

New records of the Carpathian Trichoptera

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ABSTRACT: In this paper, as a byproduct of our intense efforts to collect young incipient limnephilid species, we publish the primary distributional and seasonal data of other 86 Trichoptera species from the following families: Philopotamidae: 4 species, Polycentropodidae: 5 species, Psychomyiidae: 3 species, Hydro-
psychidae: 6 species, Rhyacophilidae: 13 species, Glossosomatidae: 3 species, Brachycentridae: 1 species, Goeridae: 3 species, Apataniidae: 2 species, Limnephilidae: Drisinae: 7 species, Limnephilinae: Limnephilini: 7 species, Chaetopterygini: 11 species, Stenophylacini: 19 species, Beraeidae: 2 species and Sericostomatidae: 2 species.

Introduction

During a systematic and tedious process in the last seven years we have discovered the very sensitive fine structure of the genitalia as speciation trait while working on the taxonomy of unsettled limnephilid taxa (OLÁH et al. 2015). Applying the fine structure analysis of the speciation traits we have collected, specified and determined 70 new European limnephilid species mostly from the Carpathian Basin s.l., that is from the inner slopes of the Carpathians, the Alps and mountain ranges of the Western Balkan Peninsula (OLÁH 2010, 2011a,b,c,d; OLÁH & KOVÁCS 2012, 2013, 2014; OLÁH et al. 2012, 2013a,b, 2014, 2015; VITECEK et al. 2015). During population sampling of these incipient limnephilid species we have collected by sweep netting and light trapping other caddisfly species from various families. Here we present their distributional and seasonal primary data.

Abbreviations: OPC = Oláh Private Collection under national protection of the Hungarian Natural History Museum, Budapest.

Results

PHILOPOTAMIDAE Stephens, 1829

Philopotamus ludificatus McLachlan, 1878 – **Slovakia**, Rejdova (Sajóréde), Slana (Sajó) stream, lower reach, N48°48'15", E20°13'33", 910 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1♂, OPC).

Philopotamus montanus (Donovan, 1813) – **Romania**, Apuiseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (3♂, OPC). Apuiseni Mts, Bihor Mts, Crisul Pietros Saritoarea-Cascade Bohodeiului, N46°39'31.97", E22°38'26.25", 1123 m, 04.07.2013, Cs. Balogh (1♂, 1♀, OPC). Apuiseni Mts, Bihor Mts, Crisul Pietros, Valea Aleului, N46°38'24.3", E22°36'27.9", 634 m, 04.07.2013, Cs. Balogh (2♂, 8♀, OPC). Apuiseni Mts, Bihor Mts, Crisul Pietros, Valea Sebiselu, N46°36'56.61", E22°29'16.68", 518 m, 04.07.2013, Cs. Balogh (4♂, OPC). Apuiseni Mts, Bihor Mts, Baita, Baita Plai, tributary Crisul Baita, N46°28'52.10", E22°36'10.03", 507 m, 15.05.2014, Cs. Balogh, B. V. Béres (8♂, OPC). Apuiseni Mts,

Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N46°29'56.08", E22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (9♂, OPC). Apuseni Mts, Muntii Gilaului, Caps, stream Iara, N46°35.688', E23°15.067', 979 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (9♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Iertii, N46°33.001', E23°20.014', 1055 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°39.524', E23°55.019', 1138 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (4♂, OPC). **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (2♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (4♂, OPC). **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, below Lubnya (Kiesvölgy), N49°00'54.81", E22°43'23.82", 478 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (2♂, 1♀, OPC).

Philopotamus variegatus (Scopoli 1763) – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (8♂, 3♀, OPC). Apuseni Mts, Muntii Trascaului, Valea Borzesti stream, near Turda, 20.06.2013, singled J. Oláh, Cs. Balogh, S. Fekete (2♂, OPC). Apuseni Mts, Vlădeasa Mts, Jada stream, Cascada Valul Miresei, N46°42'42.2", E22°35'04.9", 900 m, 03.07.2013, Cs. Balogh (3♂, OPC).

