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CHECKLIST OF SPIDERS (Araneae) OF BOSNIA AND HERZEGOVINA

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ABSTRACT

Komnenov, M. Sistematski pregled paukova (Araneae) Bosne i Hercegovine. The spider fauna of Bosnia & Herzegovina is still poorly known. It has never been studied in its entirety, despite contributions by many foreign arachnologists, and remains one of the least explored in the former Yugoslavia. A first checklist of spiders of Bosnia & Herzegovina, comprising 165 species belonging to 27 families and 103 genera, is given on the basis of critical review of existing literature records on the distribution of spiders in the studied area. The spider fauna is best characterized by cavernicolous spiders represented by 43 species: 15 trogliphiles and 29 troglobites (14 blind). According to present data, the spider fauna of Bosnia & Herzegovina is (after Albania and Montenegro) among the least investigated in the Balkans.

Key words: spiders, checklist, Bosnia & Herzegovina.

INTRODUCTION

Arachnology is a neglected science in Bosnia & Herzegovina. Its spider fauna has never been studied in its entirety, despite contributions by many foreign arachnologists and remains one of the least explored in the former Yugoslavia.

The main challenge for compiling this checklist was placing localities recorded in the literature within the modern borders of Bosnia & Herzegovina. The situation is complicated by the fact that in some historical periods the territory of Bosnia & Herzegovina was part of or was occupied by other countries or empires (e.g. the Romans, Ottomans or the Austro-Hungarian monarchy) and material from these periods was labeled accordingly. Some of the place names were probably misspelled, others are very common and present in several countries. For example, there are many records in the literature which were reported only as 'Dalmatia', but in fact lie outside the present borders of Bosnia & Herzegovina. Dalmatia is a historical region which today is divided politically between two independent countries: Croatia and Montenegro. In some papers, however, the distribution was given as Yugoslavia only.

The history of investigation of the spider fauna in Bosnia & Herzegovina can be provisionally divided into three periods: 1864–1931, 1932–1978, and 1979 to the present.

The information about occurrence of the spider *Lycosa tarantula* on the territory of Bosnia & Herzegovina in the work of Erber (1864) "*Beiträge zur Lebensweise der Tarantel*", represents the first published record on spiders in the country. Supplementary data can be found in the papers of Absolon, (1913), Baum (1930), Fage (1919, 1931), Gasperini (1891), Kulczyński (1905, 1906, 1913, 1914, 1915), Möllendorf (1873), Nosek (1905) and Reimoser (1919, 1920, 1930). Among these papers, only three (Absolon, 1913; Möllendorf, 1873 and Nosek, 1905) were specifically devoted to the spider fauna of Bosnia & Herzegovina.

The second period began, when Kratochvíl started his work on spiders in the Balkan Peninsula. He focused mainly on spiders in Balkan caves. Thanks to his artistic ability, he produced excellent taxonomical drawings, remarkable for that time. Major contributions to spider studies were made by Absolon & Kratochvíl (1932, 1933), Brignoli (1971a, 1971b, 1974, 1977), Deeleman-Reinhold (1971, 1974, 1978a, 1978b), Dresny (1936), Dresco (1962), Fage (1943), Giltay (1932), Helsdingen, Thaler & Deltshv (1977), Kolosváry (1938), Kratochvíl (1933, 1934, 1935, 1938a, 1938b, 1940, 1948, 1970, 1978), Kratochvíl & Miller (1938, 1940), Miller (1978) and Šilhavý (1944). The majority of the endogean and troglobitic

spider species from Bosnia & Herzegovina were largely discovered during this second period.

In the third, or modern period, after the collapse of the former Yugoslavia (Socialist Federal Republic of Yugoslavia), the study of spiders in Bosnia & Herzegovina decreased in intensity because of military conflicts, lack of funding and other reasons. During this period most studies were based on museum material collected previously. Some data concerning the spiders of Bosnia & Herzegovina can be found in the papers of Blauwe (1980), Bosmans (1997, 1999), Brignoli (1980), Deeleman-Reinhold (1983, 1985, 1993), Deeleman-Reinhold & Deeleman (1988), Deltchev (1988), Knoflach (1992, 1996), Knoflach & Thaler (2000), Nikolic & Polenc (1981), Rezac, Král & Pekár (2008), Senglet (2001), Thaler, Van Harten & Knoflach, (2004), Vanuytven, Van Keer & Poot (1994) and Wesolowska (1986). Possibly one of the main reasons for this state of affairs is the fact that long after the end of the war in 1995, there are still minefields throughout the country covering almost 4 percent of the surface of Bosnia & Herzegovina, making it the most mine-ridden country in Europe.

The aim of the present paper is to present the first checklist based on literature records concerning the distribution of spiders in Bosnia & Herzegovina. Original material, collected by the author in various expeditions throughout the country, will be published in successive papers. The following checklist is thus preliminary, but will hopefully be useful for environmental management and planning, as well as a starting point for further biological studies of the regional spider fauna.

