

Ber. nat.-med. Verein Innsbruck	Band 90	S. 135 - 150	Innsbruck, Nov. 2003
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A critical review of the spider species (Araneae) described by P. Drensky in the period 1915-1942 from the Balkans

by

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Synopsis: A critical review of the spider species (Araneae) described by P. DRENSKY in the period 1910-1942 is presented. All published and unpublished results of revisions of material in DRENSKY's collection have been used in the present study to clarify the difficult taxonomical situation, caused by insufficient descriptions and loss of materials. From two new genera and 48 new species and subspecies described by DRENSKY only 18 taxa are currently regarded as valid, 6 others stand as species inquirendae. Three new synonyms are proposed: *Echemus babunaensis* DRENSKY, 1929 = *Zelotes tenuis* (L. KOCH, 1866), *Theridion perestirensis* DRENSKY, 1929 = *Th. nigrovariegatum* SIMON, 1873; *Zora affinis* DRENSKY, 1929 = *Clubiona compta* C. L. KOCH, 1839.

1. Introduction:

DRENSKY started his studies about the Bulgarian spider fauna in 1910. Altogether he described two new genera and 48 new species and subspecies (DRENSKY 1910, 1915, 1921, 1929, 1931, 1935, 1938, 1940, 1942). The spiders were collected from the territory of the Balkan Peninsula (Bulgaria, Greece, Macedonia, Turkey). The descriptions of most taxa are not well done, accompanied by insufficient and not precise drawings without scale. In many cases types were single specimens only. Some types were lost during the war. Until now types of the following species could not be found and are probably lost: *Cyclosa strandjae* (1915), *Comaroma ressenensis* (1929), *Gonatium strugaense* (1929), *Porrhomma fons-frigidus* (1929), *Echemus babunaensis* (1929), *Troglohyphantes kratochvili* (1935), *Macedoniella karamani* (1935), *Mesioteles cyprius scopensis* (1935), *Coelotes pastor pirinicus* (1942). All results of revisions of the material in DRENSKY's collection, published and unpublished, have been used in the present study to clarify the complicated taxonomical situation. Nomenclature follows the internet catalogue of PLATNICK (2002). Species are discussed in chronological order.

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2. Results and discussion:

Junior synonyms

Cyclosa strandjae DRENSKY, 1915 = *C. conica* (PALLAS, 1772) (Araneidae)

DIMITROV (1999: 23, f. 1), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was not found. The figures given by DRENSKY (1915) suggest that this species has been described from a subadult specimen (DIMITROV 1999).

Amaurobius Jurinitschi var. *flavum* DRENSKY, 1915 = *Coelotes jurinitschi* (DRENSKY, 1915) (Amaurobiidae)

DELTSHEV (1990: 33), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was examined (5 females).

Amaurobius Jurinitschi var. *niger* DRENSKY, 1915 = *Coelotes jurinitschi* (DRENSKY, 1915) (Amaurobiidae)

DELTSHEV (1990: 33), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was examined (1 female).

Micaria turcica DRENSKY, 1915 = *M. albovittata* (LUCAS, 1846) (Gnaphosidae)

MIKHAILOV (1991: 78, sub *M. romana*, DELTSHEV & BLAGOEV (2001: 110, 111, sub *M. romana*).

Type material was examined (1 female).

Theridium cornutum JURINITCH & DRENSKY, 1917 = *Theridion impressum* L. KOCH, 1881 (Theridiidae)

DELTSHEV (1992: 17, 22), DELTSHEV & BLAGOEV (2001:115).

Type material was examined (1 female). DRENSKY (1939) wrote incorrectly *Th. cornutum* DRENSKY, 1917.

Heliophanus flavipes var. *nigripes* JURINITCH & DRENSKY, 1917 = *H. flavipes* (HAHN, 1832) (Salticidae)

DELTSHEV & BLAGOEV (2001: 110, 111), PLATNICK (2002).

Type material was examined (1 immature individual).

Theridion pirini DRENSKY, 1921 = *Th. petraeum* L. KOCH, 1872 (Theridiidae)

DELTSHEV (1992: 20), DELTSHEV & BLAGOEV, (2001: 110, 111).

Type material was examined (4 females, 3 juv.).

Lepthyphantes pirini DRENSKY, 1929 = *L. quadrimaculatus* KULCZYNSKI, 1897 (Linyphiidae)

DELTSHEV (1988a: 52), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was examined (1 female).

Linyphia phrigiana var. *pirini* DRENSKY, 1921 = *Pityohyphantes phrygianus* (C.L. KOCH, 1836) (Linyphiidae) (Figs. 1-4)

DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was examined (2 males, 26 females) and new figures are presented here (Figs. 3, 4).

Drassus pirini DRENSKY, 1921 = *Drassodes lapidosus* (WALCKENAER, 1802) (Gnaphosidae) (Figs. 5-7)

DELTSHEV & BLAGOEV (1997: 281), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was examined (1 female, 2 juv.) and new figures are presented here (Figs. 6-7).

Echemus babunaensis DRENSKY, 1929 = *Zelotes tenuis* (L. KOCH, 1866), **syn. nov.** (Gnaphosidae) (Figs. 8-10)

DRENSKY (1929) incorrectly used the spelling *E. babuni* in his explanation to plate 1, figs. 3-4.

Type material was not found. The original description and figure (fig. 3) correspond well with *Zelotes tenuis*. New figures of Bulgarian material of *Z. tenuis* are given (Figs. 9, 10).

