

## A REVIEW OF THE GENUS *NETELIA* GRAY (HYMENOPTERA: ICHNEUMONIDAE: TRYPHONINAE) IN FORMER YUGOSLAVIA

J. KOLAROV<sup>1</sup> AND M. GLAVENDEKIĆ<sup>2</sup>

<sup>1</sup> Faculty of Biology, University of Sofia, 8 Dragan Zankov Boul., BG-1421 Sofia

<sup>2</sup> Faculty of Forestry, Belgrade University, Kneza Višeslava 1, YU-11030 Beograd

In the present paper all citation of the *Netelia* species from Yugoslav countries are surveyed. For 16 species new faunistic data are pointed out. Nine species are new to fauna of former Yugoslavia.

KEY WORDS: *Netelia*, Ichneumonidae, former Yugoslavia, faunistic data.

### INTRODUCTION

The species of the Genus *Netelia* Gray belong to the so called nocturnal ichneumonids having enlarged eyes and ocelli and uniformly pale colouration. They parasitize usually on nocturnal lepidopterous larvae. Till now in Yugoslavia (sensu lato) only 12 species were known. In the present paper all citation of the *Netelia* species from Yugoslavia are surveyed. For 16 species new faunistic data are pointed out. With asterisk are indicated 9 new to Yugoslavian fauna species. The general distribution is taken mainly from DELRIO (1975) and TOLKANITZ (1981). The arrangement of the subgenera is after YU & HORSTMANN (1997). Finally every species is characterized zoogeographically.

### MATERIAL AND METHODS

The specimens were collected mainly with light traps or reared from the hosts in the laboratory. The localities are grouped in order to avoid the repetition of the Mountain or the name of the surrounding urban place. The data of altitude are also included. New material is from the following localities:

Republic Serbia: Mt. Divčibare (Semeglevo); Mt Maljen: 1103m; Valjevo (Graničar); Mt. Goč (Dobra voda, Brezjak, Gvozdac, Brezna, Prerovska reka, Velike livade); Obrenovac (Draževac); Raška (Razdolje: 450 m); Kozjak (Kozjačka reka); Mt. Kopaonik (Šanac, Glog, Lisina: 1000-1300 m; Jošanička banja: 850mm; Brus, Graševci: 600 m; Brus, Bregovi, Bačište: 1600 m; Suvi jelak: 1700 m; Ibarska klisura (Košutevac: 510 m); Mt Prokletije (Kožnjar, Babaloć), Beograd (Šumarski fakultet, Košutnjak, Banovo brdo, Ada Huja), Mt. Avala, Mt Kosmaj, Mt Bukulja: 696 mmm), Deliblatski pesak (Devojački bunar, Grebenac, Šušara, Korn), Vršački breg, Mol, Majdanpek (Debeli lug), Južni kučaj.

Republic Monte Negro: Mt. Durmitor (Žabljak: 1452 m; Čeline: 1500 m; Crno jezero: 1422 m; Riblje jezero: 1409 m; Sedlo: 1900 m; Valoviti do: 1700 m; Dobri do: 1500-1700 m; Borje: 1350 m; Pišće: 1700 m; Pašino polje; Komarnica, Klještine: 1400 m; Bistrica: 700 m; Sušica: 1100 m; Velika kalica: 1900 m; Podgora: 1350 m; Canion of Tara (Crne pode: 650-700 m; Splavište: 700-800 m; Đurđevića Tara: 850 mmm, Tepca: 500-1050 mmm).

Former Republic of Makedonia: Ohrid; Prilep (Pletvar: 1000 mmm).

Former Republic of Bosna i Hercegovina: Tuzla (Svatovac).

## RESULTS AND DISCUSSION

*Netelia (Bessobates) cristata* (Thomson, 1888)

*Parabatus cristatus* Thomson, 1888. Opuscula entomologica, 12, p.1197.

New material: Draževac, 21.07.1979, 2♀; Razdolje, 29.07.1987, 1♂; Mt. Kopaonik, 30.07.1979, 1♂; Semeglevo, 7.07.1959, 1♂; Lisina, 4.08.1986, 1♀; Mt. Divčibare, 22.07.1984, 1♀; Žabljak, 23.06.1981, 1♀; 14.06.1982, 1♀; Tepca, 12.08.1986, 1♂; Borje, 12.09.1982, 1♂; Bistrica, 12.08.1985, 1♂; Svatovac, 26.09.1954, 1♀.

