

ON THE DIVERSITY OF SOME SPIDERS (ARANEA : ARACHNIDA) FROM SERBIA

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Abstract - A total of 76 species from 16 families: Dysderidae (6), Theridiidae (3), Nesticidae (1), Linyphiidae (35), Tetragnathidae (1), Araneidae (1), Lycosidae (5), Agelenidae (3), Cybaeidae (1), Dictynidae (1), Amaurobiidae (5), Liocranidae (2), Clubionidae (3), Gnaphosidae (3), Thomisidae (3) and Salticidae (3) were established from 42 localities in Serbia. Ten species and three genera are new for the Serbian spider fauna. The most diverse is the family Linyphiidae, otherwise represented by 35 species.

UDC

INTRODUCTION

The existing information on Serbian spiders is due to the efforts of many araneologists from different countries. The first information concerning the spiders of Serbia appeared at the end of 19th century in the paper of Spasojević (1891). Three years later, Chyzer and Kulczyński (1894, 1897) announced more precise data. The information concerned single localities in Northern Serbia. Much more information was reported by Bresjančeva (1907), who recorded 148 species. The first huge work came from Stojicević (1929). He reported 432 species from 34 families, which constituted a revue of all literature available by that time. A considerable contribution was made by Kratochvíl (1934) who published the list of cave spiders in Yugoslavia. Fage (1931) published a revue of cave spiders in Europe, where 71 species from the Balkan Peninsula (9 of which from Serbian caves) were reported. Some years later, Drensky (1936) compiled all faunistic data about the spiders of the Balkan Peninsula mentioned in the literature and reported 447 species from 34 families for Serbia. In this period Kolosváry (1938, 1940) published a list of spiders of Yugoslavia that included 40 species from the territory of Serbia. In the same period Kratochvíl and Miller (1938) continued their work of cave spiders from the Balkan countries, with an emphasis on research on the distribution of cave *Centromerus* species. Šilhavý (1944) described new species from the family Thomisidae. Much later, Čurčić (1969) examined the cave spiders in the Iron Gate region and reported 17 species. Some data concerning Serbian spiders can be found in the papers of van Helsdingen (1969,

1970). Ten years later, Nikolić and Poleneć (1981) combined the data concerning Yugoslav spiders and reported 525 species from 35 families from Serbia. More recent publications list the cave fauna (Deeleman-Reinhold 1985; Deeleman-Reinhold and Deeleman 1988; Thaler and Höfer 1987; Deltshv *et al.* 1996; Deltshv and Čurčić 1997; Deltshv *et al.* 1997; Deltshv *et al.* 1998; Čurčić *et al.* 1999a) and leaf-litter spiders of Western and Eastern Serbia (Deltshv *et al.* 1998; Čurčić *et al.* 1999b; Čurčić *et al.* 1999c; Čurčić *et al.* 2000; Deltshv and Čurčić 2002).

Finally, Deltshv *et al.* (2003) concluded that the spider fauna of Serbia is represented by 618 species, belonging to 221 genera and 36 families. The number of species is comparatively high compared with a number of spiders recorded from other countries from the Balkan Peninsula: the highest number of species is recorded for the territories of Bulgaria (910) (Deltshv and Blagoev 2001), Greece (810) (Bosmans in press), Croatia (614) (Deltshv 1999) and Macedonia (595). This reachness, however, depends not only on the size of the regions, but also on the degree of the explorations by araneologists. Best represented are the families Linyphiidae (156 species), Lycosidae (62 species), Gnaphosidae (59 species), Salticidae (49 species), Araneidae (48 species), Theridiidae (42 species) and Thomisidae (37 species).

The goal of the present study is to give a critical systematic revue as well as a zoogeographical analysis of the spiders collected from 42 additional localities in Serbia, based on intensive field research and new data accumulated (Table 1).

Table 1. — List of established spider species in Serbia.

Abbreviations: f = female, ff = females, m = male, mm = males, juv. = juvenile(s).

Species new to the fauna of Serbia in bold letters.

