, 1789)  
*Urocoras longispinus* (Kulczyński, 1897)

**Family Amaurobiidae**

*Amaurobius deelemanae* Thaler & Knoflach, 1995  
*Amaurobius erberi* (Keyserling, 1863)  
*Amaurobius fenestralis* (Ström, 1768)  
*Amaurobius ferox* (Walckenaer, 1830)  
*Amaurobius obustus* L. Koch, 1868  
*Amaurobius pallidus* L. Koch, 1868  
*Amaurobius similis* Blackwall, (1861)  
*Amaurobius strandi* Charitonov, 1937  
*Callobius balcanicus* (Drensky, 1940) [described from Bulgaria]  
*Callobius claustrarius* (Hahn, 1833)

**Family Anapidae**

*Zanherella relictata* (Kratohvil, 1935)

**Family Anyphaenidae**

*Anyphaena accentuata* (Walckenaer, 1802)  
*Anyphaena sabina* L. Koch, 1866

**Family Araneidae**

*Aculepeira armida* (Audouin, 1826)

*Aculepeira ceropegia* (Walckenaer, 1802)  
*Aculepeira talishia* (Zawadsky, 1902)  
*Agalenatea redii* (Scopoli, 1763)  
*Araneus alsine* (Walckenaer, 1802)  
*Araneus angulatus* Clerck, 1757  
*Araneus circe* (Audouin, 1826)  
*Araneus diadematus* Clerck, 1757  
*Araneus grossus* (C. L. Koch, 1844)  
*Araneus marmoreus* Clerck, 1757  
*Araneus nordmanni* (Thorell, 1870)  
*Araneus quadratus* Clerck, 1757  
*Araneus saevus* (L. Koch, 1872)  
*Araneus sturmi* (Hahn, 1831)  
*Araneus triguttatus* (Fabricius, 1793)  
*Araniella alpica* (L. Koch, 1869)  
*Araniella cucurbitina* (Clerck, 1757)  
*Araniella displicata* (Hentz, 1847)  
*Araniella inconspicua* (Simon, 1874)  
*Araniella opisthographa* (Kulczyński, 1905)  
*Araniella proxima* (Kulczyński, 1885)  
*Argiope bruennichi* (Scopoli, 1772)  
*Argiope lobata* (Pallas, 1772)  
*Cercidia prominens* (Westring, 1851)  
*Cyclosa algerica* Simon, 1885  
*Cyclosa conica* (Pallas, 1772)  
*Cyclosa oculata* (Walckenaer, 1802)  
*Cyclosa sierrae* Simon, 1870  
*Gibbaranea bituberculata* (Walckenaer, 1802)  
*Gibbaranea gibbosa* (Walckenaer, 1802)  
*Gibbaranea omoeda* (Thorell, 1870)  
*Gibbaranea ullrichi* (Hahn, 1835)  
*Glyptogona sextuberculata* (Keyserling, 1863)  
*Hypsosinga albovittata* (Westring, 1851)  
*Hypsosinga heri* (Hahn, 1831)  
*Hypsosinga pygmaea* (Sundevall, 1831)  
*Hypsosinga sanguinea* (C. L. Koch, 1844)  
*Larinioides cornutus* (Clerck, 1757)  
*Larinioides ixobolus* (Thorell, 1873)  
*Larinioides patagiatus* (Clerck, 1757)  
*Larinioides sclopetarius* (Clerck, 1757)  
*Larinioides suspicax* O. Pickard-Cambridge, 1876  
*Leviellus stroemi* (Thorell, 1870)  
*Leviellus thorelli* (Ausserer, 1871)  
*Mangora acalypha* (Walckenaer, 1802)  
*Neoscona adianta* (Walckenaer, 1802)  
*Neoscona subfusca* (C. L. Koch, 1837)  
*Nuctenea silvicultrix* (C. L. Koch, 1835)  
*Nuctenea umbratica* (Clerck, 1757)  
*Singa hamata* (Clerck, 1757)  
*Singa lucina* (Audouin, 1826)  
*Singa nitidula* C. L. Koch, 1844  
*Singa semiatra* L. Koch, 1867  
*Zilla diodia* (Walckenaer, 1802)  
*Zygiella atrica* (C. L. Koch, 1845)  
*Zygiella keyserlingi* (Ausserer, 1871)  
*Zygiella montana* (C. L. Koch, 1834)  
*Zygiella x-notata* (Clerck, 1757)

#### Family Atypidae

*Atypus affinis* Eichwald, 1830  
*Atypus muralis* Bertkau, 1890  
*Atypus piceus* (Sulzer, 1776)

#### Family Clubionidae

*Clubiona alpicola* Kulczyński, 1882  
*Clubiona brevipes* Blackwall, 1841  
*Clubiona caerulescens* L. Koch, 1867  
*Clubiona comta* C. L. Koch, 1839  
*Clubiona corticalis* (Walckenaer, 1802)  
*Clubiona diversa* O. Pickard-Cambridge, 1862  
 • *Clubiona frisia* Wunderlich & Schuett, 1995  
*Clubiona frutetorum* L. Koch, 1867  
*Clubiona genevensis* L. Koch, 1866  
*Clubiona germanica* Thorell, 1871  
*Clubiona juvenis* Simon, 1878  
*Clubiona leucaspis* Simon, 1932  
*Clubiona lutescens* Westring, 1851  
*Clubiona marmorata* L. Koch, 1866  
*Clubiona neglecta* O. Pickard-Cambridge, 1862  
*Clubiona pallidula* (Clerck, 1757)  
*Clubiona phragmitis* C. L. Koch, 1843  
*Clubiona prope subsultans* Thorell, 1875  
*Clubiona pseudoneglecta* Wunderlich, 1994  
 • *Clubiona reclusa* O. Pickard-Cambridge, 1863  
*Clubiona saxatilis* L. Koch, 1866  
*Clubiona similis* L. Koch, 1867  
*Clubiona subsultans* Thorell, 1875  
*Clubiona subtilis* L. Koch, 1867  
*Clubiona terrestris* Westring, 1851  
*Clubiona trivialis* C. L. Koch, 1843  
*Clubiona vegeta* L. Koch, 1874

#### Family Cybaeidae

*Cryphoeca pirini* (Drensky, 1921) [described from Bulgaria]  
*Cryphoeca silvicola* (C. L. Koch, 1834)  
*Cybaeus angustiarum* L. Koch, 1868  
*Cybaeus balkanus* Deltshv, 1997 [described from Bulgaria]

*Tuberta maerens* (O. Pickard-Cambridge, 1863)

#### Family Dictynidae

*Archaedictyna ammophila* (Menge, 1871)  
*Argenna patula* (Simon, 1874)  
*Argenna subnigra* (O. Pickard-Cambridge, 1861)  
*Argyroneta aquatica* (Clerck, 1757)  
*Brigittea civica* (Lucas, 1850)  
*Brigittea latens* (Fabricius, 1775)  
*Brigittea vicina* Simon, 1873  
*Brommella falcigera* (Balogh, 1935)  
*Dictyna arundinacea* (Linnaeus, 1758)  
*Dictyna major* Menge, 1869  
*Dictyna pusilla* Thorell, 1856  
*Dictyna uncinata* Thorell, 1856  
*Emblyna brevidens* (Kulczyński, 1897)  
*Lathys humilis* Blackwall, 1855  
*Lathys stigmatisata* (Menge, 1869)  
*Marilynia bicolor* (Simon, 1870)  
*Nigma flavescens* (Walckenaer, 1830)  
*Nigma puella* (Simon, 1870)  
*Nigma walckenaeri* (Roewer, 1951)  
*Scotolathys simplex* Simon, 1884

#### Family Dysderidae

*Dasumia amoena* (Kulczyński, 1897)  
*Dasumia canestrinii* (L. Koch, 1876)  
*Dasumia kusceri* (Kratohvil, 1935)  
*Dysdera adriatica* Kulczyński, 1897  
*Dysdera crocata* C. L. Koch, 1838  
*Dysdera enguriensis* Deeleman-Reinhold, 1988  
*Dysdera erythrina* (Walckenaer, 1802)  
*Dysdera hungarica* Kulczyński, 1897  
*Dysdera kollari* Doblík, 1851  
*Dysdera lata* Reuss, 1834  
*Dysdera longirostris* Doblík, 1853  
*Dysdera ninnii* Canestrini, 1868  
*Dysdera pectinata* Deeleman-Reinhold, 1988  
*Dysdera punctata* C. L. Koch, 1838  
*Dysdera richteri* Charitonov, 1956  
*Dysdera westringi* O. Pickard-Cambridge, 1872  
*Dysderocrates egregius* (Kulczyński, 1897)  
*Harpactea abantia* (Simon, 1884)  
*Harpactea alexandrae* Lazarov, 2006 [described from Bulgaria]  
*Harpactea apollinea* Brignoli, 1979  
*Harpactea asparuhi* Lazarov, 2008 [described from Bulgaria]  
*Harpactea babori* (Nosek, 1905)  
*Harpactea bulgarica* Lazarov & Naumova, 2010 [described from Bulgaria]  
*Harpactea deltshevi* Dimitrov & Lazarov, 1999 [described from Bulgaria]  
*Harpactea doblíkiae* (Thorell, 1875)  
*Harpactea hombergi* (Scopoli, 1763)  
*Harpactea konradi* Lazarov, 2009 [described from Bulgaria]  
*Harpactea krumi* Lazarov, 2010 [described from Bulgaria]  
*Harpactea kubrati* Lazarov, 2008 [described from Bulgaria]  
*Harpactea lazarovi* Deltšev, 2011 [described from Bulgaria]  
*Harpactea lepida* (C. L. Koch, 1838)  
*Harpactea mentor* Lazarov & Naumova, 2010 [described from Bulgaria]  
*Harpactea rubicunda* (C. L. Koch, 1838)  
*Harpactea saeva* (Herman, 1879)  
*Harpactea samuili* Lazarov, 2006 [described from Bulgaria]  
*Harpactea simovi* Deltšev & Lazarov, 2018 [described from Bulgaria]  
*Harpactea srednagora* Dimitrov & Lazarov, 1999 [described from Bulgaria]  
*Harpactea stoevi* Deltšev & Lazarov, 2018 [described from Bulgaria]  
*Harpactea strandjica* Dimitrov, 1997 [described from Bulgaria]  
*Harpactea sturanyi* (Nosek, 1905)  
*Harpactea terveli* Lazarov, 2009 [described from Bulgaria]

#### Family Eresidae

*Eresus kollari* Rossi, 1846  
*Eresus walckenaeri* Brullé, 1832

#### Family Eutichuridae

*Cheiracanthium elegans* Thorell, 1875  
*Cheiracanthium erraticum* (Walckenaer, 1802)  
*Cheiracanthium macedonicum* Drensky, 1921 [described from Bulgaria]  
*Cheiracanthium margaritae* Sterghiu, 1985  
*Cheiracanthium mildei* L. Koch, 1864  
*Cheiracanthium montanum* L. Koch, 1877  
*Cheiracanthium oncognathum* Thorell, 1871  
*Cheiracanthium pelasgicum* (C. L. Koch, 1837)  
*Cheiracanthium pennyi* O. Pickard-Cambridge, 1873  
*Cheiracanthium punctorium* (Villers, 1789)  
*Cheiracanthium seidlitzii* L. Koch, 1864  
*Cheiracanthium virescens* (Sundevall, 1833)

#### Family Filistatidae

*Filistata insidiatrix* (Forskål, 1775)  
*Pritha nana* (Simon, 1868)

#### Family Gnaphosidae

*Aphantaulax cincta* (L. Koch, 1866)  
*Aphantaulax trifasciata* (O. Pickard-Cambridge, 1872)  
*Berlandina cinerea* (Menge, 1872)  
*Berlandina nubivaga* (Simon, 1878)  
*Callilepis concolor* Simon, 1914

*Callilepis cretica* (Roewer, 1928)  
*Callilepis nocturna* (Linnaeus, 1758)  
*Callilepis schuszeri* (Herman, 1879)  
*Civizelotes caucasicus* (L. Koch, 1866)  
*Civizelotes gracilis* (Canestrini, 1868)  
*Civizelotes solstitialis* (Levy, 1998)  
*Drassodes cupreus* (Blackwall, 1834)  
*Drassodes lapidosus* (Walckenaer, 1802)  
*Drassodes lutescens* (C. L. Koch, 1839)  
*Drassodes pubescens* (Thorell, 1856)  
*Drassodes villosus* (Thorell, 1856)  
*Drassyllus lutetianus* (L. Koch, 1866)  
*Drassyllus praeficus* (L. Koch, 1866)  
*Drassyllus pumilus* (C. L. Koch, 1839)  
*Drassyllus pusillus* (C. L. Koch, 1833)  
*Drassyllus villicus* (Thorell, 1875)  
*Echemus angustifrons* (Westring, 1861)  
*Gnaphosa badia* (L. Koch, 1866)  
*Gnaphosa bicolor* (Hahn, 1833)  
*Gnaphosa dolanskyi* Řezáč, Růžička, Oger & Řezáčová, 2018 [described from Bulgaria]  
*Gnaphosa dolosa* Herman, 1879  
*Gnaphosa leporina* (L. Koch, 1866)  
*Gnaphosa lucifuga* (Walckenaer, 1802)  
*Gnaphosa lugubris* (C. L. Koch, 1839)  
*Gnaphosa microps* Holm, 1939  
*Gnaphosa moesta* Thorell, 1875  
*Gnaphosa montana* (L. Koch, 1866)  
*Gnaphosa muscorum* (L. Koch, 1866)  
*Gnaphosa opaca* Herman, 1879  
*Gnaphosa rhenana* Müller & Schenkel, 1895  
*Gnaphosa taurica* Thorell, 1875  
*Haplodrassus aenus* Thaler, 1984  
*Haplodrassus bohemicus* Miller & Buchar, 1977  
*Haplodrassus cognatus* (Westring, 1861)  
*Haplodrassus dalmatensis* (L. Koch, 1866)  
*Haplodrassus kulczyński* Lohmander, 1942  
*Haplodrassus minor* (O. Pickard-Cambridge, 1879)  
*Haplodrassus orientalis* (L. Koch, 1866)  
*Haplodrassus signifer* (C. L. Koch, 1839)  
*Haplodrassus silvestris* (Blackwall, 1833)  
*Haplodrassus umbratilis* (L. Koch, 1866)  
*Kishidaia conspicua* (L. Koch, 1866)  
*Leptodrassus femineus* (Simon, 1873)  
*Micaria aenea* Thorell, 1871  
*Micaria albivittata* (Lucas, 1846)  
*Micaria coarctata* (Lucas, 1846)  
*Micaria dives* (Lucas, 1846)  
*Micaria formicaria* (Sundevall, 1831)  
*Micaria fulgens* (Walckenaer, 1802)  
*Micaria funerea* Simon, 1878  
*Micaria guttulata* (C. L. Koch, 1839)  
*Micaria pallipes* (Lucas, 1846)  
*Micaria pulicaria* (Sundevall, 1831)  
*Micaria rossica* Thorell, 1875  
*Micaria silesiaca* L. Koch, 1875  
*Micaria sociabilis* Kulczyński, 1897  
*Micaria subopaca* Westring, 1861  
*Nomisia aussereri* (L. Koch, 1872)  
*Nomisia exornata* (C. L. Koch, 1839)  
*Nomisia ripariensis* (O. Pickard-Cambridge, 1872)  
*Phaeoedus braccatus* (L. Koch, 1866)  
*Poecilochroa variana* (C. L. Koch, 1839)  
*Scotophaeus blackwalli* (Thorell, 1871)  
*Scotophaeus quadripunctatus* (Linnaeus, 1758)  
*Scotophaeus scutulatus* (L. Koch, 1866)  
*Setaphis carmeli* (O. Pickard-Cambridge, 1872)  
*Sosticus loricatus* (L. Koch, 1866)  
*Trachyzelotes barbatus* (L. Koch, 1866)  
*Trachyzelotes kulczyński* (Bösenberg, 1902)  
*Trachyzelotes malkini* Platnick & Murphy, 1984  
*Trachyzelotes pedestris* (C. L. Koch, 1837)  
*Urozelotes rusticus* (L. Koch, 1872)  
*Zelotes aeneus* (Simon, 1878)  
*Zelotes apricorum* (L. Koch, 1876)  
*Zelotes atrocaeruleus* (Simon, 1878)  
*Zelotes aurantiacus* Miller, 1967  
*Zelotes balcanicus* Deltchev, 2006 [described from Bulgaria]  
*Zelotes callidus* (Simon, 1878)  
*Zelotes cingarus* (O. Pickard-Cambridge, 1874)  
*Zelotes clivicola* (L. Koch, 1870)  
*Zelotes electus* (C. L. Koch, 1839)  
*Zelotes erebeus* (Thorell, 1871)  
*Zelotes exiguus* (Müller & Schenkel, 1895)  
*Zelotes gallicus* Simon, 1914  
*Zelotes harmeron* Levy, 2009  
*Zelotes hermani* (Chyzer, 1897)  
*Zelotes latreillei* (Simon, 1878)  
*Zelotes longipes* (L. Koch, 1866)  
*Zelotes oblongus* (C. L. Koch, 1833)  
*Zelotes olympi* (Kulczyński, 1903)  
*Zelotes petrensis* (C. L. Koch, 1839)  
*Zelotes prope olympi* (Kulczyński, 1903)  
*Zelotes similis* (Kulczyński, 1887)  
*Zelotes strandi* (Nosek, 1905)  
*Zelotes subterraneus* (C. L. Koch, 1833)  
*Zelotes talpinus* (L. Koch, 1872)  
*Zelotes tenuis* (L. Koch, 1866)  
*Zelotes vespertinus* (Thorell, 1875)  
*Zelotes zellensis* Grimm, 1982