Study Area

Bosnia & Herzegovina is situated in the central part of the Balkan Peninsula, with an area of 51,129 km² and is bordered by Slovenia to the northwest, Croatia to the north, Serbia to the south and Montenegro to the southwest. The country is almost completely landlocked and has a coastline of only 20 kilometers. The country's name comes from the two regions Bosnia and Herzegovina, which have only a very vaguely defined border between them. Bosnia is the larger geographic region of the modern state with a moderate continental climate, marked by hot summers and cold, snowy winters. The smaller Herzegovina is at the southern tip of the country, with Mediterranean-like climate. The central and southern regions are mountainous. Bosnia & Herzegovina according to economy is ranked next to Macedonia as the poorest republic in the old Yugoslav federation.

METHODS

The present checklist is based on the critical incorporation of all available published records on the distribution of spiders in Bosnia & Herzegovina. The order of the families, the assignment of genera to the respective family, the names of the species and distributions are listed according to Platnick (2009). Species described from Bosnia & Herzegovina in the checklist are marked by an asterisk (*).

RESULTS AND DISCUSSION

A total of 165 spider species from 27 families and 103 genera has been recorded in the present study from Bosnia & Herzegovina. Best represented are the families Linyphiidae (31), Dysderidae (18) and Salticidae (13). The genera with the highest number of species are: *Troglohyphantes* (15), *Dysdera* and *Xysticus* (6), and *Nesticus*, *Pardosa* and *Heliophanus* (4). 42 species have been described from Bosnia & Herzegovina and 28 of them are endemic to the country.

It should be emphasized that the spider fauna of Bosnia & Herzegovina is best characterized by cavernicolous spiders (Tab. 1). The spiders established in caves are represented by 43 species: 15 trogloniles and 29 troglobites (14 blind). In this analysis, trogloniles species are not included. It should be pointed out that of the 29 troglobites, as

many as 23 species are endemic to the country. The endemics are best represented in the genus *Troglohyphantes* which is a remarkable faunistic phenomenon, since out of a total of 15 species, 14 are endemics to Bosnia & Herzegovina. Only *Troglohyphantes troglodytes* (Kulczyński, 1914) has been found outside cave (Deeleman-Reinhold, 1978b).

Bearing in mind the high number of troglobite spiders in caves, it can be concluded, that the cave spider fauna of Bosnia & Herzegovina is best characterized by the troglobites.

Tab. 1: List of cavernicolous spiders in Bosnia & Herzegovina (tph - troglophile, tb - troglobite, tbb - troglobite blind, BHE – endemic to Bosnia & Herzegovina, LT – locus typicus in Bosnia & Herzegovina).

SPECIES	CAT	BHE	LT
1. <i>Carpathonesticus parvus</i> (Kulczyński, 1914)	tbb	+	+
2. <i>Centromerus subcaecus</i> Kulczyński, 1914	tb		+
3. <i>Fageiella patellata</i> (Kulczyński, 1913)	tph	+	+
4. <i>Folkia pauciaculeata</i> (Fage, 1943)	tbb	+	+
5. <i>Histocona conveniens</i> (Kulczyński, 1914)	tph		+
6. <i>Histocona dubia</i> (Absolon & Kratochvil, 1933)	tph		+
7. <i>Lepthyphantes centromeroides</i> Kulczyński, 1914	tph		+
8. <i>Malthonica annulata</i> (Kulczyński, 1913)	tph		+
9. <i>Mesostalita kratochvili</i> Deeleman Reinhold, 1971	tbb	+	+
10. <i>Meta menardi</i> (Latreille, 1804)	tph		
11. <i>Metellina merianae</i> (Scopoli, 1763)	tph		
12. <i>Nesticus arenstorffi</i> Kulczyński, 1914	tb	+	+
13. <i>Nesticus cellulanus</i> (Clerck, 1757)	tph		
14. <i>Nesticus eremita</i> Simon, 1879	tph		
15. <i>Nesticus fagei</i> Kratochvil, 1933	tb		+
16. <i>Palliduphantes istrianus</i> (Kulczyński, 1914)	tb		
17. <i>Palliduphantes spelaeorum</i> Kulczyński, 1914	tb		+
18. <i>Parastalita stygia</i> (Joseph, 1882)	tbb		
19. <i>Porrhomma convexum</i> (Westring, 1851)	tph		
20. <i>Pseudotegenaria bosnica</i> (Kratochvil & Miller, 1940)	tph		+
21. <i>Rhode stalitoides</i> Deeleman-Reinhold, 1978	tbb	+	+
22. <i>Rhode subterranea</i> (Kratochvil, 1935)	tbb	+	+
23. <i>Stalagtia hercegovinensis</i> (Nosek, 1905)	tbb		+
24. <i>Stalitella noseki</i> Absolon & Kratochvil, 1933	tbb	+	+
25. <i>Stygopholcus absoloni</i> (Kulczyński, 1914)	tph		+
26. <i>Stygopholcus skotophilus</i> Kratochvil, 1940	tph		
27. <i>Sulcia oculata</i> Kratochvil, 1938	tb	+	+
28. <i>Sulcia orientalis</i> (Kulczyński, 1914)	tb	+	+
29. <i>Troglohyphantes affinis</i> (Kulczyński, 1914)	tbb		
30. <i>Troglohyphantes brevipes</i> Deeleman-Reinhold, 1978	tb	+	+
31. <i>Troglohyphantes dekingae</i> Deeleman-Reinhold, 1978	tb	+	+
32. <i>Troglohyph. dekingae pauciaculeatus</i> Deeleman-Reinhold, 1978	tb	+	+
33. <i>Troglohyphantes fallax</i> Deeleman-Reinhold, 1978	tbb	+	+