Genus and species	Locality	Collectors*
DYSDERIDAE		
<i>Dysdera adriatica</i> Kulczyński, 1897	Rimski Most, v. Kumanica, nr. Ivanjica, 4 ff, 1 m, 24 juv., 14. 05. 2001.	BPMC, SBC, BMM, SVD
<i>Dysdera ninni</i> (Canestrini, 1868)	Izvor Sakinac, Mt. Avala, nr. Belgrade, 1 f, 12 juv., 16. 04. 2001.	SBC
<i>Dysderocrates storkani</i> (Kratochvil, 1935)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 2 mm, 5 juv., 16-17. 08. 2001; nr. Lake Tičar (= Dajičko Jezero Lake), Mt. Golija, nr. Ivanjica, 1 m, August 2001; Zmajinac, v. Milice, Mt. Radočelo, nr. Ivanjica, 1 m, 13. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Harpactea rubicunda</i> (C. L. Koch, 1838)	Toranj, Mt. Avala, nr. Belgrade, 1 m, 23 juv., 16. 04. 2001.	SBC
<i>Harpactea saeva</i> (Herman, 1879)	In front of the Mala Pečina Cave, v. Rti, nr. Kotraž, 1 m, 9 juv., 02. 05. 2001.	BPMC, SVD
<i>Kaemis carnicus</i> Deeleman-Reinhold, 1993	Lovačka Česma, v. Ljepojevići, Mt. Javor (1350 m), 2 mm, 11-12. 08. 2001; v. Močioci, nr. Katići, Mt. Mučanj (1150 m), 2 ff, 2 mm, 09. 08. 2001.	BPMC, SBC, BMM, SVD
THERIDIIDAE		
<i>Euryopsis flavomaculata</i> (C. L. Koch, 1836)	In front of the Mala Pečina Cave, v. Rti, nr. Kotraž, 1 f, 2 mm, 2 juv., 02. 05. 2001.	BPMC, SVD
<i>Robertus lividus</i> (Blackwall, 1836)	Goljska Reka, Mt. Golija, nr. Ivanjica, 1 f, 13 juv., 12. 05. 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), 1 f, 7 mm, 3 juv., 07. 08. 2001; Lovačka Česma, v. Ljepojevići, Mt. Javor (1350 m), nr. Ivanjica, 5 ff, 5 mm, 11-12. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 7 ff, 5 mm, 3 juv., 16-17. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Pholcomma gibbum</i> (Westring, 1851)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 m, 14. 05. 2001.	BPMC, SEM, SBC, BMM, SVD
NESTICIDAE		
<i>Nesticus cellulanus</i> (Clerck, 1757)	Petnička Pečina Cave, v. Petnica, nr. Valjevo, 8 ff, 1 m, 6 juv., 21. 06. 2001; Hadži-Prodanova Pečina Cave, v. Rašćići, nr. Ivanjica, 1 f, 11. 05. 2001; Virovska Pečina Cave, v. Virovo, nr. Arilje, 5 ff, 6 juv., 30. 04. 2001; Disina Pečina Cave, v. Miroč, Mt. Miroč, 1 f, 2 juv., 18. 08. 2001.	BPMC, SEM, SBC, BMM, SVD, GC
LINYPHIIDAE		
<i>Bolyphantes alticeps</i> (Sundevall, 1833)	Lovačka Česma, v. Ljepojevići, Mt. Javor (1350 m), nr. Ivanjica, 1 f, 11-12. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Bolyphantes kolosvaryi</i> (Capporiaco, 1936)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 2 mm, 5 juv., 16-17. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Centromerus cavernarum</i> (L. Koch, 1872)	Mala Pečina Cave, v. Rti, nr. Kotraž, 1 f, 2 juv., 12. 05. 2001; 8 ff, 5 juv., 30. 04. 2001; Hadži-Prodanova Pečina Cave, v. Rašćići, nr. Ivanjica, 3 ff, 4 mm, 1 juv., 11. 05. 2001; 3 ff, 1 juv., 12. 05. 2001; Virovska Pečina Cave, v. Virovo, nr. Arilje, 1 m, 30. 04. 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 14 ff, 07. 08. 2001; A cave opposite to the Krstata Pečina	BPMC, SEM, SBC, BMM, SVD, GC

Table 1 — Continued.