## Family Hahniidae

*Antistea elegans* (Blackwall, 1841)  
*Cicurina cicur* (Fabricius, 1793)  
*Hahnia nava* (Blackwall, 1841)  
*Hahnia ononidum* Simon, 1875  
*Hahnia pusilla* C. L. Koch, 1841  
*Hahniharma picta* (Kulczyński, 1897)  
*Iberina candida* (Simon, 1875)  
*Mastigusa macrophthalma* (Kulczyński, 1897)

## Family Leptonetidae

*Cataleptoneta detriticola* Deltshv & Li, 2013 [described from Bulgaria]  
*Protoleptoneta beroni* Deltshv, 1977 [described from Bulgaria]  
*Protoleptoneta bulgarica* Deltshv, 1972 [described from Bulgaria]

## Family Linyphiidae

*Abacoproeces saltuum* (L. Koch, 1872)  
*Acartauchenius scurrilis* (O. Pickard-Cambridge, 1872)  
*Agyneta cauta* (O. Pickard-Cambridge, 1902)  
*Agyneta equestris* (L. Koch, 1881)  
*Agyneta fuscipalpa* (C. L. Koch, 1836)  
*Agyneta gulosa* (L. Koch, 1869)  
*Agyneta ramosa* Jackson, 1912  
*Agyneta rurestris* (C. L. Koch, 1836)  
*Agyneta simplicitaris* (Simon, 1884)  
*Anguliphantes angulipalpis* (Westring, 1851)  
*Antrohyphantes balcanicus* (Drensky, 1931) [described from Bulgaria]  
*Antrohyphantes rhodopensis* (Drensky, 1931) [described from Bulgaria]  
*Antrohyphantes sophianus* (Drensky, 1931) [described from Bulgaria]  
*Araeoncus anguineus* (L. Koch, 1869)  
*Araeoncus clivifrons* Deltshv, 1987 [described from Bulgaria]  
*Araeoncus crassiceps* (Westring, 1861)  
*Araeoncus humilis* (Blackwall, 1841)  
*Araeoncus tauricus* Gnelitsa, 2005  
*Archaraeoncus prospiciens* (Thorell, 1875)  
*Bathyphantes gracilis* (Blackwall, 1841)  
*Bathyphantes nigrinus* (Westring, 1851)  
*Bolyphantes alticeps* (Sundevall, 1833)  
*Bolyphantes kolosvaryi* (Caporiacco, 1936)  
*Bolyphantes luteolus* (Blackwall, 1833)  
*Caviphantes dobrogicus* (Dumitrescu & Miller, 1962)  
*Centromerita bicolor* (Blackwall, 1833)  
*Centromerus acutidentatus* Deltshv, 2002 [described from Bulgaria]  
*Centromerus brevipalpus* (Menge, 1866)  
*Centromerus bulgarianus* (Drensky, 1931) [described from Bulgaria]  
*Centromerus capucinus* (Simon, 1884)  
*Centromerus cavernarum* (L. Koch, 1872)  
*Centromerus incilium* (L. Koch, 1881)  
*Centromerus lakatnikensis* (Drensky, 1931) [described from Bulgaria]  
*Centromerus milleri* Deltshv, 1974 [described from Bulgaria]  
*Centromerus pabulator* (O. Pickard-Cambridge, 1875)  
*Centromerus prudens* (O. Pickard-Cambridge, 1873)  
*Centromerus semiater* (L. Koch, 1879)  
*Centromerus serratus* (O. Pickard-Cambridge, 1875)  
*Centromerus silvicola* (Kulczyński, 1887)  
*Centromerus sylvaticus* (Blackwall, 1841)  
*Centromerus sylvaticus paucidentatus* Deltshv, 1983 [described from Bulgaria]  
*Centromerus valkanovi* Deltshv, 1983 [described from Bulgaria]  
*Ceratinella brevipes* (Westring, 1851)  
*Ceratinella brevis* (Wider, 1834)  
*Ceratinella major* Kulczyński, 1894  
*Ceratinella scabrosa* (O. Pickard-Cambridge, 1871)  
*Cinetata gradata* (Simon, 1881)  
*Cresmatoneta mutinensis* (Canestrini, 1868)  
*Crosbyarachne silvestris* (Georgescu, 1973)  
*Dicymbium nigrum* (Blackwall, 1834)  
*Dicymbium nigrum brevisetosum* Locket, 1962  
*Dicymbium tibiale* (Blackwall, 1836)  
*Diplocephalus altimontanus* Deltshv, 1984 [described from Bulgaria]  
*Diplocephalus crassilobus* (Simon, 1884)  
*Diplocephalus cristatus* (Blackwall, 1833)  
*Diplocephalus graecus* (O. Pickard-Cambridge, 1872)  
*Diplocephalus latifrons* (O. Pickard-Cambridge, 1863)  
*Diplocephalus permixtus* (O. Pickard-Cambridge, 1871)  
*Diplocephalus picinus* (Blackwall, 1841)  
*Diplocephalus protuberans* (O. Pickard-Cambridge, 1875)  
*Diplostyla concolor* (Wider, 1834)  
*Dismodicus bifrons* (Blackwall, 1841)  
*Dismodicus elevatus* (C. L. Koch, 1838)  
*Donacochara speciosa* (Thorell, 1875)  
*Drapetisca socialis* (Sundevall, 1833)  
*Drepanotylus pirinicus* Deltshv, 1992 [described from Bulgaria]  
*Entelecara acuminata* (Wider, 1834)  
*Entelecara congenera* (O. Pickard-Cambridge, 1879)  
*Entelecara flavipes* (Blackwall, 1834)  
*Entelecara media* Kulczyński, 1887  
*Erigone atra* Blackwall, 1833  
*Erigone dentipalpis* (Wider, 1834)  
*Erigone longipalpis pirini* Deltshv, 1983 [described from Bulgaria]  
*Erigonella hiemalis* (Blackwall, 1841)  
*Erigonoplus simplex* Millidge, 1979  
*Erigonoplus spinifemoralis* Dimitrov, 2003 [described from Bulgaria]  
*Evansia merens* O. Pickard-Cambridge, 1900  
*Floronia bucculenta* (Clerck, 1757)  
*Frontinellina frutetorum* (C. L. Koch, 1834)  
*Gnathonarium dentatum* (Wider, 1834)  
*Gonatum hilare* (Thorell, 1875)

**Goniatium nemorivagum** (O. Pickard-Cambridge, 1875)  
**Goniatium orientale** Fage, 1931  
**Goniatium paradoxum** (L. Koch, 1869)  
**Goniatium rubellum** (Blackwall, 1841)  
**Goniatium rubens** (Blackwall, 1833)  
**Gongyliellum latebricola** (O. Pickard-Cambridge, 1871)  
**Gongyliellum murcidum** Simon, 1884  
**Gongylium rufipes** (Linnaeus, 1758)  
**Halorates reprobus** (O. Pickard-Cambridge, 1879)  
**Hilaira excisa** (O. Pickard-Cambridge, 1871)  
**Hylyphantes graminicola** (Sundevall, 1830)  
**Hypomma cornutum** (Blackwall, 1833)  
**Improphantes decolor** (Westring, 1861)  
**Improphantes improbulus** (Simon, 1929)  
**Incestophantes annulatus** (Kulczyński, 1882)  
**Incestophantes crucifer** (Menge, 1866)  
**Ipa keyserlingi** (Ausserer, 1867)  
**Ipa terrenus** (L. Koch, 1879)  
**Kratochviliella bicapitata** Miller, 1938  
**Labulla thoracica** (Wider, 1834)  
**Lasiargus hirsutus** (Menge, 1869)  
**Lepthyphantes centromeroides** Kulczyński, 1914  
**Lepthyphantes leprosus** (Ohlert, 1865)  
**Lepthyphantes notabilis** Kulczyński, 1887  
**Leptorhoptrum robustum** (Westring, 1851)  
**Leptothrix hardyi** (Blackwall, 1850)  
**Lessertia denticelis** (Simon, 1884)  
**Linyphia hortensis** Sundevall, 1830  
**Linyphia triangularis** (Clerck, 1757)  
**Macrargus carpenteri** (O. Pickard-Cambridge, 1894)  
**Macrargus rufus** (Wider, 1834)  
**Mansuphantes mansuetus** (Thorell, 1875)  
**Mansuphantes prope fragilis** (Thorell, 1875)  
**Mansuphantes rectilamellus** (Deltchev, 1988) [described from Bulgaria]  
**Maso gallicus** Simon, 1894  
**Maso sundevalli** (Westring, 1851)  
**Mecopisthes peusi** Wunderlich, 1972  
**Mecynargus paetulus** (O. Pickard-Cambridge, 1875)  
**Megalepthyphantes collinus** (L. Koch, 1872)  
**Megalepthyphantes nebulosus** (Sundevall, 1830)  
**Metopobactrus orbelicus** Deltchev, 1985 [described from Bulgaria]  
**Micrargus apertus** (O. Pickard-Cambridge, 1871)  
**Micrargus herbigradus** (Blackwall, 1854)  
**Micrargus subaequalis** (Westring, 1851)  
**Microctenonyx subitaneus** (O. Pickard-Cambridge, 1875)  
**Microlinyphia pusilla** (Sundevall, 1830)  
**Microneta viaria** (Blackwall, 1841)  
**Minyriolus pusillus** (Wider, 1834)  
**Moebelia penicillata** (Westring, 1851)  
**Mughiphantes lithoclasticola** (Deltchev, 1983) [described from Bulgaria]  
**Mughiphantes pulcher** (Kulczyński, 1881)  
**Nematogmus sanguinolentus** (Walckenaer, 1842)  
**Neriere clathrata** (Sundevall, 1830)  
**Neriere emphana** (Walckenaer, 1842)  
**Neriere furtiva** (O. Pickard-Cambridge, 1871)  
**Neriere montana** (Clerck, 1757)  
**Neriere peltata** (Wider, 1834)  
**Neriere radiata** (Walckenaer, 1842)  
**Nusoncus nasutus** Schenkel 1925  
**Obscuriphantes obscurus** (Blackwall, 1841)  
**Oedothorax agrestis** (Blackwall, 1853)  
**Oedothorax apicatus** (Blackwall, 1850)  
**Oedothorax fuscus** (Blackwall, 1834)  
**Oedothorax gibbifer** (Kulczyński, 1882)  
**Oedothorax gibbosus** (Blackwall, 1841)  
**Oedothorax retusus** (Westring, 1851)  
**Oreoneta montigena** (L. Koch, 1872)  
**Oreonetides glacialis** (L. Koch, 1872)  
**Ostearius melanopygius** (O. Pickard-Cambridge, 1879)  
**Palliduphantes alutacius** (Simon, 1884)  
**Palliduphantes byzantinus** (Fage, 1931)  
**Palliduphantes insignis** (O. Pickard-Cambridge, 1913)  
**Palliduphantes istrianus** (Kulczyński, 1914)  
**Palliduphantes pallidus** (O. Pickard-Cambridge, 1871)  
**Palliduphantes pillichi** (Kulczyński, 1915)  
**Palliduphantes spelaeorum** (Kulczyński, 1914)  
**Palliduphantes trnovensis** (Drensky, 1931) [described from Bulgaria]  
**Panamomops inconspicuus** (Miller & Valesova, 1964)  
**Panamomops sulcifrons** (Wider, 1834)  
**Pelecopsis elongata** (Wider, 1834)  
**Pelecopsis mengei** (Simon, 1884)  
**Pelecopsis parallela** (Wider, 1834)  
**Pelecopsis radicolica** (L. Koch, 1872)  
**Piniphantes pinicola** (Simon, 1884)  
**Pityohyphantes phrygianus** (C. L. Koch, 1836)  
**Pocadicnemis juncea** Locket & Millidge, 1953  
**Pocadicnemis pumila** (Blackwall, 1841)  
**Poecilometopon variegata** (Blackwall, 1841)  
**Porrhomma convexum** (Westring, 1851)  
**Porrhomma microphthalmum** (O. Pickard-Cambridge, 1871)  
**Porrhomma microps** (Roewer, 1931)  
**Porrhomma pygmaeum** (Blackwall, 1834)  
**Prinerigone vagans** (Audouin, 1826)  
**Saaristoa abnormis** (Blackwall, 1841)  
**Sauron rayi** (Simon, 1881)  
**Scotargus pilosus** Simon, 1913  
**Scotinotylus alpigena** (L. Koch, 1869)  
**Scutpelecopsis krausi** (Wunderlich, 1980)  
**Silometopus bonessi** Casemir, 1970  
**Silometopus reussi** (Thorell, 1871)