Dipoena regia DRENSKY, 1929 = *Neottiura suaveolens* (SIMON, 1879) (Theridiidae)

WUNDERLICH (1977: 289), KNOFLACH (1999: 357).

In the description of this species DRENSKY (1929) used various spellings: *regia* (p. 33), *regina* (p. 69), *regalis* (p. 76).

Type material was not found.

Theridium peristerensis DRENSKY, 1929 = *Theridion nigrovariegatum* SIMON, **syn. nov.** (Theridiidae) (Fig. 11-12)

DRENSKY (1929: 76) used another spelling: *Th. Peristeri*.

The type (1 female) was examined and a new figure is presented (Fig. 12).

Comaroma ressenensis DRENSKY, 1929 = *Spermophora senoculata* (DUGES, 1836) (Pholcidae) (Fig. 13-16)

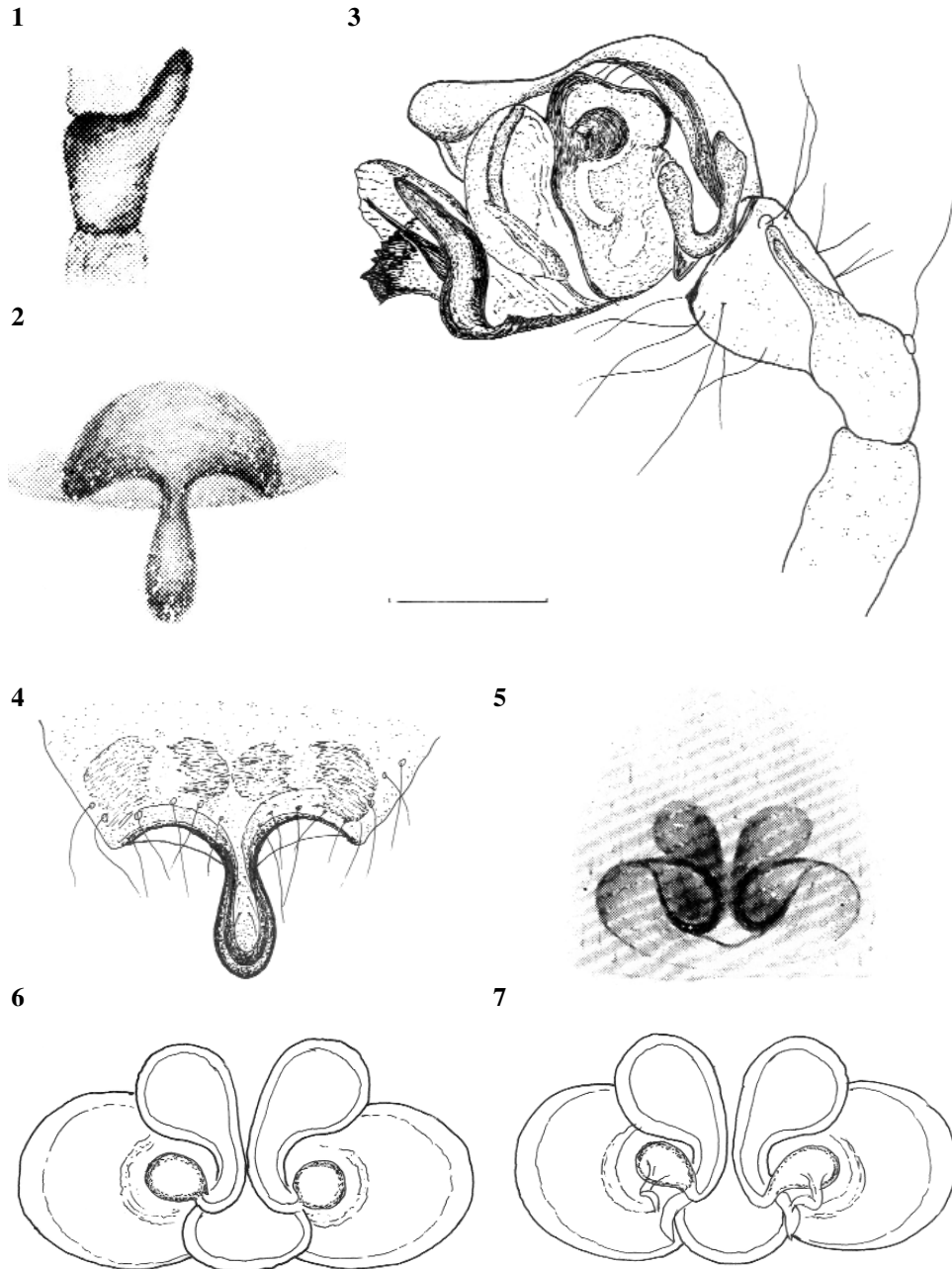
DELTSHEV & BLAGOEV (2001: 110, 111). DRENSKY (1929: 76) also wrote *C. ressnensis*.

Type material was not found. The description and figures fit well to *S. senoculata* (see Figs 13-16).