Wormaldia occipitalis Pictet, 1834 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Valea Aleului, N46°38'24.3", E22°36'27.9", 634 m, 04.07.2013, Cs. Balogh (2♂, 1♀, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Valea Sebiselu, N46°36'56.61", E22°29'16.68", 518 m, 04.07.2013, Cs. Balogh (2♂, 6♀, OPC). Apuseni Mts, Vlădeasa Mts, Jada stream, Jedulului tributary, Saritoarea Iedutului Waterfall, N46°42'42.2", E22°35'04.9", 950 m, 03.07.2013, Cs. Balogh (4♂, 1♀, OPC). Apuseni Mts, Bihor Mts, Baita, Baita Plai, tributary Crisul Baita, N46°28'52.10", E22°36'10.03", 507 m, 15.05.2014, Cs. Balogh, B. V. Béres (3♂, 1♀, OPC). Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N46°29'56.08", E22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°27'30.23", E22°47'55.15", 788 m, 22.08.2013, singled, Cs. Balogh (6♂, 9♀, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°27.0493', E22°47.895', 788 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (5♂, 2♀, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°27.0493', E22°47.895', 788 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (47♂, 39♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (10♂, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (4♂, 2♀, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (3♂, 2♀, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°41.999', E23°53.527', 726 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♀, OPC). Retezat Mts, tributary of Cerna stream, 1208 m, N45°13'10.39", E22°50'24.17", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (3♂, 4♀, OPC). **Slovakia**, Rejdova (Sajóréde), Mlynná stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés J2♂, 2♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (4♂, 3♀, OPC). **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, below Lubnya (Kiesvölgy), N49°00'54.81", E22°43'23.82", 478 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (2♀, OPC). Bieszczady Mts (Besszádok), Ung National Park, small forested stream between Uzsok Pass and Uzsok, N48°59'33.52", E22°52'03.40", 642 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (8♂, 7♀, OPC).

POLYCENTROPODIDAE Ulmer, 1903

Plectrocnemia brevis McLachlan, 1871 – **Romania**, Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC). Retezat Mts, Pietrele stream, above Cascada Lolaia, 1260 m, N45°24'56.3", E22°53'19.7", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

Plectrocnemia conspersa (Curtis, 1834) – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (12♂, 3♀, OPC).

Plectrocnemia kibelai Botosaneanu, 1967 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (1♂, 1♀, OPC). Apuseni Mts, Bihor Mts, Valea Iada, Tilpe tributary, N46°42'45.5", E22°35'48.46", 930 m, 03.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°27.0493', E22°47.895', 788 m, 26.06.2014, singled, Cs. Balogh (1♂, OPC).

Polycentropus excisus Klapálek, 1894 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (2♂, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC). *Polycentropus flavomaculatus* (Pictet, 1834) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 03.07.2013, light trap, Cs. Balogh (1♀, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (1♂, OPC).

PSYCHOMYIIDAE Walker, 1852

Psychomyia pusilla (Fabricius, 1781) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (1♀, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (11♂, 8♀, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (1♂, OPC).

Tinodes kimminsi Sykora, 1962 – **Romania**, Apuseni Mts, Vladeasa Mts, Jada stream, Iedulului tributary, Saritoarea Iedulului Waterfall, N46°42'42.2", E22°35'04.9", 950 m, 03.07.2013, Cs. Balogh (1♂, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°41.999', E23°53.527', 726 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC).

Tinodes rostocki McLachlan, 1878 – **Romania**, Apuseni Mts, Vladeasa Mts, Jada stream, Iedulului tributary, Saritoarea Iedulului Waterfall, N46°42'42.2", E22°35'04.9", 950 m, 03.07.2013, Cs. Balogh (1♂, OPC). Apuseni Mts, Muntii Trascaului, Valea Borzesti stream, near Turda, 20.06.2013, singled J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC).