*Sintula retroversus* (O. Pickard-Cambridge, 1875)  
*Sintula spiniger* (Balogh, 1935)  
*Stemonyphantes lineatus* (Linnaeus, 1758)  
*Styloctetor romanus* (O. Pickard-Cambridge, 1872)  
*Syedra gracilis* (Menge, 1869)  
*Tallusia experta* (O. Pickard-Cambridge, 1871)  
*Tallusia vindobonensis* (Kulczyński, 1898)  
*Tapinocyba biscissa* (O. Pickard-Cambridge, 1872)  
*Tapinocyba insecta* (L. Koch, 1869)  
*Tapinocyba mitis* (O. Pickard-Cambridge, 1882)  
*Tapinocyba pallens* (O. Pickard-Cambridge, 1872)  
*Tapinopa longidens* (Wider, 1834)  
*Tenuiphantes alacris* (Blackwall, 1853)  
*Tenuiphantes cristatus* (Menge, 1866)  
*Tenuiphantes drenskyi* (van Helsdingen, 1977) [described from Bulgaria]  
*Tenuiphantes flavipes* (Blackwall, 1854)  
*Tenuiphantes floriana* (van Helsdingen, 1977)  
*Tenuiphantes jacksoni* (Schenkel, 1925)  
*Tenuiphantes jacksonoides* (van Helsdingen, 1977)  
*Tenuiphantes mengei* (Kulczyński, 1887)  
*Tenuiphantes tenebricola* (Wider, 1834)  
*Tenuiphantes tenuis* (Blackwall, 1852)  
*Tenuiphantes zimmermanni* (Bertkau, 1890)  
*Theonina kratochvili* Miller & Weiss, 1979  
*Thyreosthenius biovatus* (O. Pickard-Cambridge, 1875)  
*Thyreosthenius parasiticus* (Westring, 1851)  
*Tiso aestivus* (L. Koch, 1872)  
*Tiso vagans* (Blackwall, 1834)  
*Trichoncoides piscator* (Simon, 1884)  
*Trichoncus affinis* Kulczyński, 1894  
*Trichoncus auritus* (L. Koch, 1869)  
*Trichoncus hackmani* Millidge, 1956  
*Trichoncus saxicola* (O. Pickard-Cambridge, 1861)  
*Trichoncyboides simoni* (Lessert, 1904)  
*Trichopterna cito* (O. Pickard-Cambridge, 1872)  
*Troglohyphantes bureschianus* Deltshv, 1975 [described from Bulgaria]  
*Troglohyphantes drenskii* Deltshv, 1973 [described from Bulgaria]  
*Troxochrus cirrifrons* (O. Pickard-Cambridge, 1871)  
*Troxochrus scabriculus* (Westring, 1851)  
*Typhochrestus digitatus* (O. Pickard-Cambridge, 1872)  
*Walckenaeria acuminata* Blackwall, 1833  
*Walckenaeria alticeps* (Denis, 1952)  
*Walckenaeria antica* (Wider, 1834)  
*Walckenaeria capito* (Westring, 1861)  
*Walckenaeria corniculans* (O. Pickard-Cambridge, 1875)  
*Walckenaeria cucullata* (C. L. Koch, 1836)  
*Walckenaeria dysderoides* (Wider, 1834)  
*Walckenaeria furcillata* (Menge, 1869)  
*Walckenaeria kochi* (O. Pickard-Cambridge, 1872)  
*Walckenaeria mitrata* (Menge, 1868)  
*Walckenaeria monoceros* (Wider, 1834)  
*Walckenaeria nudipalpis* (Westring, 1851)  
*Walckenaeria obtusa* Blackwall, 1836  
*Walckenaeria simplex* Chyzer, 1894  
*Walckenaeria stylifrons* (O. Pickard-Cambridge, 1875)  
*Walckenaeria vigilax* (Blackwall, 1853)  
*Walckenaerianus esyunini* Tanasevitch, 2004

#### Family Liocranidae

*Agraecina lineata* (Simon, 1878)  
*Agroeca brunnea* (Blackwall, 1833)  
*Agroeca cuprea* Menge, 1873  
*Agroeca lusatica* (L. Koch, 1875)  
*Agroeca proxima* (O. Pickard-Cambridge, 1871)  
*Apostenus fuscus* Westring, 1851  
*Liocranoeca striata* (Kulczyński, 1882)  
*Liocranum rupicola* (Walckenaer, 1830)  
*Mesiotelus annulipes* (Kulczyński, 1897)  
*Mesiotelus scopensis* Drensky, 1935  
*Mesiotelus tenuissimus* (L. Koch, 1866)  
*Sagana rutilans* Thorell, 1875  
*Scotina celans* (Blackwall, 1841)

#### Family Lycosidae

*Alopecosa aculeata* (Clerck, 1757)  
*Alopecosa albofasciata* (Brullé, 1832)  
*Alopecosa cuneata* (Clerck, 1757)  
*Alopecosa cursor* (Hahn, 1831)  
*Alopecosa etrusca* Lugetti & Tongiorgi, 1969  
*Alopecosa fabrilis* (Clerck, 1757)  
*Alopecosa farinosa* (Herman, 1879)  
*Alopecosa inquilina* (Clerck, 1757)  
*Alopecosa pentheri* (Nosek, 1905)  
*Alopecosa pinetorum* (Thorell, 1856)  
*Alopecosa pulverulenta* (Clerck, 1757)  
*Alopecosa schmidti* (Hahn, 1835)  
*Alopecosa solitaria* (Herman, 1879)  
*Alopecosa striatipes* (C. L. Koch, 1839)  
*Alopecosa sulzeri* (Pavesi, 1873)  
*Alopecosa taeniata* (C. L. Koch, 1835)  
*Alopecosa taeniopus* (Kulczyński, 1895)  
*Alopecosa trabalis* (Clerck, 1757)  
*Arctosa cinerea* (Fabricius, 1777)  
*Arctosa figurata* (Simon, 1876)  
*Arctosa leopardus* (Sundevall, 1833)  
*Arctosa lutetiana* (Simon, 1876)  
*Arctosa maculata* (Hahn, 1822)  
*Arctosa perita* (Latreille, 1799)

*Arctosa stigmosa* (Thorell, 1875)  
*Arctosa tbilisiensis* Mcheidze, 1946  
*Arctosa variana* C. L. Koch, 1847  
*Aulonia albimana* (Walckenaer, 1805)  
*Geolycosa vultuosa* (C. L. Koch, 1838)  
*Hogna radiata* (Latreille, 1817)  
*Lycosa praegrans* C. L. Koch, 1836  
*Lycosa singoriensis* (Laxmann, 1770)  
*Pardosa agrestis* (Westring, 1861)  
*Pardosa agricola* (Thorell, 1856)  
*Pardosa alacris* (C. L. Koch, 1833)  
*Pardosa albatula* (Roewer, 1951)  
*Pardosa amentata* (Clerck, 1757)  
*Pardosa atomaria* (C. L. Koch, 1847)  
*Pardosa bifasciata* (C. L. Koch, 1834)  
*Pardosa blanda* (C. L. Koch, 1833)  
*Pardosa consimilis* Nosek, 1905  
*Pardosa cribrata* Simon, 1876  
*Pardosa drenskii* Buchar, 1968  
*Pardosa ferruginea* (L. Koch, 1870)  
*Pardosa hortensis* (Thorell, 1872)  
*Pardosa incerta* Nosek, 1905  
*Pardosa italica* Tongiorgi, 1966  
*Pardosa luctinosa* Simon, 1876  
*Pardosa lugubris* (Walckenaer, 1802)  
*Pardosa mixta* (Kulczyński, 1887)  
*Pardosa monticola* (Clerck, 1757)  
*Pardosa morosa* (L. Koch, 1870)  
*Pardosa nebulosa* (Thorell, 1872)  
*Pardosa nigra* (C. L. Koch, 1834)  
*Pardosa nigriceps* (Thorell, 1856)  
*Pardosa paludicola* (Clerck, 1757)  
*Pardosa palustris* (Linnaeus, 1758)  
*Pardosa pontica* (Thorell, 1875)  
*Pardosa prativaga* (L. Koch, 1870)  
*Pardosa proxima* (C. L. Koch, 1847)  
*Pardosa pullata* (Clerck, 1757)  
*Pardosa riparia* (C. L. Koch, 1833)  
*Pardosa roscai* (Roewer, 1951)  
*Pardosa tasevi* Buchar, 1968  
*Pardosa tatarica* (Thorell, 1875)  
*Pardosa vittata* (Keyserling, 1863)  
*Pirata piraticus* (Clerck, 1757)  
*Pirata piscatorius* (Clerck, 1757)  
*Pirata tenuitarsis* Simon, 1876  
*Piratula hygrophila* (Thorell, 1872)  
*Piratula insularis* (Emerton, 1885)  
*Piratula knorri* (Scopoli, 1763)  
*Piratula latitans* (Blackwall, 1841)  
*Trabea paradoxa* Simon, 1876  
*Trochosa hispanica* Simon, 1870  
*Trochosa robusta* (Simon, 1876)  
*Trochosa ruricola* (De Geer, 1778)  
*Trochosa terricola* Thorell, 1856  
*Xerolycosa miniata* (C. L. Koch, 1834)  
*Xerolycosa nemoralis* (Westring, 1861)

#### Family Mimetidae

*Ero aphana* (Walckenaer, 1802)  
*Ero cambridgei* Kulczyński, 1911  
*Ero furcata* (Villers, 1789)  
*Ero tuberculata* (De Geer, 1778)  
*Mimetes laevigatus* (Keyserling, 1863)

#### Family Miturgidae

*Zora armillata* Simon, 1878  
*Zora manicata* Simon, 1878  
*Zora nemoralis* (Blackwall, 1861)  
*Zora parallela* Simon, 1878  
*Zora pardalis* Simon, 1878  
*Zora silvestris* Kulczyński, 1897  
*Zora spinimana* (Sundevall, 1833)

#### Family Mysmenidae

*Microdipoena jobi* (Kraus, 1967)

#### Family Nemesiidae

*Brachythele denieri* (Simon, 1916)  
*Brachythele langourovii* Lazarov, 2005 [described from Bulgaria]  
*Nemesia caementaria* (Latreille, 1799)  
*Nemesia coheni* Fuhn & Polnec, 1967

#### Family Nesticidae

*Kryptonesticus beroni* Deltchev, 1977 [described from Bulgaria]  
*Kryptonesticus eremita* Simon, 1879  
*Nesticus cellulanus* (Clerck, 1757)

#### Family Oecobiidae

*Oecobius maculatus* Simon, 1870  
*Uroctea durandi* (Latreille, 1809)

#### Family Oonopidae

*Oonops pulcher* Templeton, 1835  
*Orchestina pavesii* (Simon, 1873)

*Silhouettella loricatula* (Roewer, 1942)  
*Tapinesthis inermis* (Simon, 1882)

#### Family Oxyopidae

*Oxyopes heterophthalmus* (Latreille, 1804)  
*Oxyopes lineatus* Latreille, 1806  
*Oxyopes ramosus* (Martini & Goeze, 1778)

#### Family Philodromidae

*Philodromus albidus* Kulczyński, 1911  
*Philodromus aureolus* (Clerck, 1757)  
*Philodromus buxi* Simon, 1884  
*Philodromus cespitum* (Walckenaer, 1802)  
*Philodromus collinus* C. L. Koch, 1835  
*Philodromus dispar* Walckenaer, 1826  
*Philodromus emarginatus* (Schrank, 1803)  
*Philodromus fuscomarginatus* (De Geer, 1778)  
*Philodromus longipalpis* Simon, 1870  
*Philodromus margaritatus* (Clerck, 1757)  
*Philodromus marmoratus* Kulczyński, 1891  
*Philodromus monitae* Muster, 2010  
*Philodromus pinetorum* Muster, 2009  
*Philodromus poecilus* (Thorell, 1872)  
*Philodromus praedatus* O. Pickard-Cambridge, 1871  
*Philodromus rufus* Walckenaer, 1826  
*Philodromus vagulus* Simon, 1875  
*Pulchellodromus glaucinus* (Simon, 1870)  
*Rhysodromus fallax* Sundevall, 1833  
*Rhysodromus histrio* (Latreille, 1819)  
*Thanatus arenarius* L. Koch, 1872  
*Thanatus atratus* Simon, 1875  
*Thanatus flavidus* Simon, 1875  
*Thanatus formicinus* (Clerck, 1757)  
*Thanatus imbecillus* L. Koch, 1878  
*Thanatus lineatipes* Simon, 1870  
*Thanatus meronensis* Levy, 1977  
*Thanatus oblongisculus* (Lucas, 1846)  
*Thanatus pictus* L. Koch, 1881  
*Thanatus sabulosus* (Menge, 1875)  
*Thanatus striatus* C. L. Koch, 1845  
*Thanatus vulgaris* Simon, 1870  
*Thanatus vulgaris creticus* Kulczyński, 1903  
*Tibellus macellus* Simon, 1875  
*Tibellus maritimus* (Menge, 1875)  
*Tibellus oblongus* (Walckenaer, 1802)

#### Family Pholcidae

*Holocnemus pluchei* (Scopoli, 1763)  
*Hoplopholcus forskali* (Thorell, 1871)  
*Pholcus opilionoides* (Schrank, 1781)  
*Pholcus phalangioides* (Fuesslin, 1775)  
*Pholcus ponticus* Thorell, 1875  
*Psilochorus simoni* (Berland, 1911)  
*Spermophora senoculata* (Dugès, 1836)

#### Family Phrurolithidae

*Phrurolithus festivus* (C. L. Koch, 1835)  
*Phrurolithus pullatus* Kulczyński, 1897  
*Phrurolithus szilyi* Herman, 1879

#### Family Pisauridae

*Dolomedes plantarius* (Clerck, 1757)  
*Pisaura mirabilis* (Clerck, 1757)  
*Pisaura novicia* (L. Koch, 1878)

#### Family Salticidae

*Aelurillus deltshevi* Azarkina & Komnenov, 2015 [described from Bulgaria]  
*Aelurillus v-insignitus* (Clerck, 1757)  
*Asianellus festivus* (C. L. Koch, 1834)  
 • *Attulus damini* (Chyzer, 1891)  
*Attulus distinguendus* (Simon, 1868)  
*Attulus penicillatus* (Simon, 1875)  
*Attulus saltator* (O. Pickard-Cambridge, 1868)  
*Ballus chalybeius* (Walckenaer, 1802)  
*Carrhotus xanthogramma* (Latreille, 1819)  
*Chalcoscirtus infimus* (Simon, 1868)  
*Chalcoscirtus nigrinus* (Thorell, 1875)  
*Chalcoscirtus pseudoinfimus* Ovtsharenko, 1978  
*Cyrrba algerina* (Lucas, 1846)  
*Dendryphantes hastatus* (Clerck, 1757)  
*Dendryphantes rudis* (Sundevall, 1833)  
*Euophrys frontalis* (Walckenaer, 1802)  
*Euophrys herbigrada* (Simon, 1871)  
*Euophrys petrensis* C. L. Koch, 1837  
*Euophrys rufibarbis* (Simon, 1868)  
*Evarcha arcuata* (Clerck, 1757)  
*Evarcha falcata* (Clerck, 1757)  
*Evarcha jucunda* (Lucas, 1846)  
*Evarcha laetabunda* (C. L. Koch, 1846)  
*Heliophanus aeneus* (Hahn, 1832)  
*Heliophanus auratus* C. L. Koch, 1835  
*Heliophanus cupreus* (Walckenaer, 1802)  
 • *Heliophanus dampfi* Schenkel, 1923  
*Heliophanus dubius* C. L. Koch, 1835  
*Heliophanus flavipes* (Hahn, 1832)