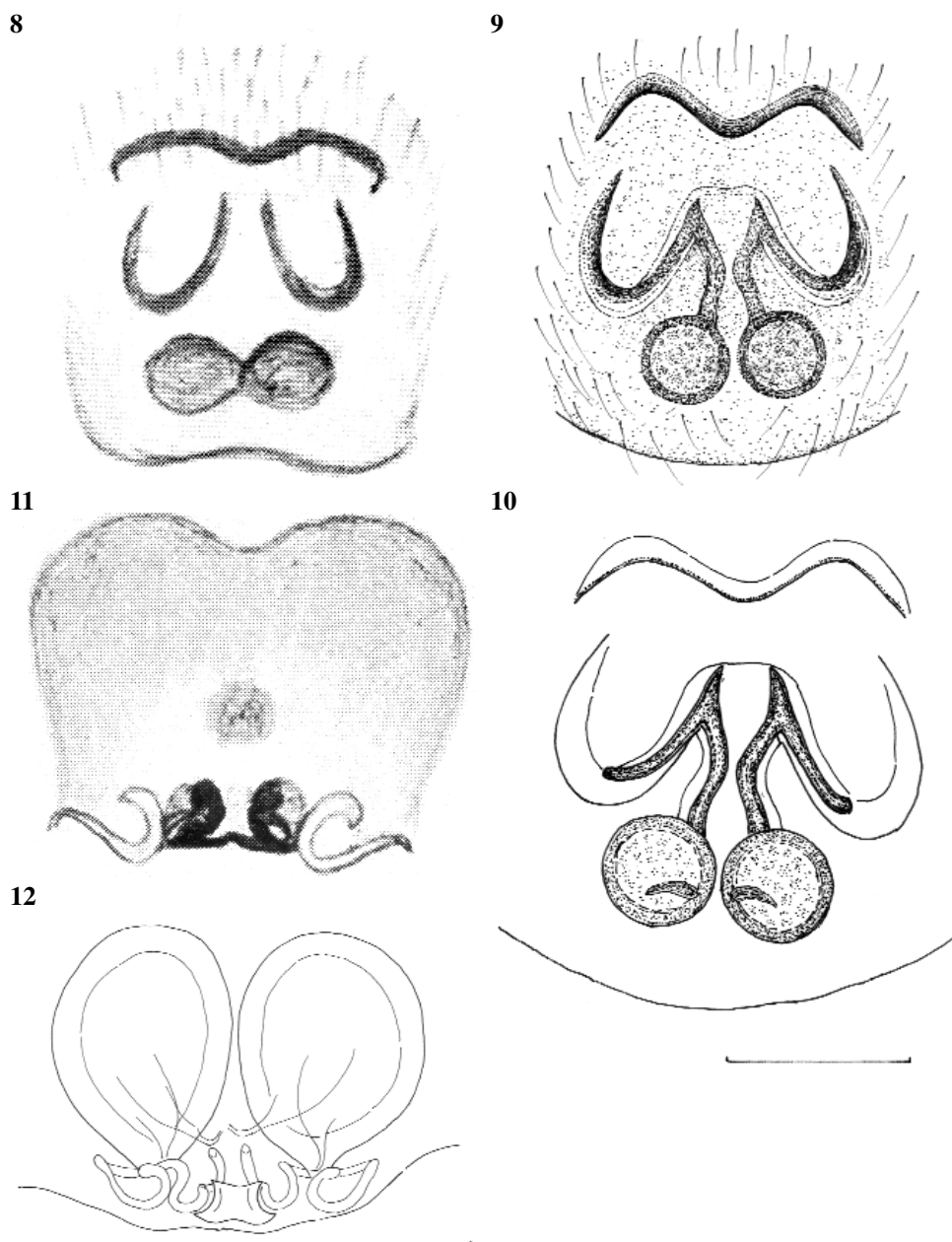
Hogna (Tarentula) macedonica DRENSKY, 1929 = *H. radiata* (LATREILLE, 1817) (Lycosidae) (Fig. 17-18)

DELTSHEV & BLAGOEV (2001).

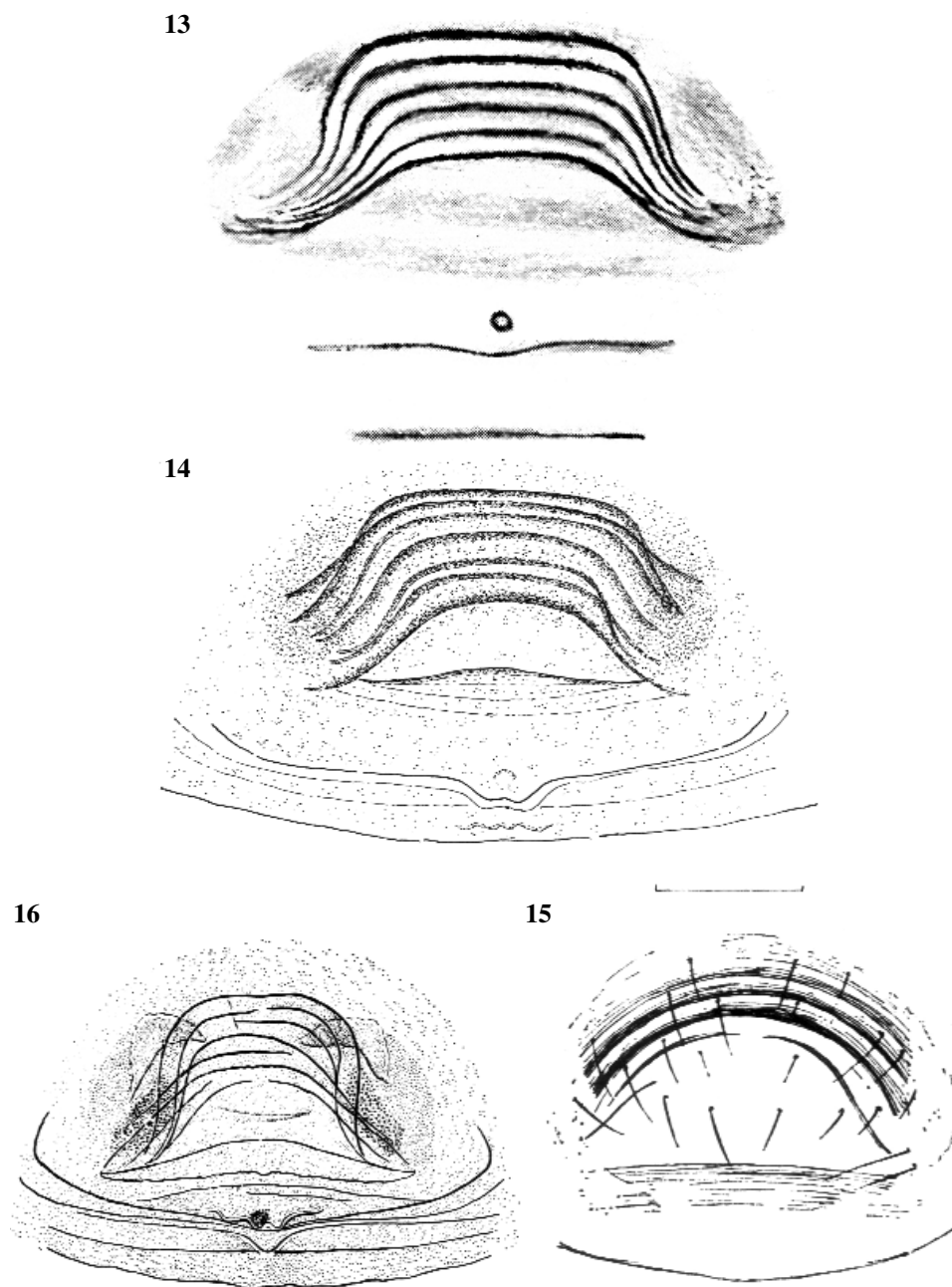
Type material was examined (2 subadult females) and a new illustration is presented. The