HYDROPSYCHIDAE Curtis, 1835

Hydropsyche bulbifera McLachlan, 1878 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 03.07.2013, light trap, Cs. Balogh (3♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (1♂, OPC).

Hydropsyche contubernalis McLachlan, 1865 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (1♂, OPC).

Hydropsyche dinarica Marinković-Gospodnetić, 1979 – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC).

Hydropsyche incognita Pitsch, 1993 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (3♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 03.07.2013, light trap, Cs. Balogh (3♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (14♂, OPC).

Hydropsyche instabilis (Curtis, 1834) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (3♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 03.07.2013, light trap, Cs. Balogh (2♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

Hydropsyche tabacarii Botosaneanu, 1960 – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, singled and light, J. Oláh, Cs. Balogh, S. Fekete (4♂, OPC). Retezat Mts, Ursu stream, 1170 m, N45°15'56.86", E22°52'51.94", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

RHYACOPHILIDAE Stephens, 1836

Rhyacophila fasciata Hagen, 1859 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros Saritoarea-Cascade Bohodeiului, N46°39'31.97", E22°38'26.25", 1123 m, 04.07.2013, Cs. Balogh (1♂, 1♀, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°27'30.23", E22°47'55.15", 788 m, 22.08.2013, singled, Cs. Balogh (2♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°27.493', E22°47.895', 788 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare,

N46°270.493', E22°47.895', 788 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (1♂, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (109♂, 57♀, OPC). **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, above Lubnya (Kiesvölgy), N49°02'13.90", E22°42'59.75", 579 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (1♂, OPC).

Rhyacophila furcifera Klapálek, 1904 – **Romania**, Cindrel Mts, Paltinis, spring streams of stream Batrana Mica, N45°37.716', E23°55.248', 1583 m, 28.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (2♂, 1♀, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°38.582', E23°55.577', 1378 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Retezat Mts, Nucsoara stream, Cascada Lolaia, 1080 m, N45°25'33.73", E22°53'53.94", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

Rhyacophila hageni McLachlan, 1879 – **Slovakia**, Rejdova (Sajóréde), Mlynná stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (4♂, 1♀, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, lower reach, N48°48'15", E20°13'33", 910 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1♂, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, lower reach, N48°48'15", E20°13'33", 910 m, 03.10.2013, singled, J. Oláh, J. Kecskés (3♂, OPC). Rejdova (Sajóréde), small tributary, 21.09.2013, light trap, J. Oláh jr. (1♂, OPC).

Rhyacophila kimminsiana Botosaneanu, 1958 – **Romania**, Bucegi Mts, Lalomita stream, N45.416957°, E25.416958°, 1837 m, 15.07.2015, Z. Baczó, J. Kecskés (1♂, OPC).

Rhyacophila laevis Pictet, 1834 – **Romania**, Apuseni Mts, Bihor Mts, Baita, Baita Plai, tributary Crisul Baita, N46°28'52.10", E22°36'10.03", 507 m, 15.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (11♂, 1♀, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (3♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (5♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 19-20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (4♂, OPC). Retezat Mts, tributary of Cerna stream, 1208 m, N45°13'10.39", E22°50'24.17", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (3♂, OPC).

Rhyacophila mocsaryi Klapálek, 1898 – **Romania**, Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Vadului stream, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (2♂, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (4♂, 3♀, OPC). Retezat Mts, Nucsoara stream, Cascada Lolaia, 1080 m, N45°25'33.73", E22°53'53.94", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

Rhyacophila motasi Botosaneanu, 1957 – **Romania**, Apuseni Mts, Vladeasa Mts, Jada stream, Cascada Valul Miresei, N46°42'42.2", E22°35'04.9", 900 m, 03.07.2013, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Baita, Baita Plai, tributary Crisul Baita, N46°28'52.10", E22°36'10.03", 507 m, 15.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N46°29'56.08", E22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (2♂, OPC). Apuseni Mts, Garda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (2♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (3♂, OPC). Apuseni Mts, Vartop, spring stream (Flescula), N46°31'07.23", E22°39'41.69", 1209 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♀, OPC).