Distribution: Palearctic region.

*Netelia (Bessobates) latungula* (Thomson, 1888)

*Parabatus latungula* Thomson, 1888. Opuscula entomologica, 12, p.1196.

*Netelia latungula*: Strobl, 1904, p.40, Graz.

New material: Draževac, 21.07.79, 1♀; Dobra voda, 18.05.1977, 1♀; 28.07.1965, 2♀; 13.07.1978, 1♂; Brezjak, 21.08.1964, 1♀, 1♂; Kožnjar, 10.07.1976, 1♀; Mt. Kopaonik, 14.09.1978, 1♀; Lisina, 04.08.1986, 1♂; Jošanička banja, 23.07.1987, 1♂, 6.08.1986, 1♂.; Graševci, 5.08.1986, 1♂; Mt. Maljen, 03.08.1969, 1♂; Šumarski fakultet, 18.08.1989, 1♀; 17.05.1989, 1♀; 15.05.1989,

1♀; Košutnjak, 08.10.1975, 1♂; Žabljak, 29.06.1981, 3♀; 4.07.1981, 1♀; 9.06.1988, 1♂; 14.09.1982, 1♀; Sedlo, 14.06.1981, 2♀; Čeline, 11.08.1989, 1♀; Valoviti do, 11.06.1981, 1♀; Pišće, 14.06.1988, 1♀, 1♂; Pašino polje, 14.08.1988, 1♂; 18.08.1986, 1♀; Splavište, 18.08.1988, 1♂; Borje, 12.09.1982, 1♂;

Distribution: Holarctic.

\* *Netelia (Bessobates) virgata* (Geoffroy, 1785)

*Ichneumon virgatus* Geoffroy, 1785. Entomologia parisiensis ..., p.401.

New material: Lisina, 1300, 4.08.1986, 3♂♀; 22.07.1987, 1♂♀; Mt. Divčibare, 22.07.1954, 1♀; Gvozdec, 27.08.1962, 1♀; Svatovac, 26.09.1954, 1♀; Mt. Avala, 28.08.1955, 1♀; Bregovi, 24.07.1987, 1♀; Dobra voda, 26.07.1966, 1♂; 16.08.1961, 1♂; Mt. Kopaonik, 10.07.1978, 1♂; 30.07.1979, 1♂; 24.08.1979, 1♂; Mt. Divčibare, 22.07.1954, 4♂; Brezna, 28.08.1962, 1♂; Bačište, 03.08.1986, 1♂; Jošanička banja, 06.08.1986, 1♂. Komarnica, Klještina, 24.07.1985, 2♂; Žabljak, 07.06.1985, 1♀; 26.07.1981, 1♂; 14.09.1982, 1♂; 9.06.1988, 12♀; Čeline, 08.07.1987, 2♀; 11.08.1988, 1♀, 4♂; Crne pode, 07.06.1981, 2♂; Riblje jezero, 13.09.1982, 1♂; Tepca, 21.07.1985, 1♀, 7♂; Sušica, 13.08.1986, 2♂; Velika kalica, 27.07.1985, 1♂; Podgora, 14.08.1986, 1♂.

Distribution: Palearctic and Oriental region.

*Netelia (Netelia) dilatata* (Thomson, 1888)

*Paniscus dilatatus* Thomson, 1888. Opuscula entomologica, 12, p.1200.

*Paniscus capito*: Seyrig, 1927, p. 238, Sarirazar.

New material: Jošanička. banja, 06.08.1986, 1♂; Zemun, 16.07.1962, 1♀; Zemun, 15.07.1962, 1♂.

Distribution: Palaearcti.

*Netelia (Netelia) fuscicarpus* (Kokujev, 1899)

*Paniscus fuscicarpus* Kokujev, 1899. Horae Soc. ent. Rossicae, 34, p.129, 137, 150.

*Netelia ocellaris ambiguator* Aubert, 1968, p. 99, Zlatibor, Zadar, Borje.

Distribution: Western Palearctic and Ethiopian region.

*Netelia (Netelia) fuscicornis* (Holmgren, 1860)

*Paniscus fuscicornis* Holmgren, 1860. Svenska Vetensk. Akad. Handl. (n.f.) 2(8), p.32.

*Netelia (Netelia) fuscicornis*: Delrio: 1975, p.52, Macedonia, Yagladzlik Vardar, Kerdjalar Mission du Vardar, Ljumnica ouest de Guygueli, June, along Cierna river, Sarirazar Vardar.