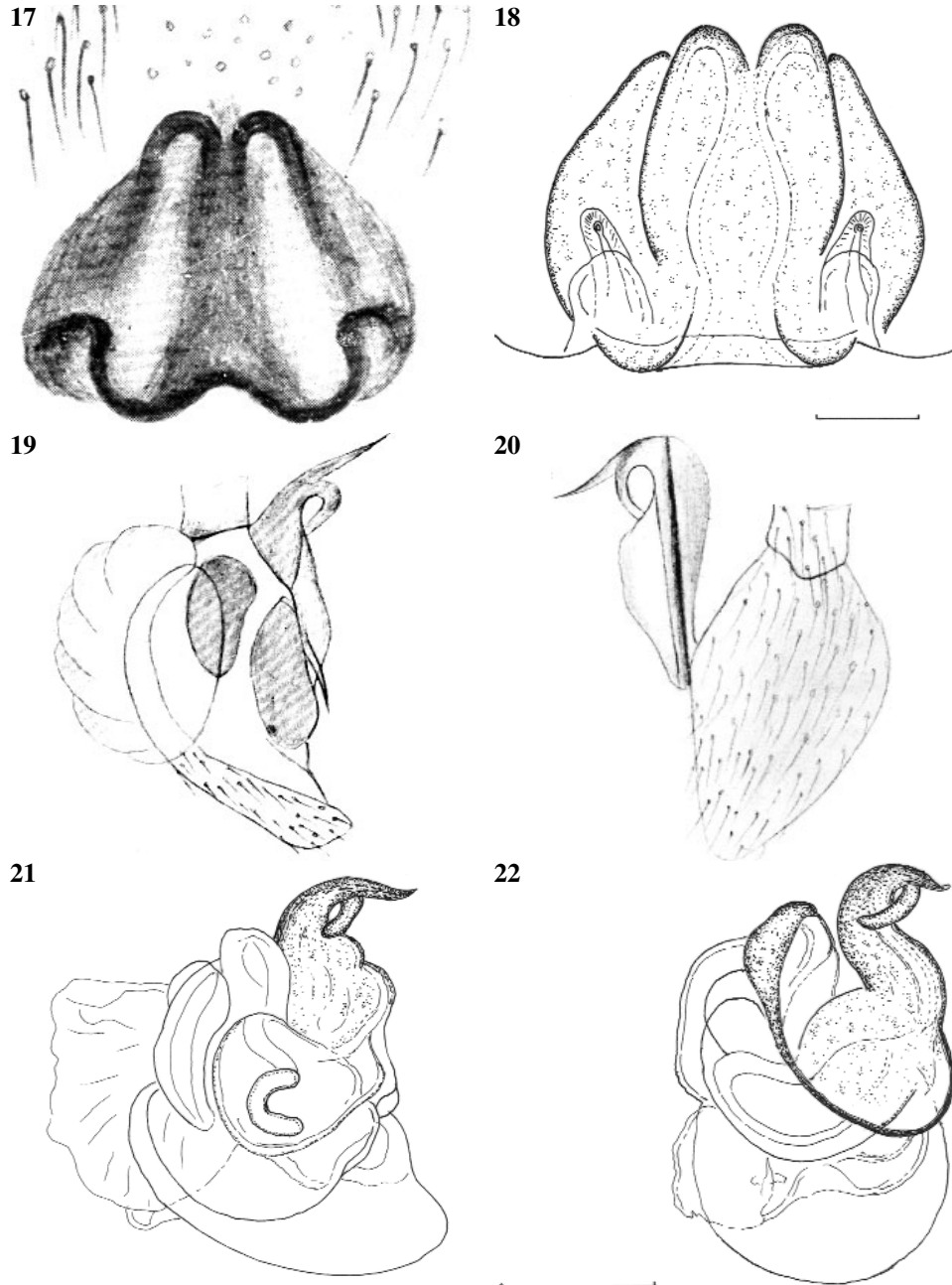
Figs. 1-7: 1-4 *Pityohyphantes phrygianus* (C.L. KOCH, 1836): 1 tibial apophysis; 2, 4 epigyne; 3 male palp, external view (Figs. 1-2 from DRENSKY 1921, *Linyphia phrigiana* var. *pirini*; Figs. 3-4 drawn from types). - 5-7: *Drassodes lapidosus* (WALCKENAER, 1802): 5 epigyne (from DRENSKY 1921, *Drassus pirini*), 6-7 vulva, ventral and dorsal view (type). Scale: 0.3 mm (3,4,6,7).