Genus and species	Locality	Collectors*
<i>Centromerus silvicola</i> (C. L. Koch, 1834)	Cave, v. Trudovo, Mt. Javor, nr. Nova Varoš, 1 f, 1 juv., 22. 08. 2001; v. Močioci, nr. Katići, Mt. Mučanj (1150 m), 2 ff, 09. 08. 2001; Pećina Banja Cave, v. Miroč, Mt. Miroč, 1 f, 17. 08. 2001; Disina Pećina Cave, v. Miroč, Mt. Miroč, 6 ff, 7 juv., 18. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Ceratinella brevis</i> (Wider, 1834)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 1 f, 1 m, 16-17. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Diplocephalus picinus</i> (O.P.-Cambridge, 1875)	Mt. Avala, nr. Belgrade, 1 f, 1 m, 09. 06. 2001; Rimski Most, v. Kumanica, nr. Ivanjica, 2 ff, 14. 05. 2001; Golijška Reka, Mt. Golija, nr. Ivanjica, 14 ff, 2 mm, 1-03. 05. 2001; 7 ff, August 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 1 f, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 2 ff, 07. 08. 2001; Lovačka Česma, v. Ljepojevići, Mt. Javor (1350 m), nr. Ivanjica, 13 ff, 6 mm, 11-12. 08. 2001; v. Močioci, nr. Katići, Mt. Mučanj (1150 m), 2 mm, 09. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 1 f, 13. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Diplocephalus foraminifer</i> (Blackwall, 1841)	Mt. Avala, nr. Belgrade, 1 f, 09. 06. 2001; Buronov Ponor Cave, v. Miroč, Mt. Miroč, 1 f, 1 m, 13. 08. 2001; Krstata Pećina Cave, v. Debelja, Mt. Javor, nr. Nova Varoš, 4 ff, 1 m, 21. 08. 2001; Velika Gradišnica Cave, v. Miroč, Mt. Miroč, 11 ff, 4 mm, 16.08.2001.	SBC, BMM, GC
<i>Diplocephalus latifrons</i> (O.P.-Cambridge, 1863)	Lake Tičar, Mt. Golija, nr. Ivanjica, 1 m, August 2001.	BPMC, SBC, BMM, SVD
<i>Diplostyla concolor</i> (Wider, 1834)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 f, 14. 05. 2001; Izvor Ladne Vode, Mt. Avala, nr. Belgrade, 1 m, 16. 04. 2001; cave en route v. Močioci - v. Jasenova, Mt. Mučanj, nr. Katići, 1 f, 24. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Drapetisca socialis</i> (Sundevall, 1833)	"Pećina u Velikom Kršu" Cave, v. Maskova, nr. Kušići, Mt. Javor, 2 ff, 19. 08. 2001.	SBC, BMM
<i>Entelecara acuminata</i> (Wider, 1834)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 m, 14. 05. 2001.	SBC, BMM
<i>Erigone dentipalpis</i> (Wider, 1834)	Lovačka Česma, v. Ljepojevići, Mt. Javor (1350 m), nr. Ivanjica, 1 f, 11-12. 08. 2001.	SBC, BMM
<i>Formiphantes lepthyphantiformis</i> (Kolosváry, 1907)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 1 m, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 2 mm, 13. 08. 2001.	BPMC, SVD
<i>Gonatium orientate</i> Page, 1931	Golijška Reka, Mt. Golija, nr. Ivanjica, 4 ff, 2 mm, August 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 1 f, 2 mm, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 1 f, 1 m, 07. 08. 2001; v. Močioci, nr. Katići, Mt. Mučanj (1150 m), 8 ff, 3 mm, 09. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 1 f, 13.08.2001.	BPMC, SBC, BMM, SVD
<i>Gonatium paradoxum</i> (L. Koch, 1869)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 1 f, 16-17. 08. 2001.	BPMC, SVD
<i>Lepthyphantus centromeroides</i> Kulczyński, 1914	Golijška Reka, Mt. Golija, nr. Ivanjica, 1 f, August 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 6 ff, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 3 ff, 2 mm, 07. 08. 2001; v. Močioci, nr. Katići, Mt. Mučanj (1150 m), 1 f, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 2 ff, 2 mm, 16-17. 08. 2001; Zmajinac, v.	BPMC, SBC, BMM, SVD

Table 1 — Continued.