*Heliophanus kochii* Simon, 1868  
*Heliophanus lineiventris* Simon, 1868  
*Heliophanus melinus* L. Koch, 1867  
*Heliophanus patagiatus* Thorell, 1875  
*Heliophanus rufithorax* Simon, 1868  
*Heliophanus simplex* Simon, 1868  
*Heliophanus tribulosus* Simon, 1868  
*Leptorchestes berolinensis* (C. L. Koch, 1846)  
*Leptorchestes mutilloides* (Lucas, 1846)  
*Macaroeris flavicomis* (Simon, 1884)  
*Macaroeris nidicolens* (Walckenaer, 1802)  
*Marpissa muscosa* (Clerck, 1757)  
*Marpissa nivoyi* (Lucas, 1846)  
*Marpissa pomatia* (Walckenaer, 1802)  
*Marpissa radiata* (Grube, 1859)  
*Mendoza canestrinii* (Ninni, 1868)  
*Menemerus falsificus* Simon, 1868  
*Menemerus semilimbatus* (Hahn, 1829)  
*Menemerus taeniatus* (L. Koch, 1867)  
*Mogrus neglectus* (Simon, 1868)  
*Myrmarachne formicaria* (De Geer, 1778)  
*Neon levis* (Simon, 1871)  
*Neon pictus* Kulczyński, 1891  
*Neon rayi* (Simon, 1875)  
*Neon reticulatus* (Blackwall, 1853)  
*Pellenes arciger* (Walckenaer, 1837)  
*Pellenes diagonalis* (Simon, 1868)  
*Pellenes geniculatus* (Simon, 1868)  
*Pellenes nigrociatus* (Simon, 1875)  
*Pellenes seriatus* (Thorell, 1875)  
*Pellenes tripunctatus* (Walckenaer, 1802)  
*Philaeus chrysops* (Poda, 1761)  
*Phintella castriesiana* (Grube, 1861)  
*Phlegra bresnieri* (Lucas, 1846)  
*Phlegra fasciata* (Hahn, 1826)  
*Pseudeuophrys erratica* (Walckenaer, 1826)  
*Pseudeuophrys lanigera* (Simon, 1871)  
*Pseudeuophrys obsoleta* (Simon, 1868)  
*Pseudicius badius* (Simon, 1868)  
*Pseudicius encarpatus* (Walckenaer, 1802)  
*Pseudicius kulczynskii* Nosek, 1905  
*Pseudicius picaceus* (Simon, 1868)  
*Saitis barbipes* (Simon, 1868)  
*Saitis graecus* Kulczyński, 1905  
*Saitis tauricus* Kulczyński, 1905  
*Salticus cingulatus* (Panzer, 1797)  
*Salticus confusus* Lucas, 1846  
*Salticus mutabilis* Lucas, 1846  
*Salticus scenicus* (Clerck, 1757)  
*Salticus zebraneus* (C. L. Koch, 1837)  
*Sibianor aurocinctus* (Ohlert, 1865)  
*Sitticus terebratus* (Clerck, 1757)  
*Sittiflor atricapillus* (Simon, 1882)  
*Sittiflor floricola* (C. L. Koch, 1837)  
*Sittiflor inexpectus* Logunov & Kronstedt, 1997  
*Sittiflor rupicola* (C. L. Koch, 1837)  
*Sittipub pubescens* (Fabricius, 1775)  
*Sittisax dzieduszyckii* (L. Koch, 1870)  
*Sittisax saxicola* (C. L. Koch, 1846)  
*Synageles dalmaticus* (Keyserling, 1863)  
*Synageles hilarulus* (C. L. Koch, 1846)  
*Synageles venator* (Lucas, 1836)  
*Talavera aequipes* (O. Pickard-Cambridge, 1871)  
*Talavera monticola* (Kulczyński, 1884)  
*Yllenus arenarius* Menge, 1868  
*Yllenus horvathi* Chyzer, 1891

#### Family Scytodidae

*Scytodes thoracica* (Latreille, 1802)

#### Family Segestriidae

*Segestria bavarica* C. L. Koch, 1843  
*Segestria florentina* (Rossi, 1790)  
*Segestria senoculata* (Linnaeus, 1758)

#### Family Sparassidae

*Micrommata ligurina* (C. L. Koch, 1845)  
*Micrommata virescens* (Clerck, 1757)  
*Olios argelasius* (Walckenaer, 1805)

#### Family Synsphyridae

*Synsphyris lehtineni* Marusik, Gnelitsa & Kovblyuk, 2005

#### Family Tetragnathidae

*Meta bourneti* Simon, 1922  
*Meta menardi* (Latreille, 1804)  
*Metellina mengei* (Blackwall, 1870)  
*Metellina merianae* (Scopoli, 1763)  
*Metellina segmentata* (Clerck, 1757)  
*Pachygnatha clercki* Sundevall, 1823  
*Pachygnatha clerckoides* Wunderlich, 1985  
*Pachygnatha degeeri* Sundevall, 1830  
*Pachygnatha listeri* Sundevall, 1830  
*Tetragnatha dearmata* Thorell, 1873  
*Tetragnatha extensa* (Linnaeus, 1758)

*Tetragnatha montana* Simon, 1874  
*Tetragnatha nigrita* Lendl, 1886  
*Tetragnatha nitens* (Audouin, 1826)  
*Tetragnatha obtusa* C. L. Koch, 1837  
*Tetragnatha pinicola* L. Koch, 1870  
*Tetragnatha reimoseri* (Rosca, 1939) [described from Bulgaria]  
*Tetragnatha striata* L. Koch, 1862

#### Family Theridiidae

*Anelosimus vittatus* (C. L. Koch, 1836)  
*Asagena meridionalis* Kulczyński, 1894  
*Asagena phalerata* (Panzer, 1801)  
*Crustulina guttata* (Wider, 1834)  
*Crustulina scabripes* Simon, 1881  
*Crustulina sticta* (O. Pickard-Cambridge, 1861)  
*Dipoena braccata* (C. L. Koch, 1841)  
*Dipoena croatica* (Chyzer, 1894)  
*Dipoena erythropus* Simon (1881)  
*Dipoena melanogaster* (C. L. Koch, 1837)  
*Dipoena nigroreticulata* (Simon, 1879)  
*Dipoena torva* (Thorell, 1875)  
*Enoplognatha afrodite* Hippa & Oksala, 1983  
*Enoplognatha latimana* Hippa & Oksala, 1982  
*Enoplognatha mandibularis* (Lucas, 1846)  
*Enoplognatha mordax* (Thorell, 1875)  
*Enoplognatha oelandica* (Thorell, 1875)  
*Enoplognatha ovata* (Clerck, 1757)  
*Enoplognatha penelope* Hippa & Oksala, 1982  
*Enoplognatha quadripunctata* Simon, 1884  
*Enoplognatha thoracica* (Hahn, 1833)  
*Episinus angulatus* (Blackwall, 1836)  
*Episinus maculipes* Cavanna, 1876  
*Episinus truncatus* Latreille, 1809  
*Euryopsis episinoides* (Walckenaer, 1847)  
*Euryopsis flavomaculata* (C. L. Koch, 1836)  
*Euryopsis laeta* (Westring, 1861)  
*Euryopsis quinqueguttata* Thorell, 1875  
• *Euryopsis saukea* Levi, 1951  
*Euryopsis sexalbomaculata* (Lucas, 1846)  
*Heterotheridion nigrovariegatum* (Simon, 1873)  
*Kochiura aulica* (C. L. Koch, 1838)  
*Lasaeola convexa* (Blackwall, 1870)  
*Lasaeola coracina* (C. L. Koch, 1837)  
*Lasaeola prona* (Menge, 1868)  
*Lasaeola tristis* (Hahn, 1833)  
*Latrodectus tredecimguttatus* (Rossi, 1790)  
*Neottiura bimaculata* (Linnaeus, 1767)  
*Neottiura herbigrada* (Simon, 1873)  
*Neottiura suaveolens* (Simon, 1879)  
*Neottiura uncinata* (Lucas, 1846)  
*Ohlertidion ohlerti* (Thorell, 1870)  
*Paidiscura pallens* (Blackwall, 1834)  
*Parasteatoda lunata* (Clerck, 1757)  
*Parasteatoda simulans* (Thorell, 1875)  
*Parasteatoda tabulata* (Levi, 1980)  
*Parasteatoda tepidariorum* (C. L. Koch, 1841)  
*Pholcomma gibbum* (Westring, 1851)  
*Phycosoma inornatum* (O. Pickard-Cambridge, 1861)  
*Phylloneta impressa* (L. Koch, 1881)  
*Phylloneta sisyphia* (Clerck, 1757)  
*Platnickina tincta* (Walckenaer, 1802)  
*Robertus arundineti* (O. Pickard-Cambridge, 1871)  
*Robertus frivaldszkyi* (Chyzer, 1894)  
*Robertus lividus* (Blackwall, 1836)  
*Robertus mediterraneus* Eskov, 1987  
*Robertus neglectus* (O. Pickard-Cambridge, 1871)  
*Robertus scoticus* Jackson, 1914  
*Rugathodes bellicosus* (Simon, 1873)  
*Sardinidion blackwalli* O. Pickard-Cambridge, 1871  
*Simitidion simile* (C. L. Koch, 1836)  
*Steatoda albomaculata* (De Geer, 1778)  
*Steatoda bipunctata* (Linnaeus, 1758)  
*Steatoda castanea* (Clerck, 1757)  
*Steatoda grossa* (C. L. Koch, 1838)  
*Steatoda paykulliana* (Walckenaer, 1805)  
*Steatoda triangulosa* (Walckenaer, 1802)  
*Theridion adrianopoli* Drensky, 1915 [described from Bulgaria]  
*Theridion betteni* Wiehle, 1960  
*Theridion boesenbergi* Strand, 1904  
*Theridion cinereum* Thorell, 1875  
*Theridion hemerobium* Simon, 1914  
*Theridion melanurum* Hahn, 1831  
*Theridion mystaceum* L. Koch, 1870  
*Theridion petraeum* L. Koch, 1872  
*Theridion pictum* (Walckenaer, 1802)  
*Theridion pinastri* L. Koch, 1872  
*Theridion varians* Hahn, 1833

#### Family Theridiosomatidae

*Theridiosoma gemmosum* (L. Koch, 1877)

#### Family Thomisidae

*Coriarachne depressa* (C. L. Koch, 1837)  
*Cozyptila blackwalli* (Simon, 1875)  
*Cozyptila thaleri* Marusik & Kovblyuk, 2005  
*Diaea dorsata* (Fabricius, 1777)  
*Diaea livens* Simon, 1876

*Ebrechtella tricuspidata* (Fabricius, 1775)  
*Heriaeus graminicola* (Doleschall, 1852)  
*Heriaeus hirtus* (Latreille, 1819)  
*Heriaeus oblongus* Simon, 1918  
*Heriaeus setiger* (O. Pickard-Cambridge, 1872)  
*Heriaeus simoni* Kulczyński, 1903  
*Misumena vatia* (Clerck, 1757)  
*Monaeses paradoxus* (Lucas, 1846)  
*Ozyptila atomaria* (Panzer, 1801)  
*Ozyptila balcanica* Deltchev, Blagoev, Komnenov & Lazarov, 2016 [described from Bulgaria]  
*Ozyptila brevipes* (Hahn, 1826)  
*Ozyptila claveata* (Walckenaer, 1837)  
*Ozyptila confluens* (C. L. Koch, 1845)  
*Ozyptila conostyla* Hippa, Koponen & Oksala, 1986  
*Ozyptila gertschi* Kurata, 1944  
*Ozyptila lugubris* (Kroneberg, 1875)  
*Ozyptila praticola* (C. L. Koch, 1837)  
*Ozyptila pullata* (Thorell, 1875)  
*Ozyptila rauda* Simon, 1875  
*Ozyptila sanctuaria* (O. Pickard-Cambridge, 1871)  
*Ozyptila scabricula* (Westring, 1851)  
*Ozyptila simplex* (O. Pickard-Cambridge, 1862)  
*Ozyptila trux* (Blackwall, 1846)  
*Pistius truncatus* (Pallas, 1772)  
*Runcinia grammica* (C. L. Koch, 1837)  
*Synema globosum* (Fabricius, 1775)  
*Synema plorator* (O. Pickard-Cambridge, 1872)  
*Thomisus onustus* Walckenaer, 1805  
*Tmarus piger* (Walckenaer, 1802)  
*Tmarus piochardi* (Simon, 1866)  
 • *Tmarus stellio* Simon, 1875  
*Xysticus abditus* Logunov, 2006 [described from Bulgaria]  
*Xysticus acerbus* Thorell, 1872  
*Xysticus audax* (Schrank, 1803)  
*Xysticus bifasciatus* C. L. Koch, 1837  
*Xysticus bonneti* Denis, 1938  
*Xysticus caperatus* Simon, 1875  
*Xysticus cor* Canestrini, 1873  
*Xysticus cristatus* (Clerck, 1757)  
*Xysticus desidiosus* Simon, 1875  
*Xysticus erraticus* (Blackwall, 1834)  
*Xysticus gallicus* Simon, 1875  
*Xysticus graecus* C. L. Koch, 1837  
*Xysticus kempeleni* Thorell, 1872  
*Xysticus kochi* Thorell, 1872  
*Xysticus laetus* Thorell, 1875  
*Xysticus lanio* C. L. Koch, 1835  
*Xysticus lineatus* (Westring, 1851)  
*Xysticus luctator* L. Koch, 1870  
*Xysticus luctuosus* (Blackwall, 1836)  
*Xysticus macedonicus* Silhavy, 1944  
*Xysticus marmoratus* Thorell, 1875  
*Xysticus ninnii* Thorell, 1872  
*Xysticus nubilus* Simon, 1875  
*Xysticus robustus* (Hahn, 1832)  
*Xysticus sabulosus* (Hahn, 1832)  
*Xysticus striatipes* L. Koch, 1870  
*Xysticus tenebrosus* Silhavy, 1944  
*Xysticus ulmi* (Hahn, 1831)

#### Family Titanoecidae

*Nurscia albomaculata* (Lucas, 1846)  
*Nurscia albosignata* Simon, 1874  
*Titanoeca incerta* (Nosek, 1905)  
*Titanoeca quadriguttata* (Hahn, 1833)  
*Titanoeca schineri* L. Koch, 1872  
*Titanoeca tristis* L. Koch, 1872  
*Titanoeca veteranica* Herman, 1879

#### Family Trachelidae

*Cetonana laticeps* (Canestrini, 1868)  
*Metatrachelas rayi* (Simon, 1878)  
*Paratrachelas maculatus* (Thorell, 1875)

#### Family Uloboridae

*Hyptiotes flavidus* (Blackwall, 1862)  
*Hyptiotes paradoxus* (C. L. Koch, 1834)  
*Uloborus plumipes* Lucas, 1846  
*Uloborus walckenaerius* Latreille, 1806

#### Family Zodariidae

*Zodarion aculeatum* Chyzer, 1897  
*Zodarion blagoevi* Bosmans, 2009 [described from Bulgaria]  
*Zodarion epirense* Brignoli, 1984  
*Zodarion frenatum* Simon, 1884  
*Zodarion graecum* (C. L. Koch, 1843)  
*Zodarion hauseri* Brignoli, 1984  
*Zodarion italicum* (Canestrini, 1868)  
*Zodarion morosum* Denis, 1935  
*Zodarion ohridense* Wunderlich, 1973  
*Zodarion pirini* Drensky, 1921 [described from Bulgaria]  
*Zodarion thoni* Nosek, 1905  
*Zodarion turcicum* Wunderlich, 1980