SPECIES	CAT	BHE	LT
34. <i>Troglohyphantes fugax</i> (Kulczyński, 1914)	tbb	+	+
35. <i>Troglohyphantes hadzii</i> Kratochvil, 1934	tb	+	+
36. <i>Troglohyphantes lesserti</i> Kratochvil, 1935	tbb		
37. <i>Troglohyphantes milleri</i> Kratochvil, 1948	tb	+	+
38. <i>Troglohyphantes montanus</i> Absolon & Kratochvil, 1932	tb	+	+
39. <i>Troglohyphantes pugnax</i> Deeleman-Reinhold, 1978	tbb	+	+
40. <i>Troglohyphantes salax</i> (Kulczyński, 1914)	tbb	+	+
41. <i>Troglohyphantes svilajensis bosnicus</i> (Kratochvil, 1948)	tb	+	+
42. <i>Troglohyphantes troglodytes</i> (Kulczyński, 1914)	tph	+	+
43. <i>Troglohyphantes wiebesi</i> Deeleman-Reinhold, 1978	tb	+	+

From an arachnological point of view Bosnia & Herzegovina is (after Albania and Montenegro) the least investigated territory of the Balkan Peninsula (Deltshev, 1999). The fauna of the country is not yet fully documented and there are several territories that are still completely uninvestigated. Taking into account the central geographic position of the country in the Balkan Peninsula and the great number of endemics, much higher species diversity can be expected, especially when systematic investigations can be carried out.

CHECKLIST

ATYPIDAE

Atypus affinis Eichwald, 1830

Nikolic & Polenec, 1981

Distribution: Britain to Ukraine, North Africa

SCYTODIDAE

Scytodes thoracica (Latreille, 1802)

Reimoser, 1920; Nikolic & Polenec, 1981

Distribution: Holarctic, Pacific Is

LEPTONETIDAE

Barusia maheni (Kratochvil & Miller, 1939)

Brignoli, 1974b

Distribution: Croatia, Bosnia & Herzegovina.

**Sulcia oculata* Kratochvil, 1938

Dresco, 1962; Kratochvil, 1938b, 1978; Nikolic & Polenec, 1981

Distribution: Bosnia & Herzegovina

**Sulcia orientalis* (Kulczyński, 1914)

Kratochvil, 1934, 1938b, 1978; Kulczyński, 1914; Nikolic & Polenec, 1981

Distribution: Bosnia & Herzegovina

PHOLCIDAE

Pholcus opilionoides (Schrank, 1781)

Brignoli, 1971b; Nikolic & Polenec, 1981

Distribution: Holarctic

Pholcus phalangioides (Fuesslin, 1775)

Nikolic & Polenec, 1981

Distribution: Cosmopolitan

**Stygopholcus absoloni* (Kulczyński, 1914)

Brignoli, 1971b; Kratochvíl, 1934, 1940, 1978; Kulczyński, 1914; Nikolic & Polenec, 1981; Senglet, 2001

Distribution: Bosnia & Herzegovina, Croatia

Stygopholcus skotophilus Kratochvíl, 1940

Brignoli, 1971; Kratochvíl, 1940; Nikolic & Polenec, 1981; Senglet, 2001

Distribution: Bosnia & Herzegovina, Montenegro

SEGESTRIIDAE

Segestria senoculata (Linnaeus, 1758)

Möllendorf, 1873

Distribution: Palearctic

DYSDERIDAE

Dasumia amoena (Kulczyński, 1897)

Kulczyński, 1915

Distribution: Eastern Europe, Russia

Dysdera adriatica Kulczyński, 1897

Deeleman-Reinhold & Deeleman, 1988

Distribution: Austria, Balkans

Dysdera bottazziae Caporiacco, 1951

Deeleman-Reinhold & Deeleman, 1988

Distribution: Italy, Croatia, Bosnia & Herzegovina

Dysdera erythrina (Walckenaer, 1802)