Genus and species	Locality	Collectors*
<i>Lepthyphantes leprosus</i> (Ohlert, 1865)	Miliće, Mt. Radočelo, nr. Ivanjica, 4 ff, 13. 08. 2001 A cave en route v. Močiocci - v. Jasenova, Mt. Mučanj, nr. Katići, 1 f, 24. 08. 2001; Mala Pečina Cave, Čolovica Stijena, v. Ojkovica, nr., Nova Varoš, 1 f, 24. 08. 2001.	BPMC, SVD
<i>Lepthyphantes pallidus</i> (O.P.- Cambridge, 1871)	V. Močiocci, nr. Katići, Mt. Mučanj (1150 m), 1 f, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 1 f, 16-17. 08. 2001.	BPMC, SVD
<i>Lepthyphantes trnovensis</i> (Drensky, 1931)	Buronov Ponor Cave, v. Miroč, Mt. Miroč, 3 ff, 2 mm, 1 juv., 13. 08. 2001.	GC
<i>Macrargus rufus</i> (Wider, 1834)	Golijska Reka, Mt. Golija, nr. Ivanjica, 1 f, 9 juv., 12. 08. 2001; 1 f, August 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 1 f, 1 m, 13. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Maso sundevalli</i> (Westring, 1851)	Golijska Reka, Mt. Golija, nr. Ivanjica, 15 ff, 1-03. 05. 2001; 4 ff, August 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 1 f, August 2001; Lovačka Česma, v. Ljeпоjevići, Mt. Javor (1350 m), 1 f, 11-12. 08. 2001; v. Močiocci, nr. Katići, Mt. Mučanj (1150 m), 28 ff, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 28 ff, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 22 ff, 13. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Meioneta rurestris</i> (C. L. Koch, 1836)	Golijska Reka, Mt. Golija, nr. Ivanjica, 1 f, August 2001; v. Močiocci, nr. Katići, Mt. Mučanj (1150 m), 10 ff, 2 mm, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 10 ff, 2 mm, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 10 ff, 2 mm, 13. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Micrargus herbigradus</i> (Blackwall, 1854)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 f, 2 mm, 14. 05. 2001; Golijska Reka, Mt. Golija, nr. Ivanjica, 1 f, August 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 32 ff, 4 mm, August 2001; v. Močiocci, nr. Katići, Mt. Mučanj (1150 m), 28 ff, 6 mm, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 39 ff, 16 mm, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 1 f, 13. 08. 2001.	SBC, BMM
<i>Microneta viaria</i> (Blackwall, 1841)	Golijska Reka, Mt. Golija, nr. Ivanjica, 24 ff, 01-03. 05. 2001; 20 ff, 1 m, August 2001; 4 ff, August 2001; Mt. Avala, nr. Belgrade, 20 ff, 1 m, 09. 05. 2001; Rimski Most, v. Kumanica, nr. Ivanjica, 3 ff, 11 juv., 14. 05. 2001; Izvor Ladne Vode, Mt. Avala, nr. Belgrade, 2 ff, 4 mm, 16. 04. 2001; Izvor Sakinac, Mt. Avala, nr. Belgrade, 5 ff, 3 mm, 5 juv., 16. 04. 2001; Čarapičev Brest, Mt. Avala, nr. Belgrade, 4 ff, 16. 04. 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 44 ff, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 4 ff, 07. 08. 2001; Lovačka Česma, v. Ljeпоjevići, Mt. Javor (1350 m), nr. Ivanjica, 4 ff, 11-12. 08. 2001; v. Močiocci, nr. Katići, Mt. Mučanj (1150 m), 15ff, 3 mm, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 21 ff, 14 mm, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 39 ff, 8 mm, 13. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Porrhomma convexum</i> (Westring, 1851)	Petnička Pečina Cave, v. Petnica, nr. Valjevo, 2 ff, 24 juv., 21. 06. 2001; Virovska Pečina Cave, v. Virovo, nr. Arilje, 2 mm, 30. 04. 2001; Buronov Ponor Cave, v. Miroč, Mt. Miroč, 3 ff, 2 mm, 13. 08. 2001; Mala Gradišnica Cave, v. Miroč, Mt. Miroč, 1 f, August 2001; a cave opposite the Arsovića Krš, v. Maskova, nr. Kušići, Mt. Javor, 1 f, 2 juv, 20. 08. 2001; "Pečina pod	BPMC, SEM, SBC, BMM, SVD, GC

Table 1 — Continued.