New material: Graševci, 5.08.1986, 8♀; Lisina, 04.08.1986, 4♀, 1♂; Prerovska reka, 9.10.1965, 1♀; Šumarski fakultet, 28.05.1988, 1♀; 17.05.1989, 1♀; Banovo brdo, 15.09.1961, 1♀; Kožnjari, 10.07.1976, 2♂; Jošanička banja, 06.08.1986, 2♀; Devojački bunar, 28.08.1963, 1♀; Lisina, 29.07.1987, 1♀; Mt. Divčibare, 22.07.1954, 2♀, 3♂; Bačište, 03.08.1986, 1♀; Mol, 05.07.1967, 1♀; Mt. Kosmaj, October, 1960, 1♀; Južni kučaj, 18.05.1969, 1♀; Košutnjak, 08.10.1975, 2♀; Debeli lug, 20.11.1974, 2♀; Brezna, 28.08.1962, 1♂; Zemun, 16.07.1962, 3♀, 3♂; Mt. Bukulja, 23.06.1954, 1 ♀ (damaged sample); 09.06.1954, 1♀; Glog, Lisina, 09.07.1959, 1♀; Brezjak, 21.08.1964, 1♀; Mt. Goč, 3.07.1967, 1♀; Jošanička banja, 23.07.1987, 1♀; Mt. Goč, 27.08.1964, 1♀; Devojački bunar, 28.08.1963, 2♀; Grebenac, 09.09.1979, 1(damaged sample); Mt. Maljen, August, 1953, 1♂; Šušara, 19.09.1965, 1♀; Đurđevića. Tara, 29.06.1986, 1♀; Sedlo, 14.06.1981, 1♀; Tepca, 12.08.1986, 2♀, 1♂; Tepca, 21.07.1985, 1♀, 1♂; Sušica, 13.08.1986, 1♀.

Distribution: Palearctic and Oriental region.

*Netelia (Netelia) infractor* Delrio, 1971

*Netelia infractor* Delrio, 1971. Bull. Soc. ent. Mulh., sept.-oct., p.69.

*Netelia (Netelia) infractor*: Aubert, 1973, p.18, Zlatibor, Delrio, 1975, p.54, the same place and time; Tolkanitz, 1981, p.113; Kasparyan, 1981, p.109.

Distribution: France, Netherlands, Italy, Yugoslavia, Ukraine and Caucasus.

*Netelia (Netelia) melanura* (Thomson, 1888)

*Paniscus melanurus* Thomson, 1888. Opuscula entomologica, 12, p.1199.

*Paniscus melanurus* Thoms. (= *testaceus* Grav): Schletterer, 1894, p.19, June and October.

Distribution: Europe and Turkey.

*Netelia (Netelia) opacula* (Thomson, 1888)

*Paniscus opaculus* Thomson, 1888. Opuscula entomologica, 12, p.1199.

*Paniscus opaculus*: Strobl, 1904, p.40, Zadar.

Distribution: Palearctic, Oriental and Oceanic region.

\* *Netelia (Netelia) paramelanura* Tolkanitz, 1981

*Netelia (Netelia) paramelanura* Tolkanitz, 1981. Fauna Ukraina, 11 (1), p.113.

New material: Mt. Kopaonik, 11.07.1959, 1♀; 14.09.1978, 1♂; Gvozdac, 24.08.1964, 1♀; Dobra voda, 13.07.1978, 1♀, 1♂; Gvozdac, 26.08.1960, 1♂; Draževac, 21.07.1979, 5♂; Mt. Kosmaj, October, 1960, 2♀; Žabljak, 29.06.1981, 1♀; Pašino polje, 14.08.1988, 1♂; Đurđevića. Tara, 22.06.1985, 3♂; Mt. Durmitor, 14.09.1982, 1♀; Tepca, 06.07.1987, 1♂; 12.08.1986, 1♂; Bistrica, 12.08.1985, 2♂.

Distribution: Palaearctic.

\* *Netelia (Netelia) praevalvator* Delrio, 1971

*Netelia (Netelia) praevalvator* Delrio, 1971. Bull. ent. Mulh., sept.-oct., p.69.

New material: Žanac, Glog, 11.06.1989, 1♀; Jošanička banja, 06.08.1986, 1♀; 23.07.1987, 1♂; Košutnjak, 10.07.76, 1♂; Kočnjar, 10.07.1976, 2♂; Dobra voda, 21.05.1977, 1♀; Debeli lug, 23.05.1981, 1♂; Želine, 11.08.1988, 1♂; Đurđevića Tara, 22.06.1985, 1♀, 1♂; Tepca, 21.7.1985, 1♂.