Möllendorf, 1873

Distribution: Europe to Georgia

Dysdera granulata Kulczyński, 1897

Deeleman-Reinhold & Deeleman, 1988

Distribution: Italy, Balkans, Albania

Dysdera ninnii Canestrini, 1868

Rezác, Král & Pekár, 2008

Distribution: Central, Southern Europe to Ukraine

Dysdera pretneri Deeleman-Reinhold, 1988

Deeleman-Reinhold & Deeleman, 1988

Distribution: Croatia, Montenegro, Greece, Corfu

**Dysderokrates silvestris* Deeleman-Reinhold, 1988

Deeleman-Reinhold & Deeleman, 1988

Distribution: Bosnia & Herzegovina, Montenegro

**Folkia pauciaculeata* (Fage, 1943)

Fage, 1943; Kratochvíl, 1978; Nikolic & Polenec, 1981

Distribution: Bosnia & Herzegovina

**Harpactea henschi* (Kulczyński, 1915)

Kulczyński, 1915

Distribution: Bosnia & Herzegovina

Harpactea hombergi (Scopoli, 1763)

Möllendorf, 1873

Distribution: Europe to Ukraine

- **Kaemis vernalis* Deeleman-Reinhold, 1993
Deeleman-Reinhold, 1993
Distribution: Bosnia & Herzegovina, Montenegro, Croatia
- **Mesostalita kratochvili* Deeleman Reinhold, 1971
Deeleman Reinhold, 1971; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina
- Parastalita stygia* (Joseph, 1882)
Deeleman Reinhold, 1971; Nikolic & Polenec, 1981
Distribution: Italy, Croatia, Bosnia & Herzegovina
- **Rhode stalitoides* Deeleman-Reinhold, 1978
Deeleman-Reinhold, 1978a; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina
- **Rhode subterranea* (Kratochvil, 1935)
Kratochvil, 1934, 1935; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina
- **Stalagtia hercegovinensis* (Nosek, 1905)
Absolon, 1913; Brignoli, 1971a; Deeleman-Reinhold, 1993; Drensky, 1936; Kratochvil, 1970, 1978; Nikolic & Polenec, 1981; Nosek, 1905; Reimoser, 1919
Distribution: Bosnia & Herzegovina, Croatia
- **Stalitella noseki* Absolon & Kratochvil, 1933
Absolon & Kratochvil, 1933; Deeleman-Reinhold, 1971; Kratochvil, 1970; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina
- MIMETIDAE
- Ero furcata* (Villers, 1789)
Thaler, van Harten & Knoflach, 2004
Distribution: Palearctic
- NESTICIDAE
- **Carpathonesticus parvus* (Kulczyński, 1914)
Brignoli, 1971a; Deeleman-Reinhold, 1974; Drensky, 1936; Fage, 1931; Kratochvil, 1933, 1934; Kulczyński, 1914; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina
- **Nesticus arenstorffi* Kulczyński, 1914
Deeleman-Reinhold, 1974; Drensky, 1936; Fage, 1931; Kratochvil, 1933, 1934; Kulczyński, 1914; Nikolic & Polenec, 1981; Reimoser, 1930
Distribution: Bosnia & Herzegovina
- Nesticus cellulanus* (Clerck, 1757)
Absolon, 1913; Deeleman-Reinhold, 1978b; Drensky, 1936; Kratochvil, 1933, 1934; Nikolic & Polenec, 1981
Distribution: Holarctic
- Nesticus eremita* Simon, 1879
Kratochvil, 1933, 1934
Distribution: Europe
- **Nesticus fagei* Kratochvil, 1933
Drensky, 1936; Kratochvil, 1933, 1934; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina, Montenegro, Italy

THERIDIIDAE

Asagena phalerata (Panzer, 1801)

Knoflach, 1996; Vanuytven, Van Keer & Poot, 1994
Distribution: Palearctic

Dipoena melanogaster (C. L. Koch, 1837)

Kolosváry, 1938
Distribution: Europe, North Africa to Azerbaijan

Enoplognatha afrodite Hippa & Oksala, 1983

Bosmans, 1999; Vanuytven, Van Keer & Poot, 1994
Distribution: Southern Europe

Enoplognatha latimana Hippa & Oksala, 1982

Bosmans, 1999
Distribution: Holarctic

Enoplognatha thoracica (Hahn, 1833)

Bosmans, 1999; Vanuytven, Van Keer & Poot, 1994
Distribution: Holarctic

Kochiura aulica (C. L. Koch, 1838)

Vanuytven, Van Keer & Poot, 1994
Distribution: Canary Is., Cape Verde Is. to Azerbaijan

Latrodectus tredecimguttatus (Rossi, 1790)

Nikolic & Polenec, 1981
Distribution: Mediterranean to China

Neottiura herbigrada (Simon, 1873)

Vanuytven, Van Keer & Poot, 1994
Distribution: France, Madeira, to Israel, China, Korea

Platnickina tinctoria (Walckenaer, 1802)