#### Family Zoropsidae

*Zoropsis lutea* (Thorell, 1875)  
*Zoropsis spinimana* (Dufour, 1820)

## References

- Antov A., Lazarov S., Deltshv C., Blagoev G. 2004. Spiders from the Sofia Region. A Faunistic and Zoogeographical Analysis. — In: L. Penev, J. Niemelä, D. J. Kotze et N. Chipev (Eds.), Ecology of the City of Sofia. Species and Communities in an Urban Environment. Pensoft Publishers, Sofia-Moscow, pp. 355-363.
- Atanassov N. 1936. Die Höhlen 'Maasite' beim Dorfe Bela, Sliven Bezirk. — Mitteilungen der Bulgarischen Speläologischen Gesellschaft in Sofia, 1: 75-88. (In Bulgarian)
- Atanassov N., Stefanov A. 1954. Die Höhle 'Seeva Dupka' bei der Ortschaft Malka Brestnitsa, Kreisbezirk Teteven, in Hinblick aus das Karstgebiet zwischen den Flüssen Vit und Slatna-Panega. — Bulletin de l'Institut de Zoologie et Musée, Sofia, 1: 234-275. (In Bulgarian)
- Azarkina G. N., Komnenov M. 2015. Descriptions of two new species of Aelurillus Simon, 1884 (Araneae, Salticidae) from the Mediterranean, with the synonymization of *A. stellosi* Dobroruka, 2002. — ZooKeys, 516: 109-122.
- Beron P. 1969. Sur les éléments boréo-alpins de la faune bulgare. — Bulletin de l'Institut de Zoologie et Musée, Sofia, 30: 115-132.
- Beron P. 1972. Essai sur la faune cavernicole de Bulgarie. III. Résultats des recherches biospéléologiques de 1966 à 1970. — International Journal of Speleology, 4: 285-349.
- Beron P. 1978. Aperçu la composition, l'origine et la formation de la faune cavernicole de la Stara planina occidentale (Bulgarie). — International Journal of Speleology, 9: 197-220.
- Beron P. 1994. Résultat des recherches biospéléologiques en Bulgarie de 1971 à 1994 et liste des animaux cavernicoles Bulgares. — Tranteeva, Sofia, 1: 1-137.
- Beron P. 1999. Biodiversity of the high mountain terrestrial fauna in Bulgaria. — *Historia naturalis bulgarica*, 10: 13-33.
- Beron P. 2015. Cave fauna of Bulgaria. — East-West Publishing, Sofia. 436 pp.
- Blagoev G. 1999. Study of Wolf Spiders (Araneae: Lycosidae) in Shar Planina Mountain, Macedonia. — 1st Congress of Ecologists of the Republic Macedonia with International Participation. Proceedings. 20-24.09.1998. Ohrid, R. Macedonia, 1: 335-344.
- Blagoev G. 2002. Check list of Macedonian spiders (Araneae). — *Acta zoologica bulgarica*, 54 (3): 9-36.
- Blagoev G. 2005. A Contribution to the Knowledge of the Wolf Spiders (Araneae: Lycosidae) of Albania. — *Acta zoologica bulgarica*, 54 (3): 9-36.
- Blagoev G. 2007. Fauna and zoogeography of wolf spiders (Araneae: Lycosidae) in Bulgaria. — In: Fet, V. et Popov, A. (Eds.), Biogeography and Ecology of Bulgaria. Series: Monographiae Biologicae, Vol. 82: 469-480.
- Blagoev G., Deltshv C. 1989. [Biotopical distribution of wolf-spiders (Araneae, Lycosidae) in the Zemen Gorge, Southwestern Bulgaria]. — *Ecologia*, Sofia, 22: 73-80. (In Bulgarian)
- Blagoev G., Georgiev V. 2000a. GEF Biodiversity Database for the Rila National Park. — In: M. Sakalian (Ed.), Biological Diversity of the Rila National Park. USAID, pp. 637-649.
- Blagoev G., Georgiev V. 2000b. GEF Biodiversity Database for the Central Balkan National Park. — In: M. Sakalian (Ed.), Biological Diversity of the Central Balkan National Park. USAID, pp. 603-616.
- Blagoev G., Lazarov S., Deltshv C. 2001. [Spiders (Araneae) in Kresna Gorge]. — In: P. Beron (Ed.), Biodiversity of Kresna Gorge (SW Bulgaria), pp. 85-102. (In Bulgarian)
- Blauwe R. de 1980. Revision de la famille des Agelenidae (Araneae) habitant la region mediterraneene (3e partie). — *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 52(11): 1-28.
- Bosmans R. 1997. Revision of the genus *Zodariion* Walckenaer, 1833, part II. Western and Central Europe, including Italy (Araneae: Zodariidae). — *Bulletin of the British Arachnological Society*, 10: 265-294.
- Bosmans R. 2009. Revision of the genus *Zodariion* Walckenaer, 1833, part III. South East Europe and Turkey (Araneae: Zodariidae). — *Contributions to Natural History*, 12: 211-295.
- Bosmans R. 2013. On the Gnaphosid and Lycosid spiders described by L. Giltay from the Balkans (Araneae : Gnaphosidae : Lycosidae). — *Bulletin de la Société Royale Belge d'Entomologie*, 149: 179-184.
- Bosmans R., Keer J. van 1999. The genus *Enoplognatha* Pavesi, 1880 in the Mediterranean region (Araneae. Theridiidae). — *Bulletin of the British Arachnological Society*, 11: 209-241.
- Bosmans R., Oger P. 2018. On two cases of male dimorphism in dwarf spiders (Araneae: Linyphiidae). — *Arachnologische Mitteilungen*, 55: 52-56.
- Braun R. 1982. Deutung der angeblich neuen 'Deutschland'-Arten Bösenbergs und ihrer balkanischen 'Wiederfunde' (Arachnida: Araneida). — *Senckenbergiana Biologica*, 62: 355-384.
- Breitling R., Bauer T., Schäfer M., Morano E., Barrientos J. A., Blick T. 2016. Phantom spiders 2: More notes on dubious spider species from Europe. — *Arachnologische Mitteilungen/Arachnology Letters*, 52: 50-77.
- Buchar J. 1968. Zur Lycosidenfauna Bulgariens (Arachn., Araneae). — *Věstník Československé Zoologické Společnosti v Praze*, 32: 116-130.
- Buchar J., Polenec A. 1974. Zur Lycosidenfauna Jugoslawiens (Araneae: Lycosidae). — *Věstník Československé Zoologické Společnosti v Praze*, 38: 81-85.
- Buchar J., Thaler K. 2002. Über *Pardosa atomaria* (C.L. Koch) und andere *Pardosa*-Arten an Geröllfluren in Süd- und Mitteleuropa (Araneae, Lycosidae). — *Linzer Biologische Beiträge*, 34: 445-465.
- Buresch I. 1926. Untersuchungen über die Höhlenfauna Bulgariens. II. — *Bulletin de l'Institut de Zoologie et Musée, Sofia*, 12: 17-56.
- Buresch I. 1928. Die Höhlenfauna Bulgariens. Eine kurze Übersicht der Erforschungen und Zusammensetzung der Höhlen fauna Bulgariens und der darauf bezughabenden Literatur. — In: E. Csiki (Ed.), X Congrès International de Zoologie, tenue à Budapest 4-10 septembre 1927, 10: 1427-1437.
- Buresch I. 1966. [Cave fauna]. — In: I. P. Gerassimov et Z. S. Gulubov (Eds.), Geography of Bulgaria, 1, Sofia, pp. 506-509. (In Bulgarian)
- Buresch I., Arndt W. 1926. Die Glazialrelicte stehenden Tierarten Bulgariens und Mazedoniens. — *Zeitschrift für Morphologie und Ökologie der Tiere*, 5 (3): 381-405.
- Deeleman-Reinhold C. L. 1977. Distribution patterns in European cave spiders. — *Congrès International de Spéléologie 7*(Sheffield, 1977): 25-34.
- Deeleman-Reinhold C. L. 1985. Contribution à la connaissance des Lephyphantes du groupe pallidus (Araneae, Linyphiidae) de Yougoslavie, Grece et Chypre. — *Mémoires de Biospéologie*, 12: 37-50.
- Deeleman-Reinhold C. L., Deeleman P. R. 1988. Revision des *Dysderinae* (Araneae, Dysderidae), les espèces méditerranéennes occidentales exceptées. — *Tijdschrift voor Entomologie*, 131: 141-269.
- Deltshv C. 1967. [On the studies of spiders (Araneae) in the Vitosha Mountain]. — *Bulletin de l'Institut de Zoologie et Musée, Sofia*, 24: 51-56. (In Bulgarian)
- Deltshv C. 1970. [Neue Daten über die Verbreitung der Gattung *Meta* (Araneae, Araneidae) in bulgarischen Höhlen]. — *Bulletin de l'Institut de Zoologie et Musée, Sofia*, 32: 89-92. (In Bulgarian)
- Deltshv C. 1972a. A review of spiders (Araneae) from Bulgarian caves. — In: C. Folk (Ed.), Proceedings of 5th International Congress of Arachnology, Brno, pp. 99-104.
- Deltshv C. 1972b. [A contribution to the study of spiders (Araneae) from the caves in Bulgaria]. — *Bulletin de l'Institut de Zoologie et Musée, Sofia*, 34: 171-175. (In Bulgarian)
- Deltshv C. 1972c. A contribution to the study of spiders (Araneae) from the caves in Bulgaria. II. Genus *Lephyphantes* in Bulgarian caves. — *Bulletin de l'Institut de Zoologie et Musée, Sofia*, 36: 137-147.
- Deltshv C. 1972d. A new genus of Bulgarian cave spiders (Protoleptoneta bulgarica, n. g., n. sp., Leptonetidae). — *International Journal of Speleology*, 4: 275-283.
- Deltshv C. 1973a. [A contribution to the study (Araneae) of spiders from the caves of Bulgaria. III. Ecological notes on spiders (Araneae) from the entrance parts of the caves]. — *Bulletin de l'Institut de Zoologie et Musée, Sofia*, 38: 39-47. (In Bulgarian)
- Deltshv C. 1973b. A new Troglolyphantes from Bulgarian caves (Araneae, Linyphiidae). — *International Journal of Speleology*, 5: 103-109.
- Deltshv C. 1973c. Redescription of *Centromerus bulgarianus* (Drensky, 1931) and *Centromerus lakatnikensis* (Drensky, 1931) (Araneae, Linyphiidae). — *International Journal of Speleology*, 5: 117-126.
- Deltshv C. 1974. A new *Centromerus* from Bulgarian caves (Araneae, Linyphiidae). — *International Journal of Speleology*, 6: 81-86.
- Deltshv C. 1975a. A new species (*Troglolyphantes bureschianus* n. sp., Araneae, Linyphiidae) from Bulgarian caves. — *Acta zoologica bulgarica*, 3: 99-104.
- Deltshv C. 1975b. The genus *Lephyphantes* in Bulgarian caves. — *Proceedings of 6th International Congress of Arachnology, Amsterdam*, pp. 210-213.
- Deltshv C. 1976a. [Spiders (Araneae) along the Bulgarian Black Sea coast]. — *Terrestrial fauna of Bulgaria, Materials, Sofia*, pp. 83-96. (In Bulgarian)
- Deltshv C. 1976b. [On the spiders (Araneae) in the Loudogorie]. — *Terrestrial fauna of Bulgaria, Materials, Sofia*, pp. 251-260. (In Bulgarian)
- Deltshv C. 1976c. [Faunistic, taxonomic, ecological and zoogeographical research on the spiders (Araneae) in Bulgaria]. — PhD thesis. Institute of Zoology, BAS, Sofia, pp. 1-23. (In Bulgarian)
- Deltshv C. 1977a. A new *Protoleptoneta* from caves (Araneae, Leptonetidae). — *Acta zoologica bulgarica*, 1: 3-8.
- Deltshv C. 1977b. Genus *Nesticus* (Nesticidae, Araneae) from Bulgarian caves. — In: V. Panoš (Ed.), Proceedings of 6th International Congress of Speleology, Olomouc, 5: 73-78.
- Deltshv C. 1978a. A new *Histoipona* (Araneae, Agelenidae) from Bulgarian caves. — *Acta zoologica bulgarica*, 10: 57-59.
- Deltshv C. 1978b. The origin, formation and zoogeography of troglolyphantes of the Balkan Peninsula. — *Symposia of the Zoological Society of London*, 42: 345-351.
- Deltshv C. 1980a. On the high altitude spiders (Araneae) in Bulgaria. — In: J. Gruber (Ed.), Proceedings of 8th International Congress of Arachnology, Vienna, pp. 405-409.
- Deltshv C. 1980b. [Spiders (Araneae) from the high altitude belt of the Vitosha Mountain]. — *Acta zoologica bulgarica*, 15: 78-92. (In Bulgarian)
- Deltshv C. 1980c. A contribution to the taxonomical study of pallidus group of genus *Lephyphantes* Menge (Araneae, Linyphiidae) in Bulgaria. — *Acta zoologica bulgarica*, 16: 44-56.
- Deltshv C. 1981. [Rare and threatened Arachnida species (Arachnida, Solifugae, Araneae) in south-west Bulgaria]. — *Regional Symposium Pr. 8-MAB, Blagoevgrad. BAS, Sofia*, pp. 490-495. (In Bulgarian)
- Deltshv C. 1982. [New data on the distribution of cave spiders (Araneae) in Bulgaria]. — *Acta zoologica bulgarica*, 19: 100-104. (In Bulgarian)
- Deltshv C. 1983a. Zoogeographical review of Bulgarian cave spiders (Araneae). — In: L. Dinev (Ed.), Proceedings of the European Regional Conference of Speleology, Sofia, 1: 144-146.
- Deltshv C. 1983b. A contribution to the study of sylvaticus group of genus *Centromerus* F. Dahl (Araneae, Linyphiidae) in Bulgaria. — *Acta zoologica bulgarica*, 21: 53-58.
- Deltshv C. 1983c. Notes on the spiders of genus *Erigone* Audouin (Araneae, Erigonidae) in Bulgaria. — *Acta zoologica bulgarica*, 22: 71-75.
- Deltshv C. 1983d. A contribution to the taxonomical and faunistic study of genus *Lephyphantes* Menge (Araneae, Linyphiidae) from Pirin Mountain. — *Acta zoologica bulgarica*, 23: 25-32.