Distribution: North Africa, Italy, Bulgaria, and Crimea.

\* *Netelia (Netelia) silantjewi* (Kokujev, 1899)

*Paniscus silantjewi* Kokujev, 1899. Horae Soc. ent. Rossicae, 34, p.133.

New material: Kožnjar, 10.07.1976, 2♂; Jošanička banja, 06.08.1986, 1♀, 3♂; 23.07.1987, 1♀; Lisina, 04.08.1986, 2♀, 1♂; Debeli lug, 26.05.1976, 1♀; Razdolje, 29.07.1987, 1♀; Baba lo, 03.07.1977, 1♀; Graševci, 05.08.1986, 3♀, 1♂; Mt. Divčibare, 28.08.1980, 1♀, 1♂; 22.07.1954, 1♀; Devojački bunar, 28.08.1963, 1♀, 1♂; Jučni kučaj, 18.05.1969, 2♀; Dobra voda, 13.07.1976, 1♀; 21.07.1977, 1♀; Kozjačka reka, 13.07.1965, 1♂; Mt. Maljen, August, 1953, 1♂; Draževac, 21.07.1979, 2♂; Korn, 10.09.1979, 2♀, 1♂; Ada Huja, 17.10.1956, 1♀; Mt. Goč, 03.07.1967, 1♀; Zemun, 16.07.1962, 1♀; Lisina, 22.07.1987, 2♀; Šumarski fakultet, 18.05.1989, 1♀; Maljen, July, 1951, 1 (damaged sample), July, 1953, 1♂; Kopao-nik, 26.07.1979, 1♂; Podgora, 14.08.1986, 1♂; Pašino polje, 14.06.1988, 1♀; Tepca, 06.07.1987, 1♀; Tepca, 12.08.1986, 4♀, 7♂; Crne pode, 7.06.1981, 1♀; Čeline, 11.08.1988, 2♂; Đurđevića Tara, 22.06.1985, 1♀, 3♂; Crno jezero, 06.07.1981, 1♀; Žabljak, 14.09.1982, 1♀, 1♂; Tepca, 21.07.1985, 1♀; Crne pode, 07.06.1981, 2♀; Svatovac, 6.08.1954, 1♀; Svatovac, 24.05.1954, 1♂.

Distribution: Palearctic and Oriental region.

*Netelia (Netelia) testacea* Gravenhorst, 1829

*Paniscus testaceus* Gravenhorst, 1829. Ichneum. eur., 3, p.626.

*Paniscus testaceus*: Kriechbaumer, 1880, p.74, ex *Toxocampa craccae* (S.V.) F.; Strobl, 1904, p.40, Zara; Seyrig, 1927, p.238, along Cerna river, Monastir, near Prespa lake and Ohrid.

New material: Deliblatski pesak, 24.07.1985, 1 (damaged sampe); Graničar, 16.05.1949, 1♀; 10.08.1949, 1♀; 25.05.1949, 1♀; Beograd, 07.08.1954, 1♂; Mt. Divčibare, 22.07.1954, 1♀; Korn, 10.09.1979, 1♀; Grebenac, 09.09.1979, 1♀; Semeglevo, 10.07.1959, 1♀; Mt. Avala, 28.08.1955, 1♀; Beograd, 07.05.1952, 1♀; Mt. Maljen, 26.07.1954, 1♂; Žabljak, 09.05.1988, 1♀; Pišće, 14.06.1988, 1♀.

Distribution: Palearctic, Oriental, Australian and Oceanic region.

*Netelia (Netelia) vinulae* (Scopoli, 1763)

*Ichneumon vinulae* Scopoli, 1763. Entomologia carniolica, p.286, Carniola.

*Paniscus testaceus*: Rogenhofer & Dalla Torre, 1882, p.597.

*Netelia (Netelia) vinulae*: Townes et al., 1965, p.95; Yu & Horstmann, 1997, p.912.

New material: Tepca, 21.07.1985, 1♂.

Distribution: Palearctic, Oriental and Oceanic region.

\* *Netelia (Paropheltes) contiguator* Delrio, 1975

*Netelia (Paropheltes) contiguator* Delrio, 1975. Studii Sas. Sez. III.-Ann. Fac. Agr. Univ. Sas., 23, p.22.