Möllendorf, 1873
Distribution: Holarctic

Rhomphaea rostrata (Simon, 1873)

Drensky, 1936; Kulczyński, 1905; Nikolic & Polenec, 1981; Reimoser, 1919
Distribution: Mediterranean

Robertus mediterraneus Eskov, 1987

Knoflach, 1992; Knoflach & Thaler, 2000
Distribution: Mediterranean, Russia

Seycellocesa pulchellus (Walckenaer, 1802)

Vanuytven, Van Keer & Poot, 1994
Distribution: Europe to Russia, North Africa

Steatoda bipunctata (Linnaeus, 1758)

Möllendorf, 1873
Distribution: Holarctic

Steatoda castanea (Clerck, 1757)

Drensky, 1936; Möllendorf, 1873
Distribution: Palearctic (Canada, introduced)

Steatoda paykulliana (Walckenaer, 1805)

Vanuytven, Van Keer & Poot, 1994
Distribution: Europe, Mediterranean to Central Asia

LINYPHIIDAE

- **Centromerus subcaecus* Kulczyński, 1914
Kratochvíl, 1934; Kratochvíl & Miller, 1938; Kulczyński, 1914; Nikolic & Polenec, 1981
Distribution: Europe
- Ceratinella brevipes* (Westring, 1851)
Kolosváry, 1938
Distribution: Palearctic
- **Fageiella patellata* (Kulczyński, 1913)
Absolon, 1913; Deeleman Reinhold, 1974; Deltshv, 1988; Drensky, 1936; Kratochvíl, 1934; Kulczyński, 1913; Nikolic & Polenec, 1981; Reimoser, 1919
Distribution: Bosnia & Herzegovina
- Floronia bucculenta* (Clerck, 1757)
Möllendorf, 1873
Distribution: Europe, Russia
- Frontinellina frutetorum* (C. L. Koch, 1834)
Kolosváry, 1938
Distribution: Palearctic
- **Lepthyphantes centromeroides* Kulczyński, 1914
Deeleman-Reinhold, 1978b; Drensky, 1936; Kratochvíl, 1934; Kulczyński, 1914; Nikolic & Polenec, 1981
Distribution: Balkans, Bulgaria, Romania
- Lepthyphantes leprosus* (Ohlert, 1865)
Absolon, 1913
Distribution: Holarctic, Chile
- Linyphia triangularis* (Clerck, 1757)
Möllendorf, 1873
Distribution: Palearctic, introduced in USA
- Palliduphantes istrianus* (Kulczyński, 1914)
Deeleman-Reinhold, 1985
Distribution: Eastern Europe
- Palliduphantes pallidus* (O. P.-Cambridge, 1871)
Deeleman-Reinhold, 1985
Distribution: Palearctic
- **Palliduphantes spelaeorum* Kulczyński, 1914
Brignoli, 1971a; Deeleman-Reinhold, 1974, 1985; Drensky, 1936; Kratochvíl, 1934; Kulczyński, 1914; Miller, 1978; Nikolic & Polenec, 1981
Distribution: Balkans, Bulgaria, Greece
- Porrhomma convexum* (Westring, 1851)
Brignoli, 1971a; Nikolic & Polenec, 1981
Distribution: Palearctic
- **Syedra caporiaccoi* Kolosváry, 1938
Kolosváry, 1938
Distribution: Bosnia & Herzegovina
- Tenuiphantes flavipes* (Blackwall, 1854)
Helsdingen, Thaler & Deltshv, 1977
Distribution: Palearctic

Tenuiphantes tenebricola (Wider, 1834)

Möllendorf, 1873; Drensky, 1936; Nikolic & Polenec, 1981
Distribution: Palearctic

Theonina cornix (Simon, 1881)

Kolosváry, 1938
Distribution: Europe, North Africa, Russia

Troglohyphantes affinis (Kulczyński, 1914)

Deeleman-Reinhold, 1978b; Nikolic & Polenec, 1981
Distribution: Croatia, Bosnia & Herzegovina

**Troglohyphantes brevipes* Deeleman-Reinhold, 1978

Deeleman-Reinhold, 1978b; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes dekingae* Deeleman-Reinhold, 1978

Deeleman-Reinhold, 1978b; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes dekingae pauciaculeatus* Deeleman-Reinhold, 1978

Deeleman-Reinhold, 1978b; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes fallax* Deeleman-Reinhold, 1978

Deeleman-Reinhold, 1978b; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes fugax* (Kulczyński, 1914)

Deeleman-Reinhold, 1978b; Drensky, 1936; Fage, 1919, 1931; Kratochvil, 1934;
Kulczyński, 1914; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes hadzii* Kratochvil, 1934

Brignoli, 1980; Deeleman-Reinhold, 1978b; Kratochvil, 1934; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

Troglohyphantes leserti Kratochvil, 1935

Deeleman-Reinhold, 1978b
Distribution: Montenegro, Bosnia & Herzegovina

**Troglohyphantes milleri* Kratochvil, 1948

Kratochvil, 1948; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes montanus* Absolon & Kratochvil, 1932