- Deltshev C. 1984. A new Diplocephalus species from Bulgarian mountains (Arachnida, Araneae, Erigonidae). — Reichenbachia, 22: 91-93.
- Deltshev C. 1985. A contribution to the study of the family Erigonidae (Araneae) from Pirin Mountain, Bulgaria, with a description of a new species (*Metopobacterus orbelicus* sp. n.). — Bulletin of the British Arachnological Society, 6: 359-366.
- Deltshev C. 1987a. A critical review of genus *Zodariion* Walckenaer (Araneae, Zodariidae) in Bulgaria. — Acta zoologica bulgarica, 33: 19-25.
- Deltshev C. 1987b. [Review of the spiders (Araneae) in the Bulgarian caves]. — Modern achievements of the Bulgarian Zoology, Sofia, pp. 21-24. (In Bulgarian)
- Deltshev C. 1987c. A critical review of genus *Araeoncus* Simon in Bulgaria, with description of a new species (*Araeoncus clivifrons* sp. n.) (Arachnida, Araneae, Erigonidae). — Reichenbachia, 25: 97-102.
- Deltshev C. 1988a. [Review of the species from the family Lycosidae (Araneae) from Pirin Mountain]. — In: B. Botev (Ed.), Fauna of southwestern Bulgaria, Sofia, 2: 170-175. (In Bulgarian)
- Deltshev C. 1988b. A contribution to the study of genus *Lepthyphantes* Menge (Araneae, Linyphiidae) from the Pirin Mountain with a description of a new species (*Lepthyphantes rectilamelus* sp. n.). — Acta zoologica bulgarica, 36: 52-55.
- Deltshev C. 1988c. The genus *Fageiella* Kratochvil and the genus *Anthrohyphantes* Dumitresco (Araneae, Linyphiidae, Lepthyphanteae) in the caves of Balkan peninsula. — In: J. Haupt (Ed.), XI Europäisches Arachnologisches Colloquium. Technische Universität Berlin Dokumentation Kongresse und Tagungen, 38: 293-302.
- Deltshev C. 1990a. A critical review of genus *Coelotes* Blackwall in Bulgaria with description of a new species (*Coelotes drenskii* sp. n., Araneae, Agelenidae). — Acta zoologica bulgarica, 40: 29-44.
- Deltshev C. 1990b. The high-altitude spiders (Araneae) in the Pirin Mountains, Bulgaria. — Acta Zoologica Fennica, 190: 111-115.
- Deltshev C. 1992a. A critical review of family Theridiidae (Araneae) in Bulgaria. — Acta zoologica bulgarica, 43: 13-22.
- Deltshev C. 1992b. *Drepanotylus pirinicus* n. sp. from Pirin Mountain (Bulgaria), with comparative remarks on the other species of the genus (Arachnida, Araneae, Linyphiidae). — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 79: 173-176.
- Deltshev C. 1993. The genus *Tegenaria* Latreille in Bulgaria: A critical review with description of two sibling species (Arachnida, Araneae: Agelenidae). — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 80: 167-174.
- Deltshev C. 1995a. A review of family Agelenidae (Araneae) in Bulgaria. Taxonomic, faunistic and zoogeographical analysis. — European Journal of Entomology, 92: 581-588.
- Deltshev C. 1995b. Spiders (Araneae) from the high altitude zone of Rila Mountain (Bulgaria). — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 82: 217-225.
- Deltshev C. 1996. The origin, formation and zoogeography of endemic spiders of Bulgaria (Araneae). — Revue suisse de Zoologie, vol. hors serie 1: 141-151.
- Deltshev C. 1997a. A new species of Cybaeidae: *Cybaeus balkanus* spec. nov. from the mountains of Balkan peninsula (Arachnida, Araneae). — Reichenbachia, 32 (1): 1-4.
- Deltshev C. 1997b. Spiders (Araneae) from the coastal habitats of Shabla-Ezerets Lake, Bulgaria. — Acta zoologica bulgarica, 49: 58-63.
- Deltshev C. 1998. Spiders from the high altitude zone of Central Stara Planina Mountain (Bulgaria) (Araneae). — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 85: 213-221.
- Deltshev C. 1999. Faunistic and zoogeographical review of the Spiders (Araneae) of the Balkan peninsula. — The Journal of Arachnology, Kansas, 27: 255-261.
- Deltshev C. 2000. The endemic spiders (Araneae) of the Balkan Peninsula. — In: P.Gajdos et S. Pekar (Eds.), Proceedings of the 18th European Colloquium of Arachnology, Stara Lesna, 1999. Ekologia (Bratislava), 19(3): 59-65.
- Deltshev C. 2003a. Faunistic Diversity and Conservation Significance of Spiders (Araneae). — In: D. Peev (Ed.), Rapid Ecological Assessment of Rila Monastery Nature Park, USAID, pp. 108-116.
- Deltshev C. 2003b. A critical review of the taxa described by P. Drensky in the period 1915-1945. — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 90: 135-150.
- Deltshev C. 2004a. A Zoogeographical review of Spiders (Araneae) in Balkan Peninsula. — In: Griffiths et al. (Eds.), Balkan Biodiversity, pp. 193-200.
- Deltshev C. 2004b. Spiders (Araneae) from Sandanski-Petrich Valley (SW Bulgaria). — Mitteilungen aus dem Museum für Naturkunde in Berlin, Zoologische Reihe, 80 (1): 71-76.
- Deltshev C. 2005. A new Hypomma species from Stara Planina Mountains, Bulgaria (Araneae, Linyphiidae). — Revue suisse de Zoologie 112 (1): 115-119.
- Deltshev C. 2007. Fauna and zoogeography of spiders of the family Linyphiidae (Araneae) in Bulgaria. — In: V. Fet et A. Popov (Eds.), Biogeography and Ecology of Bulgaria. Series: Monographiae Biologicae, Vol. 82: 447-467.
- Deltshev C. 2008. Two new spider species, *Malthonica bozhkovi* sp. nov. and *Tegenaria paragami* sp. nov. from Rhodopy Mountains (Bulgaria and Greece) (Araneae: Agelenidae). — Zootaxa, 1872: 37-44.
- Deltshev C. 2011a. Faunistic Diversity of Spiders (Araneae) in Castanian forests of Belasitsa Mt. — Report. State and prospects of the *Castanea sativa* population in Belasitsa mountain: climate change adaptation; maintenance of biodiversity and sustainable ecosystem management, pp. 1-12.
- Deltshev C. 2011b. *Harpactea lazarovi* sp.n. and *H. tenuimboli* sp.tr., two new spider species from Balkan Peninsula (Araneae, Dysderidae). — Zoosystematics and Evolution, 87 (2): 221-226.
- Deltshev C. 2013. On the identity of the poorly known spider species *Zelotes strandi* (Araneae: Gnaphosidae). — Arachnologische Mitteilungen, 45: 4-7.
- Deltshev C., Andreev S., Blagoev G., Golemansky V., Dobrev D., Milojkova G., Peneva V., Todorov M., Hubenov Z. 1993. [Invertebrates (non-Insecta) in Bulgaria (Protozoa, Nematoda, Oligochaeta, Mollusca, Crustacea, Myriapoda, Araneae, Acari)]. — In: M. Sakalian (Ed.), National biological diversity conservation strategy, 1, Sofia, pp. 149-244. (In Bulgarian)
- Deltshev C., Andreev S., Blagoev G., Golemansky V., Milojkova G., Peneva V., Dobrev D., Todorov M., Hubenov Z. 1998a. Invertebrates (non-Insecta) in Bulgaria. — In: C. Meine (Ed.), Bulgaria's biological diversity. Conservation status and needs assessment, 1, 2, Washington, pp. 109-161.
- Deltshev C., Beron P., Blagoev G., Golemansky V., Najdenov V., Peneva V., Stoev P., Todorov M., Hubenov Z. 2000a. Faunistic diversity of invertebrates (non Insecta) in Rila National Park. — In: M. Sakalian (Ed.), Biological diversity of the Rila National Park, USAID, Sofia, pp. 249-284.
- Deltshev C., Beron P., Blagoev G., Golemansky V., Peneva V., Stoev P., Todorov M., Hubenov Z. 2000b. Faunistic diversity of invertebrates (non Insecta) in Central Balkan National Park. — In: M. Sakalian (Ed.), Biological diversity of the Central Balkan National Park, USAID, Sofia, pp. 289-317.
- Deltshev C., Blagoev G. 1992. A faunistic and zoogeographic analysis of spiders (Araneae) in Zemen gorge (Southwestern Bulgaria). — Acta zoologica bulgarica, 45: 26-35.
- Deltshev C., Blagoev G. 1994. Biotopical distribution and seasonal activity of model species of the family Gnaphosidae (Araneae) in Zemen gorge (SW Bulgaria). — Arachnologische Mitteilungen, 1: 20-30.
- Deltshev C., Blagoev G. 1995. A critical review of family Lycosidae (Araneae) in Bulgaria. — Revue arachnologique, 10 (10): 171-198.
- Deltshev C., Blagoev G. 1997. The spiders of Pirin Mountain (Bulgaria). Taxonomic, faunistic and zoogeographical analysis (Araneae). — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 84: 269-286.
- Deltshev C., Blagoev G. 1998. Order Araneae. — In: T. Michev (Ed.), Biodiversity of the Srebarna Biosphere Reserve. Checklist and bibliography, Sofia, pp. 68-69.
- Deltshev C., Blagoev G. 2001. A critical checklist of Bulgarian spiders (Araneae). — Bulletin of the British Arachnological Society, 12: 110-138.
- Deltshev C., Blagoev G., Hubenov Z. 1998. Conservation priorities on biodiversity of invertebrates (non-Insecta) in Bulgarian mountains. — Ambio, 27: 330-334.
- Deltshev C., Blagoev G., Komnenov M., Lazarov S. 2016. Description of *Ozyptila balcanica* sp. n. from the Balkan Peninsula and its comparison with the closely related *O. umbraculorum* Simon, 1932 (Araneae: Thomisidae). — Acta zoologica bulgarica, 68 (4): 483-490.
- Deltshev C., Bosmans R., de Spiegelaere W., Provoost L. 2006. *Zelotes balcanicus* sp. n., a new and widespread species from the Balkan Peninsula (Araneae, Gnaphosidae) A new *Zelotes* species. — Revue suisse de Zoologie, 113 (4): 711-716.
- Deltshev C., Čurčić B. 1997. Contribution to the knowledge of the group europaeus of *Centromerus* Dahl (Linyphiidae, Araneae) in the Balkan Peninsula. — Revue suisse de Zoologie, 104 (1): 49-55.
- Deltshev C., Čurčić B. 2002. Contribution to the study of the genus 'europaeus' *Centromerus* Dahl (Araneae, Linyphiidae) in caves of the Balkan Peninsula. — Revue suisse de Zoologie, 109 (1): 167-176.
- Deltshev C., Dimitrov D. 1996. A new *Coelotes* (*C. brevispinus* sp. n.) from Bulgarian mountains (Araneae, Agelenidae). — Revue arachnologique, 11 (7): 77-79.
- Deltshev C., Hubenov Z., Blagoev G., Dobrev D. 1998. [Modern methods of collecting, managing and keeping faunistic data]. — Historia naturalis bulgarica, 9: 143-154. (In Bulgarian)
- Deltshev C., Kajak A. 1974. Analysis of a sheep pasture ecosystem in the Pieniny Mountains (the Carpathians). XVI. Effect of pasture management on the number and biomass of spiders (Araneae) in two climatic regions (the Pieniny and the Sredna Gora Mountains). — Ekologia polska, 22: 693-710.
- Deltshev C., Lazarov S. 2018. Two new spider species, *Harpactea simovi* sp. n. and *H. stoevi* sp. n. (Araneae: Dysderidae), from the Balkan Peninsula. — Acta zoologica bulgarica, 70 (2): 3-7.
- Deltshev C., Lazarov S., Blagoev G. 2005. Spiders (Araneae) from the Eastern Rhodopes (Bulgaria and Greece). — In: P. Beron et A. Popov (Eds.), Biodiversity of Bulgaria. 2. Biodiversity of Eastern Rhodopes (Bulgaria and Greece). Pensoft and National Museum of Natural History, Sofia, pp. 181-198.
- Deltshev C., Lazarov S., Blagoev G., Naumova M. 2011. Spiders (Araneae) from the Western Rhodopes Mts (Bulgaria). — P. Beron (Ed.), Biodiversity of Bulgaria 4. Biodiversity of Western Rhodopes (Bulgaria and Greece) II. Pensoft and National Museum of Natural History, Sofia, pp. 63-103.
- Deltshev C., Lazarov S., Naumova M. 2011. A survey of spiders (Araneae) inhabiting the euedaphic soil stratum and the superficial underground compartment in Bulgaria. — Arachnologische Mitteilungen, 40: 33-46.
- Deltshev C., Lazarov S., Petrov B. 2003. A Contribution to the Study of Spiders (Araneae) from the Caves of Bulgaria. — Acta zoologica bulgarica, 55 (2): 9-28.
- Deltshev C., Li S. 2013. A new species of the genus *Cataleptoneta* from Belasitsa Mts Bulgaria (Araneae, Leptonetidae). — Acta Zootaxonomica Sinica, 38 (3): 514-519.
- Deltshev C., Paraschi L. 1990. A contribution to the study of spiders (Araneae: Dysderidae, Salticidae, Agelenidae) in Greece, with a description of a new species (*Malthonica spinipalpis* Deltshev, sp. n. Agelenidae). — Biologia Gallo-hellenica, 17 (1): 3-12.
- Deltshev C., Petrov B., Mitov P. 2005. [Faunistic diversity of Class Arachnida (non Acari) in Bulgaria – present state, importance and perspectives]. — A. Petrova, (Ed.), Current state of Bulgarian biodiversity — problems and perspectives. Bulgarian Bioplatform, Sofia, pp. 129-151. (In Bulgarian)
- Dimitrov D. 1993. New and rare spiders (Araneae) to the fauna of Bulgaria. — In: Reports of the Second National Scientific Conference of Entomology, 25-27 October, Sofia, 1993, pp. 73-75.
- Dimitrov D. 1994. A record of *Achaearanea tabulata* from the Balkan Peninsula (Araneae: Theridiidae). — Arachnologische Mitteilungen, 8: 77-79.
- Dimitrov D. 1996a. A record of *Zodariion turcicum* Wunderlich from Europe with description of its unknown male (Arachnida, Araneae, Zodariidae). — Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck, 83: 157-158.