New material: Đurđevića Tara, 22.06.1985, 1♀; Tepca, 21.07.1985, 1♂.

Distribution: France, Switzerland and Montenegro.

*Netelia (Paropheltes) elevator* Aubert, 1971

*Netelia elevator* Aubert, 1971. Bull. Soc. ent. Mulh., sept.-oct., p.70, 71.

*Netelia (Paropheltes) elevator*: Aubert, 1971, p.70, Zlatibor, Aubert, 1973, p.18, the same place and time; Delrio, 1975, p.24, the same place and time; KOLAROV, 1979, p.198; Tolkanitz, 1981, p.84.

New material: Žabljak, 07.06.1985 1♀; 14.09.1982, 1♀; Tepca, 21.07.1985, 2♂; Valoviti do, 11.06.1981, 1♀. Bačište, 03.08.86, 1♂; Lisina, 19.07.1987, 1♂; 4.08.1986, 1♂; Baba lo, 03.07.1977, 2♂; 5.07.1977, 1♂; Košutevac, 24.07.1987, 1♀; Mt. Maljen, July, 1953, 1♂; Vršački breg, 04.09.1953, 2♀, 1♂; Semeglevo, 07.07.1959, 1♂; 10.07.1959, 1♂; Macedonia - Ohrid, 3-17.08.1957, 1♀.

Distribution: North Africa, Spain, Italy, France, Sardinia, Switzerland, Serbia, Bulgaria, Crimea and Caucasus (Armenia).

\* *Netelia (Paropheltes) lineolata* (Costa, 1883)

*Paniscus lineolatus* Costa, 1883. Atti Reale Acc. Sc. Fis. Mat. Napoli, I, p.100.

New material: Draževac, 21.07.1979, 1♂; Žabljak, 07.06.1985, 1♂; Čeline, 08.07.1987, 2♀, 2♂; 11.08.1988, 1♂.

Distribution: Algeria, Canary Islands, Spain, Italy, Switzerland, Bulgaria, Armenia and Oriental region.

*Netelia (Paropheltes) ornata* (Vollenhoven, 1873)

*Paniscus ornatus* Vollenhoven, 1873. Tijdschr. v. Ent., 16, p.218.

*Paniscus thomsoni* var *longipes*: Strobl, 1904, p.52, Zadar.

*Netelia decorator*: Aubert, 1968, p.96, Zara.

*Netelia (Paropheltes) ornatus*: Delrio, 1975, p.31.

Distribution: Spain, France, Netherlands, Finland, Italy, Yugoslavia, Algeria, Izrael and China.

\* *Netelia (Paropheltes) tarsata* (Brischke, 1880)

*Paniscus tarsatus* Brischke, 1880. Schrift. naturf. Ges. Danzig, 4, p.138.

New material: Deliblatski pesak, 20.07.1960, 1♀; Devojački bunar, 28.08.1963, 1♀; Mt. Divčibare, 22.07.1954, 1♀; Riblje jezero, 13.09.1982 1♀.

Distribution: Holarctic.

*Netelia (Paropheltes) thomsoni* Brauns, 1889

*Paniscus thomsoni* Brauns, 1889. Arch. Naturg. Necklenb., 43, p.85.

*Paniscus thomsoni*: Strobl, 1904, p.40, Graz, Zadar.

*Netelia (Netelia) thomsoni*: Delrio, 1975, p.35, Zlatibor, August.

New material: Graševci, 05.08.1986, 1♀, 2♂; 24.07.1987, 1♀, 2♂; Bačište, 03.08.1986, 1♂; Mt. Kopaonik; 11.07.1959, 1♂; Jošanička banja, 23.07.1987, 1♀; Mt. Divčibare, 28.08.1980, 1♂; Deliblatski pesak, 24.07.1985, 1♂; Suvi jelak, 13.07.1967 1♂; Mt. Maljen, July, 1953, 1♀; 26.07.1953, 1♂; Mt. Avala, 28.8.55, 1♂; Šušara, 19.9.1965, 1♀. Sušičko jezero, 13.08.1986 1♂; Čeline, 08.07.1987, 2♂; Žabljak, 14.09.1982, 2♂; Tepca, 21.07.1985 2♂; Đurđevića Tara, 22.06.1985 1♀, 1♂; Pašino polje, 14.08.1988, 1♀; Dobri do, 15.09.1982, 1♀.

Distribution: Palearctic and Oriental region.