Absolon & Kratochvil, 1932; Drensky, 1936; Kratochvil, 1934
Distribution: Bosnia & Herzegovina

**Troglohyphantes pugnax* Deeleman-Reinhold, 1978

Deeleman-Reinhold, 1978b; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes salax* (Kulczyński, 1914)

Deeleman-Reinhold, 1978b; Drensky, 1936; Fage, 1919, 1931; Kratochvil, 1934;
Kulczyński, 1914; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes svilajensis bosnicus* (Kratochvil, 1948)

Kratochvil, 1948; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes troglodytes* (Kulczyński, 1914)
Deeleman-Reinhold, 1978b; Drensky, 1936; Fage, 1919, 1931; Kratochvíl, 1934;
Kulczyński, 1914; Nikolic & Polenec, 1981
Distribution: Bosnia & Herzegovina

**Troglohyphantes wiebesi* Deeleman-Reinhold, 1978
Deeleman-Reinhold, 1978b
Distribution: Bosnia & Herzegovina

TETRAGNATHIDAE

Meta menardi (Latreille, 1804)
Absolon, 1913; Deeleman-Reinhold, 1978b; Kratochvíl, 1934; Nikolic & Polenec, 1981
Distribution: Europe to Korea

Metellina merianae (Scopoli, 1763)
Absolon, 1913; Brignoli, 1971a, 1980; Nikolic & Polenec, 1981, Nosek, 1905
Distribution: Europe to Georgia

Metellina segmentata (Clerck, 1757)
Kolosváry, 1938; Möllendorf, 1873.
Distribution: Palearctic (Canada, introduced)

Pachygnatha degeeri Sundevall, 1830
Möllendorf, 1873
Distribution: Palearctic

Tetragnatha extensa (Linne, 1758)
Kolosváry, 1938
Distribution: Holarctic, Madeira

ARANEIDAE

Aculepeira ceropegia (Walckenaer, 1802)
Gasperini, 1891
Distribution: Palearctic

Agalenatea redii (Scopoli, 1763)
Möllendorf, 1873; Nikolic & Polenec, 1981
Distribution: Palearctic

Araneus circe (Audouin, 1826)
Drensky, 1936; Gasperini, 1891; Möllendorf, 1873; Nikolic & Polenec, 1981
Distribution: Palearctic

Araneus diadematus Clerck, 1757
Gasperini, 1891; Nikolic & Polenec, 1981
Distribution: Holarctic

Araniella cucurbitina (Clerck, 1757)
Kolosváry, 1938
Distribution: Palearctic

Hypsosinga albovittata (Westring, 1851)
Nikolic & Polenec, 1981
Distribution: Europe, North Africa, Russia, Ukraine

Larinioides patagiatus (Clerck, 1757)
Kolosváry, 1938
Distribution: Holarctic

Larinioides sclopetarius (Clerck, 1757)

Möllendorf, 1873

Distribution: Holarctic

Nuctenea umbratica (Clerck, 1757)

Drensky, 1936; Möllendorf, 1873

Distribution: Europe to Azerbaijan

Zilla diodia (Walckenaer, 1802)

Kolosváry, 1938

Distribution: Europe to Azerbaijan

Zygiella keyserlingi (Ausserer, 1871)

Drensky, 1936; Möllendorf, 1873; Nikolic & Polenec, 1981; Reimoser, 1919

Distribution: Southern Europe, Ukraine

LYCOSIDAE

Alopecosa accentuata (Latreille, 1817)

Möllendorf, 1873

Distribution: Palearctic

Alopecosa cuneata (Clerck, 1757)

Möllendorf, 1873

Distribution: Palearctic

Alopecosa inquilina (Clerck, 1757)

Baum, 1930; Möllendorf, 1873

Distribution: Palearctic

Arctosa cinerea (Fabricius, 1777)

Nikolic, Polenec, 1981

Distribution: Palearctic, Congo

Arctosa maculata (Hahn, 1822)

Drensky, 1936; Reimoser, 1919

Distribution: Europe, Russia

Lycosa tarantula (Linnaeus, 1758)

Erber, 1864; Drensky, 1936; Kolosváry, 1938

Distribution: Southeastern Europe, Mediterranean, Near East

Pardosa amentata (Clerck, 1757)

Möllendorf, 1873

Distribution: Europe, Russia

Pardosa hortensis (Thorell, 1872)

Möllendorf, 1873

Distribution: Palearctic

Pardosa lugubris (Walckenaer, 1802)

Möllendorf, 1873

Distribution: Palearctic

Pardosa morosa (L. Koch, 1870)

Baum, 1930

Distribution: Europe to Central Asia

Trochosa terricola Thorell, 1856

Gasparini, 1891; Möllendorf, 1873

Distribution: Holarctic

PISAURIDAE

Pisaura mirabilis (Clerck, 1757)