- Dimitrov D. 1996b. *Coelotes deltshevi* sp. n., a new spider species from Bulgaria (Arachnida, Araneae, Zodariidae). — *Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck*, 83: 159-161.
- Dimitrov D. 1997. Description of *Harpactea strandjica*, sp. n. from Bulgaria (Araneae, Dysderidae). — *Bulletin of the British Arachnological Society*, 10: 322.
- Dimitrov D. 1999. The spider fauna of the Strandzha Mountain (South-East Bulgaria). I. Faunistic data and taxonomic remarks (Arachnida: Araneae). — *Acta zoologica bulgarica*, 51 (2/3): 15-26.
- Dimitrov D. 2003. *Erigonoplus spinifemoralis* sp. n. (Araneae: Linyphiidae: Erigoninae) — a New Spider Species from Bulgaria. — *Acta zoologica bulgarica*, 55 (3): 33-35.
- Dimitrov D., Deltchev C., Lazarov L. 2017. Description of *Histopona breviemboli* sp. n. from the Balkan Peninsula (Arachnida, Araneae, Agelenidae). — *Zootaxa*, 4311: 283-286.
- Dimitrov D., Lazarov S. 1999. Two new species of *Harpactea* from Bulgaria (Araneae: Dysderidae). — *Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck*, 86: 127-129.
- Dimitrov D., Lazarov S. 2002. A Contribution to the Study of the Spiders (Araneae) in Chepun Mountain and Dragoman Swampland (NW Bulgaria). — *Acta zoologica bulgarica*, 54 (2): 47-53.
- Drenovska O. 1941. [Excursion of the IVth course students-naturalists in the 'Temnata Dupka' Cave]. — *Estestvoznanie*, Sofia, 3: 155-157. (In Bulgarian)
- Drensky P. 1909. Giftige Spinnen Bulgariens. — *Priroda*, Sofia, 15: 167-170. (In Bulgarian)
- Drensky P. 1910. Die Gattung *Tarentula* (Sund.) in Bulgarien. — *Horae Societatis Entomologicae Rossicae*, 39: 411-414. (In Bulgarian)
- Drensky P. 1911a. Über die Spinnen-Fauna des Trojan-Balkans und seiner nördlichen Abhänge bis der Stadt Lowetsch. — *Entomologische Rundschau*, 28: 41-43.
- Drensky P. 1911b. Traces in the Bulgarian zoogeography. — *Estestvoznanie*, Sofia, 2: 1-15. (In Bulgarian)
- Drensky P. 1912. The sexual dimorphism of spiders (Araneae). — *Estestvoznanie*, Sofia, 4: 1-8. (In Bulgarian)
- Drensky P. 1913. Contribution à la faune d'araignée de la Bulgarie. — *Sbornik na Balgarskata akademiya na naukite*, 2(1): 1-146. (In Bulgarian, French summary)
- Drensky P. 1915a. Arachnides nouveaux ou peu connus de Bulgarie. — *La Revue de l'Académie Bulgare des Sciences*, 12(5): 141-176. (In Bulgarian, French summary)
- Drensky P. 1915b. Le venin des araignées et leur action sur l'organisme animal. — *Bulletin de l'Institut de Zoologie et Musée*, Sofia, 7: 153-169. (In Bulgarian, French summary)
- Drensky P. 1921. Contribution à l'étude des araignées de la Macédoine orientale et de Pirine planina. — *Spisanie na Balgarskata Akademiya na Naukite [Journal of the Bulgarian Academy of Sciences]*, 23: 1-50. (In Bulgarian, French summary)
- Drensky P. 1924. Referate und Berichte. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 1: 20-22. (In Bulgarian)
- Drensky P. 1925. Referate und Berichte. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 2: 36. (In Bulgarian)
- Drensky P. 1926. Referate und Berichte im Jahre 1925. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 3: 27-29. (In Bulgarian)
- Drensky P. 1927a. The black poisonous spider in Bulgaria. — *Priroda*, Sofia, 7: 126-127. (In Bulgarian)
- Drensky P. 1927b. [Lathroedectus tredecim-guttatus Ros., eine giftige Spinne in Bulgarien]. — *Priroda*, Sofia, 8: 99-117. (In Bulgarian)
- Drensky P. 1929. Spinnen (Araneae) aus Mittel- und Süd-West Mazedonien. — *Spisanie na Balgarskata Akademiya na Naukite [Journal of the Bulgarian Academy of Sciences]*, 39: 1-76. (In Bulgarian)
- Drensky P. 1930. Referate und Berichte im Jahre 1928-1929. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 5: 25-27. (In Bulgarian)
- Drensky P. 1931a. Höhlen-Spinnen aus Bulgarien. — *Spisanie na Balgarskata Akademiya na Naukite [Journal of the Bulgarian Academy of Sciences]*, 44: 1-50. (In Bulgarian)
- Drensky P. 1931b. Kleine entomologische Mitteilungen. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 6: 123-141. (In Bulgarian)
- Drensky P. 1931c. [Our poisonous animals]. — *Priroda*, Sofia, 1: 113-115. (In Bulgarian)
- Drensky P. 1932. Zur Kenntnis der Spinnenfauna Tscham-Kuria im Rilagebirge (Bulgarien). — *Bulletin de l'Institut de Zoologie et Musée*, Sofia, 15/16: 326-332. (In Bulgarian)
- Drensky P. 1933. [Parangalitsa reserve and its animal world]. — *Zeitschrift für Forstwesen*, 19: 133-143. (In Bulgarian)
- Drensky P. 1934a. [Fauna of Lovech and Troyan districts]. — *Lovech and Lovchansko*, Sofia, 6: 107-125. (In Bulgarian)
- Drensky P. 1934b. Neue Methoden der Schädlingsbekämpfung. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 8: 65-70. (In Bulgarian)
- Drensky P. 1934c. Referate und Mitteilungen in den Jahre 1932 u. 1933. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 8: 217-219. (In Bulgarian)
- Drensky P. 1936a. Katalog der echten Spinnen (Araneae) der Balkanhalbinsel. — *Sbornik na Balgarskata akademiya na naukite*, 32: 1-223.
- Drensky P. 1936b. Studien über die Bulgarischen Spinnenfauna ihre ökologischen und biogeographischen Besonderheiten. — *Bulletin de l'Institut de Zoologie et Musée*, Sofia, 17: 71-115. (In Bulgarian)
- Drensky P. 1936c. Quelques notes sur la zoogéographie de la Bulgarie. — *La Bulgarie. Devant le IV-e congrès des géographes et ethnographes Slaves*, Sofia, pp. 59-65.
- Drensky P. 1937. Die Spinnenfauna Bulgariens. I. Unterordnung Mygalomorphae, Family Ctenizidae und Atypidae. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 10: 259-280. (In Bulgarian)
- Drensky P. 1938a. Die Spinnenfauna Bulgariens. II. Unterordnung Arachnomorphae, I Gruppe Tetrastica, Familien: Filistatidae, Dysderidae und Oonopidae. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 11: 81-113. (In Bulgarian)
- Drensky P. 1938b. Zur Morphologic und Biologic einer neuen bulgarischen Spinnenart, *Euxinella Strandi* n. g. n. sp. — *Festschrift Strand*, Riga, 4: 569-574.
- Drensky P. 1939a. Die Spinnenfauna Bulgariens. III. Unterordnung Arachnomorphae, II Gruppe Trionichia, Familien: Urocteidae, Uloboridae, Sicaridae, Pholcidae, Eresidae. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 12: 231-252. (In Bulgarian)
- Drensky P. 1939b. Referate u. Mitteilungen. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 10: 163-168. (In Bulgarian)
- Drensky P. 1940a. Die Spinnenfauna Bulgariens. IV. Unterordnung Arachnomorphae, II Gruppe Trionichia, Familien: Zodariidae, Dictynidae und Amaurobiidae. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 13: 169-194. (In Bulgarian)
- Drensky P. 1940b. Fauna of Dobrudzha. — *Prirodoznanie*, Sofia, 2: 142-145. (In Bulgarian)
- Drensky P. 1942a. Spinnenfauna Bulgariens. V. Unterordnung Arachnomorphae, II Gruppe Trionichia, Familie: Agelenidae. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 15: 33-60. (In Bulgarian)
- Drensky P. 1942b. Über die Insekten-Fauna des Küstengebietes nördlich von Warna. — *Mitteilungen der Bulgarischen Entomologischen Gesellschaft in Sofia*, 12: 15-44. (In Bulgarian)
- Drensky P. 1943. Die Spinnenfauna Bulgariens. VI. Unterordnung Arachnomorphae, II Gruppe Trionichia, Familie Euetrioidae. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 16: 219-254. (In Bulgarian)
- Drensky P. 1952. [On the character of insect fauna in Dobrudzha forests]. — *Priroda*, Sofia, 1: 60-63. (In Bulgarian)
- Drensky P. 1953. Die Schwarze-Giftspinne *Lathroedectus 13-guttatus* Rossi in Bulgarien (Ökologie, medizinische Bedeutung und Bekämpfung). — *Bulletin des Instituts de Médecine*, Sofia, 8: 199-218. (In Bulgarian)
- Drensky P. 1955. Fliegen und Arachnoideen aus den Wäldern und den Feldschutzwaldstreifen der Süd-Dobrudzha. — In: N. Stoyanov et B. Kitanov (Eds.), *Collection Dobrudzha*, Sofia, pp. 385-395. (In Bulgarian)
- Drensky P. 1966. [Zoogeographical districts in the distribution of terrestrial fauna (in Bulgaria)]. — In: I. P. Gerassimov et Z. S. Gulubov (Eds.), *Geography of Bulgaria*, Sofia, 1: 500-506. (In Bulgarian)
- Drensky P., Zimina R., Boev N. 1966. [General characteristics of the fauna]. — In: I. P. Gerassimov et Z. S. Gulubov (Eds.), *Geography of Bulgaria*, Sofia, 1: 485-491. (In Bulgarian)
- Dumitresko M. 1971. Une araignée nouvelle des grottes de Bulgarie, *Anthrophyantes rodopicus* n. g., n. sp. (fam. Linyphiidae, sous-fam. Linyphiinae, série de genres Lepthyphanteae). — *Travaux de l'Institut de Spéologie "Émile Racovitza"*, 10: 167-174.
- Dumitresko M., Georgesco M. 1970. Révision des représentants du genre *Troglolyphantes* des grottes de Roumanie. — *Livredu Centenaire Émile G. Racovitza 1868-1968*, pp. 313-331.
- Dumitresko M., Orghidan T. 1969. Nouvelles données obtenues dans l'étude de la faune lithoclasicole. — *Travaux de l'Institut de Spéologie "Émile Racovitza"*, 8: 55-71.
- Fedorjak M. M. 2015. Scientific heritage of Aleksandru Roshka as a basis for retrospective analysis of araneofauna of Bukovyna. — Edited by Prof., Dr. S. S. Rudenko. *Druk Art, Chernivtsi*, 1-175. (In Ukrainian)
- Fedorjak M., Moscaliuc L. A. 2013. The catalogue of "Alexandru Roșca" spider collection from the "Grigore Antipa" National Museum of Natural History (Bucharest). II. Mimidae, Oxyopidae, Pholcidae, Pisauridae, Theridiidae. — *Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"* 56 (2): 143-156.
- Fedorjak M., Voloshyn V., Moscaliuc L. A. 2016. Scientific heritage of Alexandru Roșca: publications, spider collection, described species. — *Arachnologische Mitteilungen/Arachnology Letters*, 51: 85-91.
- Flanczewska E. 1981. Remarks on Salticidae (Aranei) of Bulgaria. — *Annales Zoologici, Warszawa*, 36: 187-228.
- Fuhn I., Niculescu-Burlacu F. 1971. Fam. Lycosidae. — *Fauna Republicii Socialiste România (Arachnida)*, 5 (3): 1-253.
- Fuhn I., Polenec A. 1967. Über die innerartliche Gliederung von *Nemesia pannonica* Herman (Arach., Araneae: Ctenizidae). — *Senckenbergiana Biologica*, 48: 295-300.
- Fürst P.-A., Mulhauser G. 1991. Worldwide bibliography of Arachnids: Presentation of the entire key words system. — *Arachnologia*, 8: 4-15.
- Gerhardt U. 1923. Weitere sexualbiologische Untersuchungen an Spinnen. — *Archiv für Naturgeschichte*, 89 (A, 10): 1-225.
- Gerhardt U. 1942. Weitere Studien über die Biologie der Spinnen. — *Archiv für Naturgeschichte*, 90 (A, 5): 85-192.
- Giltay L. 1932. Arachnides recueillis par M. d'Orchymont au cours de ses voyages aux Balkans et en Asie Mineure en 1929, 1930 et 1931. — *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 8: 1-40.
- Giltay L. 1933. Description des arachnides nouveaux recueillis par M. A. d'Orchymont aux Balkans et en Asie Mineure en 1929-31. — *Acta pro Fauna et Flora Universali, Seria I, Zoologia*, 1: 1-8.
- Grimm U. 1985. Die Gnaphosidae Mitteleuropas (Arachnida, Araneae). — *Abhandlungen des Naturwissenschaftlichen Vereins in Hamburg*, 26: 1-318.
- Guéorguiev V. 1966. Aperçu sur la faune cavernicole de la Bulgarie. — *Bulletin de l'Institut de Zoologie et Musée*, Sofia, 21: 157-181. (In Bulgarian)
- Guéorguiev V. 1977. La faune troglodyte terrestre de la péninsule Balkanique. Origine, formation et zoogéographie. — *Sofia, Editions de l'Académie Bulgare des Sciences*, 182 pp.
- Guéorguiev V., Beron P. 1962. Essai sur la faune cavernicole de Bulgarie. — *Annales de spéléologie*, 17: 285-411.
- Hazelton M. 1970. Fauna from some caves in Bulgaria, one in Yugoslavia. — *Transactions of the Cave Research Group of Great Britain (Ledbury)*, 12 (1): 33-37.
- Helsdingen P. J. van 1969. A reclassification of the species of *Linyphia* Latreille based on the functioning of the genitalia (Araneida, Linyphiidae) I. — *Zoologische Verhandlungen*, 105: 1-303.
- Helsdingen P. J. van 2016. *Fauna Europaea: Araneae. Version 2016.1.* — <http://www.faunaeur.org>, accessed on February 2017.