\* *Netelia (Prosthodocis) japonica* (Uchida, 1928)

*Parabatus cristatus* var. *japonicus* Uchida, 1928. Jour, Faculty Agr. Hokkaido Imp. Univ., 21, p.196.

New material: Lisina, 04.08.1986, 3♂; Jošanička banja, 6.08.1986, 7♂; 23.07.1987, 1♀; Graševci, 05.08.1986, 1♀, 4♂; Mt. Kopaonik, 30.08.1989, 1♂; Gvozdac, 13.08.1968, 1♂; 23.08.1962, 1♀; 27.08.1962, 1♂; Dobra voda, 13.06.1978, 1♂; 22.06.1963, 1♂; 13.07.1976, 1♂; Velike livade, 29.07.1965, 1♂; Kožnjak, 20.07.1976, 1♂; Šumarski fakultet, 18.05.1989, 2♂; Debeli lug, 04.06.1977, 1♂; Sedlo, 24.06.1981, 1♀, 1♂; Tepca, 12.08.1986, 5♂; Žabljak, 14.09.1982, 2♂; 23.06.1981, 1♀; 29.06.1981, 4♀, 1♀; 4.07.1981, 2♂; 13.09.82, 1♂; Tepca, 06.07.1987, 2♂; Pašino polje, 14.05.1989, 1♀; Crno jezero, 6.07.1981, 1♀; Crne pode, 07.06.1981, 2♀, 5♂; Đurđevića Tara, 22.06.1985, 1♂; Bistrica,

13.07.1981, 1♂; Borje, 12.09.1982, 1♂; Čeline, 11.08.1988, 1♂; Splavište, 18.08.1988, 2♂. Pletvar, 17.05.1987 1♂; Svatovac, 26.09.1954, 1♂.

Distribution: Palearctic and Oriental region.

The above treated species can be divided into the following groups according to their type of geographic distribution.

Multiregional distribution have 9 species. With Palearctic and Oriental ranges are *N. virgata*, *N. fuscicornis*, *N. silantjewi*, *N. thomsoni* and *N. japonica*. More wide ranges have *N. opacula* and *N. vinulae* - besides Palearctic and Oriental regions they occur the Oceanic region too. *N. fuscicarpus* is distributed in Westewrn Palearctic and Ethiopian region. *N. lineolata* occurs in North Africa, South Europe, Armenia and Oriental region. The most wide distribution has *N. testacea* with ranges in Palearctic, Oriental, Australian and Oceanic region.

Holarctic range have *N. latungula* and *N. tarsata*.

Four species have Palearctic ranges. Three of them - *N. cristata*, *N. dilatata* and *N. paramelanura* have transpalearctic distribution, and the range of *N. ornata* pervades Algeria, Western Europe, Yugoslavia, Izrael and China.

*N. melanura* is distributed in Europe and Turkey.

With submediterranean range are 4 species - *N. infractor*, *N. praevalvator*, *N. contiguator* and *N. elevator*.

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ПРЕГЛЕД ВРСТА РОДА *NETELIA* GRAY (HYMENOPTERA,  
ICHNEMUONIDAE, TRYPHONINAE) У ПРЕТХОДНОЈ ЈУГОСЛАВИЈИ

J. КОЛАРОВ, М. ГЛАВЕНДЕКИЋ

**Извод**

У раду су цитирани сви подаци о врстама рода *Netelia* које су забележене на подручју југословенских земаља и обрађен нови материјал који се налази у збирци Шумарског факултета у Београду. Укупно је до сада утврђена 21 врста: *Netelia (B.) cristata* Thomson, *N. (B.) latungula* Thomson, *N. (B.) virgata* Geoffroy, *N. (N.) dilatata* Thomson, *N. (N.) fuscicarpus* Kokujev, *N. (N.) opacula* Thomson, *N. (N.) paramelanura* Tolkanitz, *N. (N.) praevalvator* Delrio, *N. (N.) silantjewi* Kokujev, *N. (N.) testacea* Gravenhorst, *N. (N.) vinulae* Scopoli, *N. (P.) contiguator* Delrio, *N. (P.) elevator* Aubert, *N. (P.) lineolata* Costa, *N. (P.) ornata* Vollenhoven, *N. (P.) tarsata* Brischké, *H. (II.) ѱхомсони* Браунс, *H. (Пр.) јайоница* Уцхида.

За 16 врста дају се нови фаунистички подаци а 9 су нове за фауну претходне Југославије.

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