Figs. 8-12: **8-10** *Zelotes tenuis* (L. KOCH, 1866): **8** epigyne (from DRENSKY 1929, *Echemus babunensis*); **9-10** epigyne/vulva, ventral and dorsal view (specimen from Bulgaria). - *Theridion nigroviriegatum* SIMON, 1873: **11** epigyne (from DRENSKY 1929, *Th. peristerensis*), **12** vulva (type). Scales: 0.1 (12); 0.2 mm (9, 10)



Figs. 13-16: *Sperophora senoculata* (DUGES, 1836): epigyne/vulva, **13** (from DRENSKY 1929, *Comaroma ressenensis*), **14** (specimen from Bulgaria), **15** (from MILLER & ZITNANSKA 1976), **16** (from DRESCO & HUBERT 1989). Scale: 0.2 mm (14).



Figs. 17-22: *Hogna radiata* (LATREILLE, 1817): **17-18** epigyne/vulva (subadult specimen), **17** (from DRENSKY 1929, *H. (Tarentula) macedonica*), **18** (type). - *Callilepis nocturna* (LINNAEUS, 1758): **19-22**, male palp, expanded, **19-20** (from DRENSKY 1929, *Poecilochroa ochridana*), **21-22** (types). Scales: 0.1 (18); 0.3 mm (21-22).

epigyne/vulva is not yet fully developed (Fig. 18). Shape and pattern of cephalothorax and abdomen closely resemble *H. radiata*.

Tarentula Konstantinovi DRENSKY, 1929 = ***Alopecosa sulzeri*** (PAVESI, 1873) (Lycosidae)

LUGETTI & TONGIORGI (1969: 67), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material (1 male, 3 females, 1 juv) was examined and corresponds well with *A. sulzeri*.

Agroeca exortus DRENSKY, 1929 = ***Robertus frivaldskyi*** (CHYZER, 1894) (Theridiidae)

KNOFLACH & THALER (2000: 433).

DRENSKY (1936) changed the species name to *A. exorta*, according to gender of the genus name.

Type material was examined (1 male).

Poecilochroa ochridana DRENSKY, 1929 = ***Callilepis nocturna*** (LINNAEUS, 1758), syn. nov. (Gnaphosidae) (Figs. 19-22)

Types (2 males with expanded palps) were examined. The new synonymy is obvious (Figs. 21-22).

Prosthesima bitolensis DRENSKY, 1929 = ***Zelotes gracilis*** (CANESTRINI, 1869) (Gnaphosidae) (Figs. 23-24)

DELT SHEV & BLAGOEV (2001: 110, 111).

The type (1 female) was examined and a new illustration is presented (Fig. 24).

Zora affinis DRENSKY, 1936 = ***Clubiona comta*** C. L. KOCH, 1839, **syn. nov.** (Clubionidae) (Figs. 25-27)

This species was first tentatively assigned by DRENSKY (1929: 20, 66, *Zora* sp. ?) to this genus or to *Z. manicata* respectively (1929: 76, tab. 2, fig. 3. Later he renamed it as a full species (1936: 131, *Zora affinis*). 1936 therefore must stand as the year of its formal introduction to science.

Type material was not found. The original description and figures fit well to *C. comta*, see Figs. 25-27.

Lepthyphantes slivnensis DRENSKY, 1931 = ***L. istrianus*** (KULCZYNSKI, 1914) (Linyphiidae)

DEELEMANN-REINHOLD (1985: figs: 10-15), DELTSHEV & BLAGOEV (2001: 118).

Type material was examined (1 male).

Troglohyphantes Bureschi DRENSKY, 1931 = ***Lepthyphantes centromeroides*** KULCZYNSKI, 1914 (Linyphiidae)

DELT SHEV (1972: 143), DELTSHEV & BLAGOEV (2001: 110, 111).

Type material was examined (2 males, 6 females).

Euxinella strandi DRENSKY, 1938 = *Nurscia albosignata* SIMON, 1874 (Titanocidae)

LEHTINEN (1967: 253), DELTSHEV & BLAGOEV (2001:127).

Type material was examined (1 female).

Nomen nudum

Araneus riloensis DRENSKY, 1934 (Araneidae)

DELTSHEV & BLAGOEV (2002: 110, 111).

Species inquirendae

Lepthyphantes melanotus DRENSKY, 1921 = *L. nebulosus* var. *melanotus* (DRENSKY, 1921) (Linyphiidae)

WUNDERLICH (1977: 59, figs. 7-8 redrawn from original illustrations, elevated from subspecies).

Type material was not found.

Porrhomma fons-frigidus DRENSKY, 1929 (Linyphiidae)

DRENSKY (1935), THALER (1968: 384).

Type material was not found.

Gnaphosa expilator DRENSKY, 1929 (Gnaphosidae) (Figs. 28-29)

DRENSKY (1955: 362, *G. explicatrix*, misspelling).