Rhyacophila nubila Zetterstedt, 1840 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 03.07.2013, light trap, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Girda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Retezat Mts, Chele Butii, 936 m, N45°18'07.30",

E22°58'27.92", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC). **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, above Stuzhytsya village (Patkófalú), N49°02'31.92", E22°34'51.16", 453 m, 19.09.2013, light, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (1♂, OPC). Bieszczady Mts (Besszádok), Ung National Park, below Lubnya (Kiesvölgy), N49°00'54.81", E22°43'23.82", 478 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (1♂, OPC).

Rhyacophila obliterata McLachlan, 1863 – **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (6♂, 2♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (109♂, 57♀, OPC). Banskobystrický region, Poľana Mts, Hriňová, sidebrook of Slatina Stream, N48°37.210', E19°31.582', 514 m, 08.10.2013, singled, J. Oláh, L. Szél (8♂, 6♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (7♂, OPC). **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, above Lubnya (Kiesvölgy), N49°02'13.90", E22°42'59.75", 579 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (5♂, 1♀, OPC). Bieszczady Mts (Besszádok), Ung National Park, below Lubnya (Kiesvölgy), N49°00'54.81", E22°43'23.82", 478 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (2♂, OPC).

Rhyacophila orghidani Botosaneanu, 1952 – **Romania**, Apuseni Mts, Bihor Mts, above Galbena village, valley Cepelor, N46°27'44.01", E22°43'58.88", 1035 m, 13.05.2014, Cs. Balogh, B. V. Béres (1♂, 1♀, OPC). Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, 14.05.2014, 1 N46°29'56.08", E22°43'48.64", 902 m, Cs. Balogh, B. V. Béres (41♂, 8♀, OPC). Apuseni Mts, Muntii Gilaului, Baisoara, 01.07.1997, L. Újvárosi (1♂, OPC). Apuseni Mts, Muntii Gilaului, Baisoara, 1378 m, 30.05.2007, M. Bálint (1♂, OPC). Apuseni Mts, Muntii Gilaului, Caps, stream Iara, N46°35.688', E23°15.067', 979 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (3♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (3♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (5♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocerle, spring streams, N46°30.241', E23°15.550', 1552 m, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (8♂, 2♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocerle, spring streams, N46°30.241', E23°15.550', 1552 m, 19-20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juász (3♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (97♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (3♂, OPC). Apuseni Mts, Vartop, spring stream (Flescula), N46°31'07.23", E22°39'41.69", 1209 m, 14.05.2014, Cs. Balogh, B. V. Béres (3♂, 3♀, OPC).

Rhyacophila polonica McLachlan, 1879 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (2♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Valea Aleului, N46°38'24.3", E22°36'27.9", 634 m, 04.07.2013, Cs. Balogh (2♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Valea Sebiselu, N46°36'56.61", E22°29'16.68", 518 m, 04.07.2013, Cs. Balogh (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocerle, spring streams, N46°30.241', E23°15.550', 1552 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (7♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 20.06.2015, singled, M. Kiss, J. Oláh, L. Szél (6♂, 1♀, OPC). Apuseni Mts, Muntii Trascaului, Valea Borzesti stream, near Turda, 20.06.2013, singled J. Oláh, Cs. Balogh, S. Fekete (8♂, 3♀, OPC). Apuseni Mts, Vladeasa Mt, Stana de Vale, upper section of Ciripa stream, N46°40.546', E22°38.515', 1360 m, 06.06.2015, M. Kiss, J. Oláh, L. Szél (1♂, OPC). Romania, Rodna Mts, Numerous spring streamlets on the spring area of Cailor waterfall, Pietra Rea, N47°35'1.9", E24°47'49.4", 1564 m, 28.09.2014, J. Oláh, Cs. Balogh (4♂, OPC).