Genus and species	Locality	Collectors*
<i>Saaristoa firma</i> (O.P.-Cambridge, 1900)	Kapilijama" Cave, v. Trudovo, Mt. Javor, nr. Nova Varoš, 4 ff, 1 mm, 4 juv., 19. 08. 2001; a cave in the Arsovića Krš, v. Maskova, nr. Kušići, Mt. Javor, 20 ff, 20 mm, 16 juv, 20. 08. 2001; Pećina Banja Cave, v. Miroč, Mt. Miroč, 6 ff, 2 mm, 17. 08. 2001; Velika Gradišnica Cave, v. Miroč, Mt. Miroč, 2 ff, 16. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Scotargus pilosus</i> Simon, 1913	Golijaska Reka, Mt. Golija, nr. Ivanjica, 1 m, 01-03. 12. 05 2001.	BPMC, SBC, BMM, SVD
<i>Sternonyphantes lineatus</i> (Linnaeus, 1758)	Golijaska Reka, Mt. Golija, nr. Ivanjica, 1 f, 1 m, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 1 m, 07. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 1 m, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 1 f, 13. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Tenuiphantes flavipes</i> (Blackwall, 1854)	Golijaska Reka, Mt. Golija, nr. Ivanjica, 1 f, 12. 05. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 1 f, 16-17. 08. 2001.	BPMC, SBC, SVD
<i>Tenuiphantes floriana</i> (van Helsdingen, 1977)	Mt. Avala, nr. Belgrade, 1 f, 09. 06. 2001; in front of the Mala Pećina Cave, v. Rti, nr. Kotraž, 1 f, 4 juv., 02. 05. 2001.	BPMC, SBC, SVD
<i>Tenuiphantes tenebricola</i> (Wider, 1834)	Mt. Avala, nr. Belgrade, 1 f, 1 m, 3 juv., 09. 06. 2001.	SBC
<i>Trichoncus hackmani</i> Millidge, 1955	Golijaska Reka, Mt. Golija, nr. Ivanjica, 1 f, 2 mm, August 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 3 ff, 2 mm, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 1 f, 07. 08. 2001; Lovačka Česma, v. Ljepojevići, Mt. Javor (1350 m), nr. Ivanjica, 4 ff, 1 m, 11-12. 08. 2001; v. Močioc, nr. Katići, Mt. Mućanj (1150 m), 2 ff, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 7 ff, 5 mm, 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 22 ff, 12 mm, 13.08.2001.	BPMC, SEM, SBC, BMM, SVD
<i>Walckenaeria cucullata</i> (C. L Koch, 1836)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 f, 1 m, 24 juv., 14. 05. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Walckenaeria furcillata</i> (Menge, 1868)	Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 1 f, 13. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Walckenaeria mitrata</i> (Menge, 1868)	Mt. Avala, nr. Belgrade, 1 f, 09. 06. 2001.	SBC
	Golijaska Reka, Mt. Golija, nr. Ivanjica, 1 f, 1 m, 01-03. 05. 2001; Lake Tičar, Mt. Golija, nr. Ivanjica, 1 f, August 2001; Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 1 f, 07. 08. 2001.	BPMC, SEM, SBC, BMM
TETRAGNATHIDAE		
<i>Meta menardi</i> (Latreille, 1804)	Mala Pećina Cave, v. Rti, nr. Kotraž, 3 ff, 30. 04. 2001; A cave opposite to the Krstata Pećina Cave, v. Trudovo, Mt. Javor, nr. Nova Varoš, 1 m, 5 juv., 22. 08. 2001; Krstata Pećina Cave, v. Debelja, Mt. Javor, nr. Nova Varoš, 1 f, 5 juv., 21. 08. 2001; Velika Gradišnica Cave, v. Miroč, Mt. Miroč, 10 juv., 16. 08. 2001.	SEM, SBC, BMM, GC
ARANEIDAE		
<i>Cercidia prominens</i> (Westring, 1851)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 f, 14. 05. 2001.	BPMC, SEM, SBC, BMM, SVD

Table 1 — Continued.