Type material (1 subadult female) was examined and new figures are presented. As this is a subadult specimen, its epigyne/vulva is not yet developed. Therefore the species must be reinvestigated.

Pterotricha extitabilis DRENSKY, 1929 (Gnaphosidae)

In the explication to tab. 1, fig. 8-9, DRENSKY (1929) wrote *P. extitabilis*, which must be regarded as a misspelling.

Type material is a female cephalothorax only. Therefore the species awaits rediscovery and redescription.

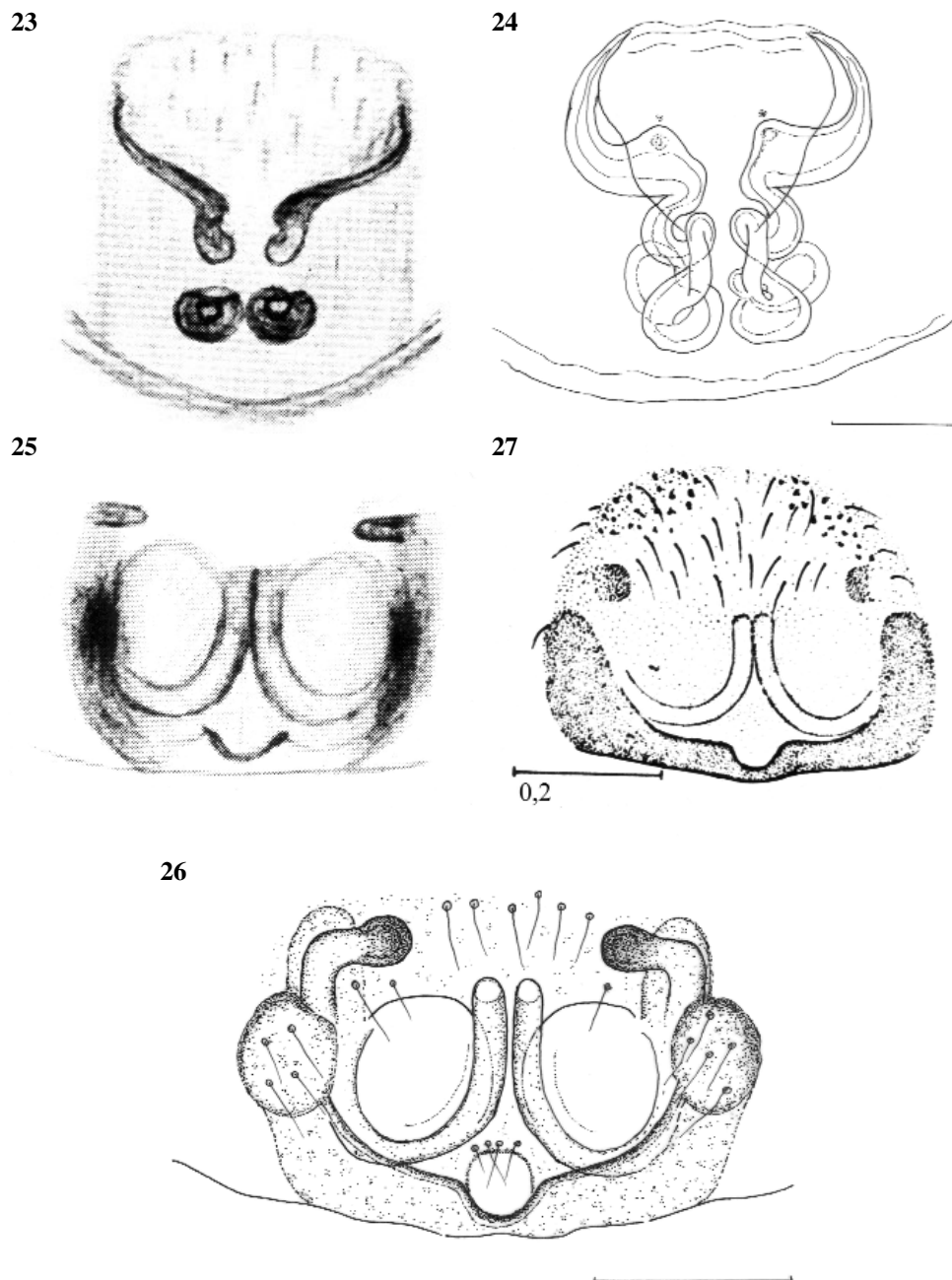
Coelotes pastor pirinicus DRENSKY, 1942 (Amaurobiidae)

DELTSHEV (1990a: 42).

Type material was not found. DRENSKY's description is very short and does not allow safe recognition. In recent collections from the type region *C. kulczynskii* (DRENSKY, 1915) only was discovered.

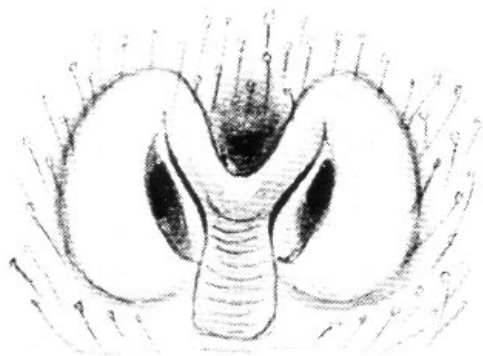
Macedoniella karamani DRENSKY, 1935 (Liocranidae)

Type material was not found. Taxonomic status of this new genus and species need confirmation and must be reinvestigated.