Möllendorf, 1873

Distribution: Palearctic

AGELENIDAE

Agelena gracilens (C. L. Koch, 1841)

Möllendorf, 1873

Distribution: Central Europe, Mediterranean to Central Asia

**Histopona conveniens* (Kulczyński, 1914)

Absolon, 1913; Deeleman-Reinhold, 1983; Drensky, 1936; Kratochvil, 1934; Kulczyński, 1914; Nikolic & Polenec, 1981; Nosek, 1905; Reimoser, 1919

Distribution: Bosnia & Herzegovina, Croatia, Montenegro

**Histopona dubia* (Absolon & Kratochvil, 1933)

Absolon & Kratochvil, 1933; Deeleman-Reinhold, 1983; Drensky, 1936; Fage, 1931; Kratochvil, 1934, 1938a; Nikolic & Polenec, 1981

Distribution: Croatia, Bosnia & Herzegovina

Histopona luxurians (Kulczyński, 1897)

Deeleman-Reinhold, 1983; Kratochvil, 1934; Nikolic & Polenec, 1981

Distribution: Austria, Eastern Europe

**Malthonica annulata* (Kulczyński, 1913)

Absolon, 1913; Brignoli, 1971a; Drensky, 1936; Kratochvil, 1934; Kulczyński, 1913, 1914; Nikolic & Polenec, 1981; Reimoser, 1919

Distribution: Bosnia & Herzegovina, Croatia

Pseudotegenaria bayeri (Kratochvil, 1934)

Nikolic & Polenec, 1981

Distribution: Montenegro, Bosnia & Herzegovina

**Pseudotegenaria bosnica* (Kratochvil & Miller, 1940)

Kratochvil & Miller, 1940; Nikolic & Polenec, 1981

Distribution: Bosnia & Herzegovina, Croatia

Tegenaria domestica (Clerck, 1757)

Möllendorf, 1873

Distribution: Cosmopolitan

**Textrix chyzeri* de Blauwe, 1980

Blauwe, 1980

Distribution: Bosnia & Herzegovina

CYBAEIDAE

Argyroneta aquatica (Clerck, 1757)

Nikolic & Polenec, 1981

Distribution: Palearctic

DICTYNIDAE

Cicurina cicur (Fabricius, 1793)

Absolon, 1913; Kratochvil, 1934; Nosek, 1905

Distribution: Europe to Central Asia

Dictyna uncinata Thorell, 1856

Kolosváry, 1938; Möllendorf, 1873

Distribution: Palearctic

Mastigusa macrophthalma (Kulczyński, 1897)

Brignoli, 1971a

Distribution: Hungary, Balkans, Russia

Nigma walckenaeri (Roewer, 1951)

Möllendorf, 1873

Distribution: Palearctic

AMAUROBIIDAE

**Amaurobius drenskii* Kratochvíl, 1934

Kratochvíl, 1934; Nikolic & Polenec, 1981

Distribution: Bosnia & Herzegovina

**Amaurobius hercegovinensis* Kulczyński, 1915

Kulczyński, 1915

Distribution: Bosnia & Herzegovina

Eurocoelotes falciger (Kulczyński, 1897)

Brignoli, 1977

Distribution: Eastern Europe

**Eurocoelotes karlinskii* (Kulczyński, 1906)

Drensky, 1936; Kulczyński, 1906; Nikolic & Polenec, 1981; Reimoser, 1919

Distribution: Southeastern Europe

ANYPHAENIDAE

Anyphaena accentuata (Walckenaer, 1802)

Kolosváry, 1938

Distribution: Europe to Central Asia

LIOCRANIDAE

Liocranum rupicola (Walckenaer, 1830)

Drensky, 1936; Möllendorf, 1873; Nikolic & Polenec, 1981

Distribution: Europe, Russia

Sagana rutilans (Thorell, 1875)

Kratochvíl, 1934; Nikolic & Polenec, 1981

Distribution: Europe to Georgia

CLUBIONIDAE

Clubiona caerulescens L. Koch, 1867

Kolosváry, 1938

Distribution: Palearctic

Clubiona comta C. L. Koch, 1839

Kolosváry, 1938

Distribution: Europe, Russia, North Africa

Clubiona germanica Thorell, 1871

Möllendorf, 1873

Distribution: Palearctic

ZODARIIDAE

Zodarion pusio Simon, 1914

Bosmans, 1997

Distribution: France, Italy, Tunisia, Bosnia & Herzegovina

GNAPHOSIDAE

Drassodes lapidosus (Walckenaer, 1802)

Baum, 1930; Drensky, 1936; Möllendorf, 1873; Nikolic & Polenec, 1981

Distribution: Palearctic

Drassyllus praeficus (L. Koch, 1866)

Drensky, 1936; Giltay, 1932; Nikolic & Polenec, 1981

Distribution: Europe to Central Asia

Gnaphosa lucifuga (Walckenaer, 1802)