Genus and species	Locality	Collectors*
LYCOSIDAE		
<i>Pardosa amentata</i> (Clerck, 1757)	V. Močiči, nr. Katići, Mt. Mučanj (1150 m), 1 f, 09. 08. 2001.	BPMC, SVD
<i>Pardosa hortensis</i> (Thorell, 1872)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 f, 14. 05. 2001.	BPMC, SVD
<i>Pardosa lugubris</i> (Walckeaer, 1802)	Mt. Avala, nr. Belgrade, 1 f, 1 juv., 12. 06. 2001; Mt. Avala, (roadfork to Zuce and Beli Potok), nr. Belgrade, 1 f, 1 juv., 16. 04. 2001.	SBC
<i>Pirata knorri</i> (Scopoli, 1763)	Vršački Breg Hill, nr. Vršac, 1 f, 30. 05. 2001.	SBC
<i>Trochosa terricola</i> Thorell, 1856	A cave en route v. Močiči - v. Jasenova, Mt. Mučanj, nr. Katići, 1 f, 24. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 2 ff, 16-17. 08. 2001.	BPMC, SBC, BMM, SVD
AGELENIDAE		
<i>Histoipona luxurians</i> (Kulczyński, 1897)	Izvor Sakinac, Mt. Avala, nr. Belgrade, 2 ff, 5 juv., 16. 04. 2001; 1 f, 5 juv., 16. 06. 2001; Mt. Avala, nr. Belgrade, 2 ff, 5 juv., 09. 06. 2001; Golijska Reka, Mt. Golija, nr. Ivanjica, 3 ff, 2 mm, 01-03. 05. 2001; 2 ff, 4 juv., 12. 05. 2001; 6 ff, 2 juv., August 2001; Lovacka Česma, v. Ljepojevići, Mt. Javor (1350 m), nr. Ivanjica, 6 ff, 1 m, 11-12. 08. 2001; v. Močiči, nr. Katići, Mt. Mučanj (1150 m), 3 ff, 1 m, 09. 08. 2001; v. Osonica, Mt. Čemerno, nr. Ivanjica, 5 ff, 23 juv., 16-17. 08. 2001; Zmajinac, v. Miliće, Mt. Radočelo, nr. Ivanjica, 12 ff, 2 mm, 13. 08. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Histoipona torpida</i> (C. L. Koch, 1837)	Biser Vode, v. Koritnik, Mt. Golija (1300 m), nr. Ivanjica, 2 ff, 07. 08. 2001.	BPMC, BMM, SVD
<i>Tegenaria domestica</i> (Clerck, 1757)	Petnička Pećina Cave, v. Petnica, nr. Valjevo, 1 f, 21. 06. 2001.	SBC
CYBAEIDAE		
<i>Cybaeus balkanus</i> Deltshv, 1997	Krstata Pećina Cave, v. Debelja, Mt. Javor, nr. Nova Varoš, 1 f, 1 m, 21. 08. 2001.	SBC, BMM
DYCTINIDAE		
<i>Dictyna arundinacea</i> (Linnaeus, 1758)	Golijska Reka, Mt. Golija, nr. Ivanjica, 1 m, 01-03. 05. 2001.	BPMC, SBC, BMM, SVD
AMAUROBIIDAE		
<i>Amaurobius pallidus</i> L. Koch, 1868	Izvor Sakinac, Mt. Avala, nr. Belgrade, 1 f, 1 m, 16. 04. 2001; 1 f, 2 juv., 16. 06. 2001; Mt. Avala, nr. Belgrade, 1 f, 2 juv., 12. 06. 2001; roadfork to v. Zuce, v. Beli Potok and v. Pinosava, Mt. Avala, nr. Belgrade, 1 f, 2 juv., 16. 04. 2001.	SBC
<i>Coelotes inermis</i> (L Koch, 1855)	Golijska Reka, Mt. Golija, nr. Ivanjica, 1 m, August 2001; Lovacka Česma, v. Ljepojevići, Mt. Javor (1350 m), 3 mm, 11-12. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Coelotes jurinitschi</i> (Drensky, 1915)	Krstata Pećina Cave, v. Debelja, Mt. Javor, nr. Nova Varoš, 1 f, 21. 08. 2001.	SBC, BMM
<i>Coelotes titaniacus</i> Brignoli, 1977	Golijska Reka, Mt. Golija, nr. Ivanjica, 1 m, 01-03. 05. 2001.	BPMC, SEM, SBC, BMM, SVD