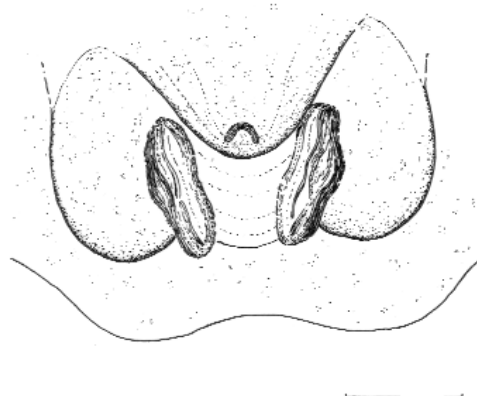


Figs. 23-27: 23-24 *Zelotes gracilis* (CANESTRINI, 1869): 23 epigyne (from DRENSKY 1929, *Prothesima bitolensis*); 24 vulva (type). – 25-27 *Clubiona compta* C. L. KOCH, 1839: epigyne, 25 (from DRENSKY 1929, *Zora affinis*); 26 (specimen from Bulgaria); 27 (from WIEHLE 1965). Scales: 0.1 (24); 0.2 mm (26).

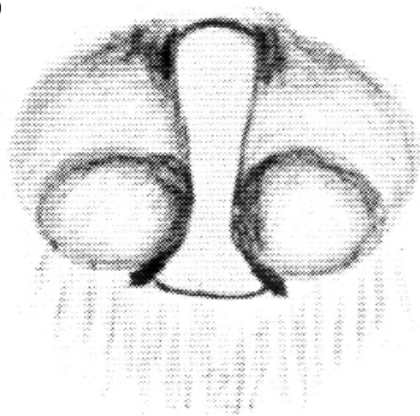
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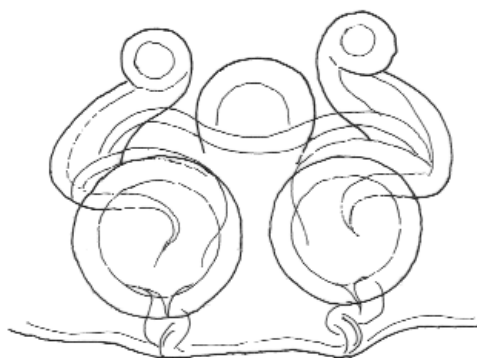
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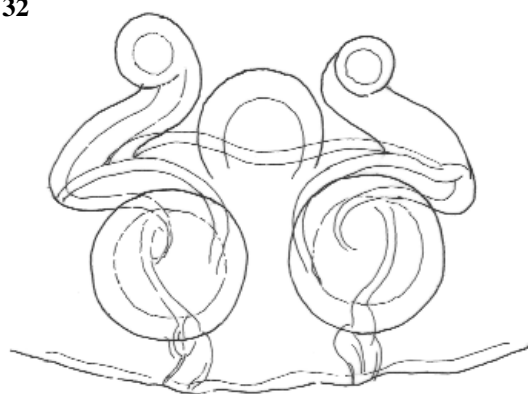
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Figs. 28-32: 28-29 *Gnaphosa expilator* DRENSKY, 1929: epigyne (subadult specimen), 28 from DRENSKY (1929); 29 new figure. – 30-32 *Zora prespaensis* DRENSKY, 1929: 30 epigyne (from DRENSKY 1929); 31-32 vulva, ventral and dorsal view (type). Scale: 0.1 mm (29, 31, 32).

Valid species

Theridium adrianopoli DRENSKY, 1915 = ***Theridion adrianopoli*** (Theridiidae)

DELTSHEV (1992: 117, f. 1-3), KNOFLACH (1997: 133, f. 1-12), DELTSHEV & BLAGOEV (2001: 115).

Type material was examined (1 female).

Amaurobius jurinitschi DRENSKY, 1915 = ***Coelotes jurinitschi*** (DRENSKY, 1915) (Amaurobiidae)

DRENSKY (1915: 156; *A. j.* var. *flavus*), DRENSKY (1915: 156; *A. j.* var. *niger*), DRENSKY (1942: 42, f. 5; *Coelotes j.*), DELTSHEV (1990: 33, f. 4.1-4;), DELTSHEV & BLAGOEV (2001: 127, *C. j.*).

Type material was examined (4 females).

Amaurobius Kulczynsky DRENSKY, 1915 = ***Coelotes kulczynskii*** (DRENSKY, 1915) (Amaurobiidae)

DRENSKY (1939: 86), DRENSKY (1942: 41, fig. 5e; *Coelotes K.*), DELTSHEV (1990: 36, f. 6.1-6; *C. kulczynskii*), DELTSHEV & BLAGOEV (2001: 127; *C. k.*).

Type material was examined (2 females).

Hahnia pirini DRENSKY, 1921 = ***Cryphoecca pirini*** (DRENSKY, 1921) (Hahniidae)

DRENSKY (1942: 56, f. 19; *Cryphoecca p.*), DELTSHEV & BLAGOEV (2001: 126; *C. p.*).

Type material was examined (1 female).

Chiracanthium macedoinica DRENSKY, 1921 = ***Cheiracanthium macedonicum*** DRENSKY, 1921 (Clubionidae)

DELTSHEV & BLAGOEV (2001: 127).

Type material was examined (1 female). This species is closely related to *Ch. striolatum* SIMON, 1878. Both species should be thoroughly compared.

Zodarium gallicum var. ***pirini*** DRENSKY, 1921 = ***Z. pirini*** DRENSKY, 1921 (Zodariidae)

DRENSKY (1940: 173, f. 3a), DELTSHEV (1987: 20, fig. 2.1-3, 3.1-3, *Z. p.*, elevated from subspecies), DELTSHEV & BLAGOEV (2001: 128).