- Helsdingen P. J. van, Thaler K., Deltšev C. 1977. The tennis group of Lephyphantès Menge (Araneae, Linyphiidae). — *Tijdschrift voor Entomologie*, 120: 1-54.
- Helsdingen P. J. van, Thaler K., Deltšev C. 2001. The European species of Bolyphantès with an attempt of a phylogenetic analysis (Araneae, Linyphiidae). — *Memorie della Società Entomologica Italiana*, Genova, 80: 3-35.
- Hollá K., Šestáková A., Holecová M., Šebestová M. 2016. On the new record of the sheet-web spider *Erigonoplus foveatus* comb. nov. from Slovakia, with comments on *Erigonoplus simplex* (Araneae: Linyphiidae). — *Arachnologische Mitteilungen/Arachnology Letters*, 51: 80-84.
- Holm Á., Kronstedt T. 1970. A taxonomic study of the wolf spiders of the *Pardosa pullata*-group (Araneae, Lycosidae). — *Acta entomologica Bohemoslovaca*, 67: 408-428.
- Hristovich G. 1892. [Collection on investigation of the Bulgarian fauna]. — *Sbornik za Narodni Umotvoreniya*, Nauka i Knizhnina, Sofia, 8: 337-345. (In Bulgarian)
- Jäger P. 1995. Spinnenaufsammlungen aus Ostösterreich mit vier Erstnachweisen für Österreich. — *Arachnologische Mitteilungen*, 9: 12-25.
- Jurinič S., Drensky P. 1917. Contribution à l'étude des araignées de Bulgarie. — *Spisanie na Balgarskata Akademia na Naukite [Journal of the Bulgarian Academy of Sciences]*, 15: 109-136. (In Bulgarian)
- Kalushkov P., Blagoev G., Deltšev C. 2008. Biodiversity of Epigeic Spiders in Genetically Modified (Bt) and Conventional (non-Bt) Potato Fields in Bulgaria. — *Acta zoologica bulgarica*, 60 (1): 61-69.
- Knoflach B. 1992. Neue Robertus-Funde in den Alpen: *R. mediterraneus* Eskov und *Robertus* sp. (Arachnida, Aranei: Theridiidae). — *Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck*, 79: 161-171.
- Knoflach B. 1996. Die Arten der *Steatoda phalerata*-Gruppe in Europa (Arachnida: Araneae, Theridiidae). — *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 69: 377-404.
- Knoflach B. 1999. The comb-footed spider genera *Neottiura* and *Coleosoma* in Europe (Araneae, Theridiidae). — *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*, 72: 341-371.
- Kolosváry G. 1938. Sulla fauna aracnologica della Jugoslavia. — *Rassegna Faunistica*, 5: 3-23.
- Kostova R., Lazarov S., Bekchiev R., Goranov S., Simov N., Beshkov S. 2016. Soil and cave invertebrates from the village Gintsi area. — In: *Speleological studies of Caves in Godech Municipality, Part 1. Association of Speleoclubs in Sofia*, Sofia: pp. 39-51.
- Kratochvíl J., Miller F. 1938. Sur le problème des araignées cavernicoles du genre *Centromerus* de la Péninsule balkanique. — *Mitteilungen aus den Königlichen Naturwissenschaftlichen Instituten in Sofia*, 11: 107-113.
- Kronstedt T., Logunov D. 2003. Separation of two species standing as *Sitticus zimmermanni* (Simon, 1877) (Araneae, Salticidae), a pair of altitudinally segregated species. — *Revue suisse de Zoologie*, 110 (4): 855-873.
- Langourov M., Lazarov S., Stoev P., Guéorguiev B., Deltšev C., Petrov B., Andreev S., Simov N., Bekchiev R., Antonova V., Ljubomirov T., Dedov I., Georgiev D. 2014. New and interesting records of the MSS and cave fauna of Vitosha Mt., Bulgaria. — In: A. Zhalov, I. Ivanov et I. Petrov (Eds.), *Proceedings of Balkan Speleological Conference "Sofia 2014"*, Sofia, Bulgaria, 28 – 30 March 2014, Caving Club "Helictite" Publisher, Sofia, pp. 66-76.
- Lazarov S. 1998. A contribution to the study of the spiders (Araneae) in Sushtinska Sredna Gora Mountain, Bulgaria. — *Historia naturalis bulgarica*, 9: 27-34.
- Lazarov S. 2002. A review of the family Dysderidae (Araneae) in Bulgaria: faunistic and zoogeographical analysis. — *European Arachnology 2002*. (F. Samu et Cs. Szinetár eds. *Proceedings of the 20th European Colloquium of Arachnology, Szombathely 22-26 July 2002*), pp. 259-265.
- Lazarov S. 2004. A Contribution to the Study of Spiders (Araneae) in Macedonia. — *Acta zoologica bulgarica*, 56 (2): 155-166.
- Lazarov S. 2005a. Spiders (Araneae) from Maquises in South-West Bulgaria. Part I. — *Acta zoologica bulgarica*, 57 (2): 145-152.
- Lazarov S. 2005b. A new spider species from Bulgaria, *Brachythele langourovi* sp. n. (Araneae, Nemesiidae). — *Revue suisse de Zoologie*, 112 (1): 189-193.
- Lazarov S. 2006a. A New Spider Species from Bulgaria, *Harpactea alexandrae* sp. n. (Araneae: Dysderidae). — *Acta zoologica bulgarica*, 58 (1): 13-16.
- Lazarov S. 2006b. A new spider species, *Harpactea samuili* sp. n., from Bulgaria (Araneae: Dysderidae). — In: C. Deltšev et P. Stoev (Eds.), *European Arachnology 2005*, *Acta zoologica bulgarica*, Suppl. No. 1: 81-85.
- Lazarov S. 2007a. Haplogyne spiders (Araneae) in Bulgaria: faunistic and zoogeographical analysis. — In: V. Fet et A. Popov (Eds.), *Biogeography and Ecology of Bulgaria. Series: Monographiae Biologicae*, Vol. 82: 481-492.
- Lazarov S. 2007b. Spiders (Araneae) from the Maleshevska Mountain (SW Bulgaria). Part I. — *Acta zoologica bulgarica*, 59 (2): 133-144.
- Lazarov S. 2008a. A new spider species, *Harpactea asparuhi* sp. nov., from Bulgaria (Araneae: Dysderidae). — *Revista Ibérica de Aracnología*, Vol. 15: 25-27.
- Lazarov S. 2008b. A new spider species *Harpactea kubrati* sp. n. from Bulgaria, (Araneae, Dysderidae). — *Acta zoologica bulgarica*, 60 (2): 219-221.
- Lazarov S. 2009a. *Harpactea konradi*, a new spider species from Bulgaria, (Araneae, Dysderidae). — *Zootaxa*, 2140: 33-37.
- Lazarov S. 2009b. A new spider species from Bulgaria, *Harpactea terveli* sp. n. (Araneae, Dysderidae). — *International Journal of Academic Research*, 1 (2): 98-96.
- Lazarov S. 2009c. Spiders (Araneae) from Maquis Forests in SW Bulgaria. Part II. — *Acta zoologica bulgarica*, 61 (1): 33-37.
- Lazarov S. 2010. A new spider species *Harpactea krumi* sp. n. from Bulgaria (Araneae, Dysderidae). — *Acta zoologica bulgarica*, 62 (1): 27-31.
- Lazarov S., Deltšev C., Blagoev G. 2001. Spiders (Araneae) of Sushtinska Sredna Gora Mountain, Bulgaria. — *Acta zoologica bulgarica*, 53 (1): 3-28.
- Lazarov S., Naumova M. 2010. Two new *Harpactea* species from Bulgaria (Araneae: Dysderidae). — *Revue Suisse de Zoologie*, 117 (1): 101-110.
- Lehtinen P. 1967. Classification of the cribellate spiders and some allied families, with notes on the evolution of the suborder Araneomorpha. — *Annales Zoologici Fennici*, 4: 199-468.
- Logunov D. V. 2006. Notes on *Xysticus kempeni* Thorell, 1872 and two closely related spider species (Araneae: Thomisidae). — *Acta Arachnologica*, 55 (1): 59-66.
- Logunov D. V., Marusik Y. M. 1994. New data on the jumping spiders of the Palearctic fauna (Aranei Salticidae). — *Arthropoda Selecta*, 3 (1-2): 101-115.
- Logunov D. V., Marusik Y. M. 2003. A revision of the genus *Yllenus* Simon, 1868 (Arachnida, Araneae, Salticidae). — Moscow: KMK Scientific Press Ltd., 2003, 167 pp.
- Lugetti G., Tongiorgi P. 1969. Ricerche sul genere *Alopecosa* Simon (Araneae-Lycosidae). — *Atti della Società Toscana di Scienze Naturali (B)*, 76: 1-100.
- Marinov M. 2000. A contribute to the fauna of Srebarna Biosphere Reserve. — *Acta zoologica bulgarica*, 52 (2): 37-42.
- Mikhailov K., Fet V. 1986. [Contribution to the spider fauna (Aranei) of Turkmenia. I. Families Anyphaenidae, Sparassidae, Zoridae, Clubionidae, Micariidae, Oxyopidae]. — *Sbornik Trudov Zoologicheskogo Muzeya MGU, Moscow State University*, 24: 168-186. (In Russian)
- Miller F. 1958. Eine neue Lephyphantès (L. tranteevi sp. n.) aus den bulgarischen Höhen. — *Práce Brněnské Základny Československé Akademie Věd*, 30: 577-583.
- Mitov P. 1995. Opliones (Arachnida) as a component of the food stuffs of some animals. — *Annuaire de l'Université de Sofia 'St. Kliment Ohridski', Faculté de Biologie*, (1 – Zoologie), 86-87: 67-74.
- Moscaliuc L. A. 2012. New faunistic records of spiders (Arachnida: Araneae) from Dobruja (Romania and Bulgaria). — *Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"*, 55: 9-15.
- Nankinov D. 2000. Threatened animals of Bulgaria. Natural Conservation Status and Distribution in Ecosystems. — Prof. Marin Drinov Acad. Publ. House and Pensoft Publishers, Sofia, pp. 1-146.
- Nankinov D., Beshkov V., Deltšev C., Kalushkov P. 1995. Fauna of the Pirin and Slavyanka Mountains. — In: I. Zagorchev (Ed.), *Pirin: Geological guidebook*, Sofia, pp. 9-10.
- Naumova M. 2009. Contribution to the Study of the Spiders (Araneae) in Slavyanka Mountain (SW Bulgaria). — *Biotechnology and Biotechnological Equipment*, 23 (2): 104-108.
- Naumova M. 2018. A Review of the Distribution of Genus *Dolomedes* Latreille, 1804 (Araneae: Pisauridae) in the Balkan Peninsula, with Some New Records from Bulgaria. — *Acta zoologica bulgarica*, 70 (in press)
- Naumova M. V., Blagoev G., Lazarov S., Deltšev C. 2017. New faunistic data on the spider fauna of Bulgaria (Arachnida: Araneae) — *Acta zoologica bulgarica*, 71 (in press)
- Naumova M., Blagoev G., Lazarov S., Deltšev C. 2008. Spiders (Araneae) from Lyulin Mountain (West Bulgaria). — *Acta zoologica bulgarica*, 60 (3): 267-276.
- Naumova M., Hristovski S., Hristov G. 2016. Spiders (Arachnida: Araneae) from Prespa National Park, Albania. — *Acta zoologica bulgarica*, 68 (4): 503-511.
- Naumova M., Lazarov S., Petrov B., Deltšev C. 2016. New faunistic data on the cave-dwelling spiders in the Balkan Peninsula (Araneae). — *Ecologica Montenegrina*, 7: 425-438.
- Ovtsharenko V. 1979. Spiders of the families Gnaphosidae, Thomisidae, Lycosidae (Aranei) in the Great Caucasus. — *Proceedings of the Zoological Institute, Academy of Sciences of the USSR*, 85: 39-53.
- Pavesi P. 1876. Gli Aracnidi Turchi. — *Atti della Società Italiana di Scienze Naturali*, 19: 1-27.
- Pavlek M., Ribera C. 2017. *Kryptonesticus deelemanae* gen. et sp. nov. (Araneae, Nesticidae), with notes on the Mediterranean cave species. — *European Journal of Taxonomy*, 262: 1-27.
- Petrișor A. 1999. The catalogue of "Alexandru Roșca" collection of Araneae (Arachnida) from "Grigore Antipa" National Museum of Natural History (Bucharest). I. — *Travaux du Muséum National d'Histoire Naturelle "Grigore Antipa"*, Vol. 41: 65-78.
- Petrov B., Lazarov S. 2000. *Steatoda triangulosa* (Walckenaer, 1802) feeding on a European Blind Snake. — *Newsletter of the British Arachnological Society*, 88: 9-10.
- Popov A. 1969. La faune cavernicole dans la région du v. Gabare, distr. Vraca. — *Annuel Spéléologie*, Sofia, 1 (1968), 36-40: 43. (In Bulgarian)
- Popov A., Deltšev C., Hubenov Z., Beschovski V., Dobrev D., Guéorguiev B. 2000. Invertebrate fauna. — In: A. Popov et T. Meshinev (Eds.), *High mountain treeless zone of the Central Balkan National Park. Biological diversity and problems of its conservation*, BSBP, Sofia, pp. 339-416.
- Popov V., Deltšev C., Blagoev G., Krusteva I., Deltšev D. 2000. Epigeobiont animal assemblages from two landscapes of the Bulgarian Black Sea coast: Relationship to habitat type, assemblage structure and biodiversity. II. Spiders (Araneae). — *Acta zoologica bulgarica*, 52 (1): 51-88.
- Řezáč M., Růžička V., Oger P., Řezáčová V. 2018. European species of the *Gnaphosa alpica* complex (Araneae, Gnaphosidae). — *Zootaxa*, 4370: 289-294.
- Roșca A. 1939a. Neue Spinnenarten aus der Dobrogea (Rumänien). — *Zoologischer Anzeiger*, 125 (3/4): 91-96.
- Roșca A. 1939b. Araignée de Dobroudja. — *Buletinul de Facultății Științe din Cernăuți*, Vol. 12: 246-328
- Schwendinger P. 1990. A synopsis of the genus *Atypus* (Araneae, Atypidae). — *Zoologica Scripta*, 19: 353-366.
- Simon E. 1884. Etudes arachnologiques. 16e mémoire. 23. Matériaux pour servir à la faune des Arachnides de la Grèce. — *Annales de la Société Entomologique de France*, (6) 4: 305-356.
- Stoev P., Deltšev C., Bachvarova D., Doichinov A. 2014. Faunistic Diversity and Conservation Significance of the Cave Invertebrates in Special Protected Area Ponor (W Bulgaria). — *Acta zoologica bulgarica*, Supplement 5: 75-83.
- Stojčević D. 1929. [Les Araignées de Serbie. Araneae Sund.]. — *Glasnevin Museum de Historia Natural, Beograd*, 19: 1-65.
- Szita É., Samu F. 2000. Taxonomical review of *Thanatus* species (Philodromidae, Araneae) of Hungary. — *Acta Zoologica Academiae Scientiarum Hungaricae*, 46: 155-179.
- Thaler K., Helsdingen P. J. van, Deltšev C. 1994. Vikariante Verbreitung im Artenkomplex von *Lephyphantès annulatus* in Europa und ihre Deutung (Araneae, Linyphiidae). — *Zoologischer Anzeiger*, 232: 111-127.
- Thaler K., Knoflach B. 1998. Two new species and new records of the genus *Amaurobius* (Araneae, Amaurobiidae) from Greece. — In: P. A. Selden (Ed.), *Proceedings of the*

- 17th European Colloquium of Arachnology, Edinburgh, British Arachnological Society, Burnham Beeches, pp. 107-114.
- Tzonev G., Lazarov S. 2001. A Contribution to the Study of Spiders (Araneae) in Osogovo Mountain, South-West Bulgaria. — *Acta zoologica bulgarica*, 53 (2): 67-78.
- World Spider Catalog 2017. World Spider Catalog. — Natural History Museum Bern, online at <http://wsc.nmbe.ch>, version 18.0, accessed on February 2017.
- Wunderlich J. 1977. Zur Kenntnis der Lephyphanten nebulosus-Gruppe (Arachnida: Araneida: Linyphiidae). — *Senckenbergiana Biologica*, 58: 57-61.
- Wunderlich J. 1979. Revision der europäischen Arten der Gattung *Micaria* Westring, 1851, mit Anmerkungen zu den ubringen palaarktischen Arten (Arachnida: Araneida: Gnaphosidae). — *Zoologische Beiträge (Neue Folge)*, 25 (für 1979) (2): 233-340.
- Wunderlich J. 1984. Seltene und bisher unbekannte Wolfspinnen aus Mitteleuropa und Revision der *Pardosa saltuaria*-Gruppe (Arachnida: Araneae: Lycosidae). — *Verhandlungen des naturwissenschaftlichen Vereins in Hamburg, (N.F.)* 27: 417-442.
- Yurkevich M. 1904. [Twenty five years review of the Bulgarian Kingdom 1879-1904. Attempt at material collection]. — *Zemlevedenie, Sofia*, 1: 298. (In Bulgarian).

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### The Spiders (Araneae) of Bulgaria

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The spider group Haplogynae is represented in Bulgaria by 44 species belonging to six families. The Bulgarian haplogyne spiders are classified into 17...  
Haplogyne Spiders (Araneae) in Bulgaria: Faunistic and Zoogeographical Analysis. Stoyan Lazarov. Published: 4 September 2007. Spider venom is almost always harmless to humans. However, there are a few exceptions. In Europe there is one spider, called "Black widow", whose effects of the bite may hurt. The stories about her deadly venom are exaggerated. She lives in the southern parts of Europe. Recent, controlled, studies show that the necrotic or neurotoxic effects of spider bites are often mild and of no medical importance.  
Within the class Arachnida the spiders belong to the order called Araneae. *Argiope aurantia* from the USA. Arthropoda. The spiders are distributed in all districts of Bulgaria, occurring in lowlands, forests, mountains, caves and urban territories. According to their current distribution the established 975 species can be split into 27 zoogeographical categories, grouped into five major chorotypes (Cosmopolitan, Holarctic, European, Mediterranean, Endemics).  
A total of 326 species from 115 genera and 31 families of Araneae have been established in caves of the Balkan Peninsula so far. The species are distributed in different territories as follows: Bulgaria Turkey " eight; and Romania " four species. The largest number of troglobites are encountered in the Dinaric region " 113 (39 blind), Pindus region " 32 (eight blind), Thracian-Macedonian region " ...