Table 1 — Continued.

Genus and species	Locality	Collectors*
<i>Urocoras longispinus</i> (Kulczyński, 1897)	Izvor Sakinac, Mt. Avala, nr. Belgrade, 2 ff, 12 juv., 16. 04. 2001; en route Izvor Sakinac - Toranj, Mt. Avala, nr. Belgrade, 1 f, 2 juv., 16. 04. 2001; en route v. Zuce — v. Beli Potok, Mt. Avala, nr. Belgrade, 1 f, 3 juv., 16. 04. 2001.	SBC
LIOCRANIDAE		
<i>Liocranum rupicola</i> (Walckenaer, 1830)	Mala Pećina Cave, Čolovića Stijena, v. Ojkovica, nr. Nova Varoš, 1 m, 24. 08. 2001.	SBC, BMM
<i>Liocranum rutilans</i> (Thorell, 1875)	Mt. Avala, nr. Belgrade, 1 f, 12. 06. 2001; roadfork to v. Zuce, v. Beli Potok and v. Pinosava, Mt. Avala, nr. Belgrade, 1 f, 16. 04. 2001.	SBC
CLUBIONIDAE		
<i>Clubiona comta</i> (C. L. Koch, 1839)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 2 ff, 16-17. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Clubiona saxatilis</i> L. Koch, 1866	V. Osonica, Mt. Čemerno, nr. Ivanjica, 1 f, 16-17. 08. 2001.	BPMC, SBC, BMM, SVD
<i>Clubiona terrestris</i> Westring, 1851	Mt. Avala, nr. Belgrade, 1 f, 1 juv., 09. 06. 2001; en route Izvor Sakinac - Toranj, Mt. Avala, nr. Belgrade, 1 f, 16. 04. 2001.	SBC
GNAPHOSIDAE		
<i>Callilepis nocturna</i> (Linnaeus, 1758)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 f, 14. 05. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Micaria fulgens</i> (Walckenaer, 1802)	Rimski Most, v. Kumanica, nr. Ivanjica, 1 m, 14. 05. 2001.	BPMC, SEM, SBC, BMM, SVD
<i>Zelotes apricorum</i> (L. Koch, 1876)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 1 f, 16-17. 08. 2001.	BPMC, SVD
THOMISIDAE		
<i>Ozyptila blackwalli</i> Simon, 1875	Mt. Avala, nr. Belgrade, 1 m, 6 juv., 09. 06. 2001; in front of the Mala Pećina Cave, v. Rti, nr. Kotraž, 1 f, 1 m, 7 juv., 02. 05. 2001; en route v. Zuce — v. Beli Potok, Mt. Avala, nr. Belgrade, 1 m, 1 juv., 16. 04. 2001.	SBC
<i>Xysticus lanio</i> C. L. Koch, 1835	Mt. Avala, nr. Belgrade, 1 m, 12. 10. 2001; roadfork to v. Zuce, v. Beli Potok and v. Pinosava, Mt. Avala, nr. Belgrade, 1 m, 16. 04. 2001.	SBC
<i>Xysticus sabulosus</i> (Menge, 1875)	V. Osonica, Mt. Čemerno, nr. Ivanjica, 1 m, 16-17. 08. 2001.	BPMC, SBC, BMM, SVD
SALTICIDAE		
<i>Ballus chalybeius</i> (Walckenaer, 1802)	Toranj, Mt. Avala, nr. Belgrade, 1 m, 16. 04. 2001.	SBC
<i>Heliophanus cupreus</i> (Walckenaer, 1802)	Rimski Most, v. Kumanica, nr. Ivanjica, 2 ff, 14. 05. 2001.	BPMC, SBC, BMM, SVD
<i>Neon reticulatus</i> (Blackwall, 1853)	Izvor Sakinac, Mt. Avala, nr. Belgrade, 2 ff, 2 mm, 1 juv., 16. 04. 2001; 1 f, 1 juv., 16. 04. 2001; Mt. Avala, nr. Belgrade, 9 ff, 2 mm, 2 juv., 09. 06. 2001; Rimski Most, v. Kumanica, nr. Ivanjica, 5 ff, 1 juv., 14. 05.	BPMC, SBC, BMM, SVD