Type material was examined (7 females).

Theridium refugus DRENSKY, 1929 = ***Theridion refugum*** DRENSKY, 1929 (Theridiidae)

DELTSHEV (1992: 20, fig. 1-3), KNOFLACH (1998: 589, fig. 46, 52, 55d), DELTSHEV & BLAGOEV (2001: 115).

Type material was examined (3 females).

Gonatium strugaensis DRENSKY, 1929 = ***Gonatium* (?) *strugaense*** DRENSKY, 1929 (Linyphiidae: Erigoninae)

Type material was not found. The figures given by DRENSKY for the male palp suggest that this species is misplaced in *Gonatium* (MILLIDGE 1981). The species needs revision.

Zora prespaensis DRENSKY, 1929 (Zoridae) (Figs. 30-32)

Type material (1 female) was examined and new figures are presented (Figs. 31-32). The species is related to *Zora spinimana* (SUNDEVALL, 1833).

Lepthyphantes monticola balcanica DRENSKY, 1931 = ***Antrohyphantes balcanicus*** (Drensky, 1931) (Linyphiidae)

DELTSHEV (1972: 137, fig. 1-8; *L. balcanica*, elevated to species rank), DELTSHEV (1988b: 296, fig. 10-14, 27; *Antrohyphantes balcanica*), DELTSHEV & BLAGOEV (2001: 116, A .b.).

Types (3 females) were examined.

Troglohyphantes rhodopensis DRENSKY 1931 = ***Antrohyphantes rhodopensis*** (DRENSKY, 1931) (Linyphiidae)

DUMITRESCU (1971: 168, fig. 1-13; *Antrohyphantes rodopicus* nov. gen. n. sp.), DELTSHEV (1975: 213, *Lepthyphantes* (A.) *rhodopensis*), DELTSHEV (1988b: 297, fig. 15-19, 28; *A. rodopensis*), DELTSHEV & BLAGOEV (2001: 116, A.r.).

Type material (2 females) was examined.

Bolyphantes sophianus DRENSKY, 1931 = ***Antrohyphantes sophianus*** (DRENSKY, 1931) (Linyphiidae)

DRENSKY (1931) also wrote *B. sofianus* which must be regarded as misspelling. MILLER (1958: 578, fig. 48-55; *L. tranteevi*), DELTSHEV (1972: 145, *Lepthyphantes sophianus*), BRIGNOLI (1983: 287, A. s.), DELTSHEV (1988b: 299, figs. 21-24, 29), DELTSHEV & BLAGOEV (2001: 116).

Type material (1 male, 1 female) was examined.

Troglohyphantes bulgarianus DRENSKY, 1931 = ***Centromerus bulgarianus*** (DRENSKY, 1931) (Linyphiidae)

KRATOCHVÍL & MILLER (1938: 111, fig. 2; *C. b.*), DELTSHEV (1973: 117, figs. 1-4, *C.b.*) DELTSHEV & CURCIC (1997: 54, figs. 3, 6, 9, 12; 2002: 170, fig. 5.), DELTSHEV & BLAGOEV (2001: 118).

Type material was examined (1 male, 3 females).

Troglohyphantes lakanikensis DRENSKY, 1931 = ***Centromerus lakatnikensis*** (DRENSKY, 1931) (Linyphiidae)

KRATOCHVÍL & MILLER (1938: 112, *C. l.*), DELTSHEV (1973: 121, figs. 5-10; 1983a: 54, pl. 1, figs. 5-6), DELTSHEV & BLAGOEV (2001: 116).

Type material was examined (1 male, 3 females).

Troglohyphantes trnovensis DRENSKY, 1931 = ***Lepthyphantes trnovensis*** (DRENSKY, 1931) (Linyphiidae)

KRATOCHVÍL & MILLER (1938: 108, *L. t.*), DELTSHEV (1972: 145, fig. 10, sub *L. spelaeorum*), MILLER & SVATON (1978: 13, pl. VI, figs. 4-5, *L. t.*), DELTSHEV (1980: 50, pl. 6), DEELEMEN-REINHOLD (1985: 42, figs. 20-26), DELTSHEV & BLAGOEV (2001: 118).

Type material was examined (2 females).

Troglohyphantes kratochvili DRENSKY, 1935 (Linyphiidae)

DEELEMEN-REINHOLD (1978: 150, figs. 62a-h, 63d-g, 65i).

Type material was not found.

Mesiotelus cyprius scopensis DRENSKY, 1935 (Liocranidae)

HADJISSARANTOS (1940: 96, figs. 32a-b).

Type material was not found.

Amaurobius claustrarius balcanicus DRENSKY, 1940 = ***Callobius claustrarius balcanicus*** (DRENSKY, 1940) (Amaurobiidae)

DELTSHEV & BLAGOEV (2001: 126, *C. c.b.*).

Type material was examined (1 male, 7 females).

Acknowledgements: I am especially indebted to my colleagues Gergin Blagoev and Stoyan Lazarov for discussion and helpful assistance and to Boris Andrev for preparing of the illustrations of Drensky's figures.

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Zeitschrift/Journal: [Berichte des naturwissenschaftlichen-medizinischen Verein Innsbruck](#)

Jahr/Year: 2003

Band/Volume: [90](#)

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Artikel/Article: [A critical review of the spider species \(Araneae\) described by P. Drensky in the period 1915-1942 from the Balkans 135-150](#)