Drensky, 1936; Möllendorf, 1873

Distribution: Palearctic

Scotophaeus scutulatus (L. Koch, 1866)

Kolosváry, 1938

Distribution: Europe to Central Asia, Algeria

Zelotes erebeus (Thorell, 1871)

Drensky, 1936; Giltay, 1932

Distribution: Europe to Georgia

SPARASSIDAE

Micrommata virescens (Clerck, 1757)

Möllendorf, 1873; Drensky, 1936; Nikolic & Polenec, 1981

Distribution: Palearctic

PHILODROMIDAE

Philodromus aureolus (Clerck, 1757)

Drensky, 1936; Möllendorf, 1873; Kolosváry, 1938; Nikolic & Polenec, 1981

Distribution: Palearctic

Philodromus dispar Walckenaer, 1826

Kolosváry, 1938

Distribution: Europe to Central Asia (USA, Canada, introduced)

THOMISIDAE

Diaea dorsata (Fabricius, 1777)

Kolosváry, 1938

Distribution: Palearctic

Misumena vatia (Clerck, 1757)

Möllendorf, 1873

Distribution: Holarctic

Ozyptila praticola (C. L. Koch, 1837)

Kolosváry, 1938

Distribution: Holarctic

Thomisus onustus Walckenaer, 1806

Nikolic & Polenec, 1981

Distribution: Palearctic

Tmarus piger (Walckenaer, 1802)

Kolosváry, 1938

Distribution: Palearctic

Xysticus audax (Schrank, 1803)

Kolosváry, 1938

Distribution: Palearctic

Xysticus cristatus (Clerck, 1757)

Drensky, 1936; Möllendorf, 1873; Nikolic & Polenec, 1981
Distribution: Palearctic

Xysticus kochi Thorell, 1872

Drensky, 1936; Giltay, 1932; Nikolic & Polenec, 1981
Distribution: Europe, Mediterranean to Central Asia

Xysticus luctator L. Koch, 1870

Drensky, 1936; Möllendorf, 1873
Distribution: Palearctic

Xysticus sabulosus (Hahn, 1832)

Nikolic & Polenec, 1981
Distribution: Palearctic

**Xysticus tenebrosus* Silhavy, 1944

Šilhavý, 1944
Distribution: East Mediterranean

SALTICIDAE

Ballus chalybeius (Walckenaer, 1802)

Kolosváry, 1938
Distribution: Europe, North Africa to Central Asia

Dendryphantès rudis (Sundevall, 1833)

Kolosváry, 1938
Distribution: Palearctic

Evarcha arcuata (Clerck, 1757)

Kolosváry, 1938
Distribution: Palearctic

Evarcha falcata (Clerck, 1757)

Gasparini, 1891; Möllendorf, 1873
Distribution: Palearctic

Heliophanus auratus C.L. Koch, 1835

Wesołowska, 1986
Distribution: Palearctic

Heliophanus cupreus (Walckenaer, 1802)

Drensky, 1936; Kolosváry, 1938; Möllendorf, 1873; Nikolic & Polenec, 1981
Distribution: Palearctic

Heliophanus flavipes (Hahn, 1832)

Kolosváry, 1938
Distribution: Palearctic

Heliophanus kochii Simon, 1868

Wesołowska, 1986
Distribution: Palearctic

Marpissa balcanica Kratochvil, 1932

Kratochvil, 1934; Nikolic & Polenec, 1981
Distribution: Croatia, Bosnia & Herzegovina

Marpissa muscosa (Clerck, 1757)

Möllendorf, 1873
Distribution: Palearctic

Myrmarachne formicaria (De Geer, 1778)

Nikolic & Polenec, 1981

Distribution: Palearctic, USA (introduced).

Neon pictus Kulczyński, 1891

Kolosváry, 1938

Distribution: Southeastern Europe to Central Asia.

Philaeus chrysops (Poda, 1761)

Möllendorf, 1873

Distribution: Palearctic

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SUMMARY

Fauna paukova Bosne i Hercegovine je još uvek slabo istražena. Uprkos doprinosu brojnih stranih arahnologa ona nikada nije bila sistematski proučavana i spada u jednu od najslabije istraženih na prostorima bivše Jugoslavije. U ovom radu je po prvi put data lista paukova Bosne i Hercegovine, sa 165 navedenih vrsta iz 27 familija i 103 roda. Ovaj broj je dobijen kritičkom analizom svih postojećih literaturnih podataka koji se odnose na distribuciju paukova u Bosni i Hercegovini. Poseban karakter fauni ovog prostora daju pećinski pauci. U pećinama Bosne i Hercegovine registrovane su 43 vrste paukova, od kojih 15 troglofila i 29 troglobionata (14 slijepih). Na osnovu trenutnog poznavanja, fauna paukova Bosne i Hercegovine (posle Albanije i Crne Gore) spada u jednu od najslabije proučenih na Balkanu.