Table 1 — Continued.

Genus and species	Locality	Collectors*
	2001; in front of Virovska Pečina Cave, v. Virovo, nr. Arilje, 1 m, 30. 04. 2001; Toranj, Mt. Avala, nr. Belgrade, 1 m, 3 juv., 16. 04. 2001; v. Močioci, nr. Katići, Mt. Mučanj (1150 m), 2ff, 09. 08. 2001.	

*Collectors: BPMC = Božidar P. M. Čurčić, SBC = Srećko B. Čurčić, BMM = Bojan M. Mitić, SVD = Sonja V. Djukić, SEM = Slobodan E. Makarov, GC = Gorčin Cvijanović.

CONCLUSION

The spider fauna of Serbia is well represented on the territory of Serbia but the species are distributed unequally in different areas and districts. The number of established species (628) and genera (224) is comparatively high to the number of spiders recorded from other countries from the Balkan Peninsula. The faunistic diversity of Serbian spiders shows that the Balkan Peninsula is a territory of considerable species richness. In the zoogeographical respect, the widely distributed spiders are dominant, which shows that the process of colonization is considerable. The endemic species represent the local character of this fauna and point to the main role of the genesis of the Balkan Peninsula in its origin and evolution. This phenomenon can be regarded as a result of numerous paleo-environmental changes since the Mesozoic.

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О РАЗНОВРСНОСТИ НЕКИХ ПАУКОВА (ARANEA : ARACHNIDA) У СРБИЈИ

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Фауни паукова Србије, према резултатима изнетих истраживања, припада 628 врста из 224 рода и 36 фамилија. Најзаступљеније породице су: Linyphiidae (164 врста или 26.11 %), Lycosidae (62 врсте или 9.87 %), Gnaphosidae (59 врста или 9.39 %), Salticidae (49 врста или 7.80 %), Araneidae (48 врста или 7.64 %), Theridiidae (42 врсте или 6.69 %) и Thomisidae (37 врста или 5.89 %). Укупно десет врста (или 13.16 % од свих дијагностификованих врста) су нове за фауну Србије (Табела 1). То су: *Bolyphantes alticeps* (Sundevall), *Bolyphantes kolosvaryi* (Caporiacco), *Formiphantes leptyphantiiformis* (Kolosváry), *Saaristoa firma* (O. P. – Cambridge), *Tenuiphantes floriana* (van Helsdingen), *Trichoncus hackmani* Millidge, *Walckenaeria cucullata* (C. L. Koch), *Walckenaeria furcillata* (Menge), *Coelotes titaniacus*

Brignoli и *Clubiona saxatilis* L. Koch. Поред наведеног, још три рода: *Bolyphantes*, *Formiphantes* и *Saaristoa* су нови за фауну паукова Србије.

Фаунистичка разноврсност паукова Србије указује да је Балканско полуострво подручје нарочито богато врстама свих арахнида. Зоогеографски, широко распрострањене врсте су доминантне, што указује на константност процеса колонизације различитих таксона. Ендемичне врсте одсликавају локални или регионални карактер ове фауне и упућују на значај генезе Балканског полуострва у њиховом пореклу и даљој еволуцији. Овај феномен се, дакле, може тумачити као последица многобројних промена у животној средини, још од мезозоица па до данашњих дана.