Rhyacophila torrentium Pictet, 1834 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♂, 1♀, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 21.08.2013, light, Cs. Balogh (8♂, OPC).

Rhyacophila tristis Pictet, 1834 – **Romania**, Apuseni Mts, Bihor Mts, Canton Padis, Valea Ursului, Izbuca Rece, Spring area N46°33'58.1", E22°43'31.08", 1090 m, 04.07.2013, Cs. Balogh (5♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros Saritoarea-Cascade Bohodeiului, N46°39'31.97", E22°38'26.25", 1123 m, 04.07.2013, Cs. Balogh (1♂, 1♀, OPC). Apuseni Mts, Vladeasa Mts, Jada stream, Cascada Valul Miresei, N46°42'42.2", E22°35'04.9", 900 m, 03.07.2013, Cs. Balogh (2♀, OPC). Apuseni Mts, Vladeasa Mts, Jada stream, Iedulului tributary, Saritoarea

Iedutului Waterfall, N46°42'42.2", E22°35'04.9", 950 m, 03.07.2013, Cs. Balogh (3♂, 4♀, OPC). Apuseni Mts, Bihor Mts, Baita, Baita Plai, tributary Crisul Baita, N46°28'52.10", E22°36'10.03", 507 m, 15.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N46°29'56.08", E22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Muntii Gilaului, Caps, stream Iara, N46°35.688', E23°15.067', 979 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Iertii, N46°33.001', E23°20.014', 1055 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Iertii, N46°34.532', E23°22.593', 890 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (2♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (3♂, 4♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 19-20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juász (1♂, 1♀, OPC). Retezat Mts, Nucsoara stream, Cascada Lolaia, 1080 m, N45°25'33.73", E22°53'53.94", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♀, OPC). Retezat Mts, Ursu stream, 1170 m, N45°15'56.86", E22°52'51.94", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (6♂, OPC).

GLOSSOSOMATIDAE Wallengren, 1891

Agapetus iridipennis McLachlan, 1879 – **Romania**, Retezat Mts, tributary of Cerna stream, 1208 m, N45°13'10.39", E22°50'24.17", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (9♂, 16♀, OPC).

Glossosoma conformis Neboiss, 1963 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Valea. Aleului, N46°38'24.3", E22°36'27.9", 634 m, 04.07.2013, Cs. Balogh (2♂, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (6♂, 11♀, OPC). Retezat Mts, Ursu stream, 1170 m, N45°15'56.86", E22°52'51.94", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (2♂, OPC).

Glossosoma intermedium (Klapálek, 1892) – **Romania**, Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N:46°29'56.08", E:22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Muntii Gilaului, Caps, stream Iara, N46°35.688', E23°15.067', 979 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC).

BRACHYCENTRIDAE ULMER, 1903

Micrasema minimum McLachlan, 1876 – **Romania**, Apuseni Mts, Vladeasa Mts, Jada stream, Iedutului tributary, Saritoarea Iedutului Waterfall, N46°42'42.2", E22°35'04.9", 950 m, 03.07.2013, Cs. Balogh (3♂, 2♀, OPC).

GOERIDAE Ulmer, 1903

Goera pilosa (Fabricius, 1775) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Saud, N46°36'56.61", E22°29'16.68", 255 m, 21.08.2013, light, Cs. Balogh (1♂, 1♀, OPC).

Lithax niger (Hagen 1859) – **Romania**, Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Muntele Mare (Öreghavas), Iara (Jára) spring area, N46°28.914', E23°13.294', 1750 m, 19.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (16♂, 12♀, OPC). Cindrel Mts, Paltinis, near Surdu, spring streams, N45°37.445', E23°54.062', 1872 m, 28.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Rodna Mts, 1800 m, 22.06.2013, Cs. Balogh (1♀, OPC).

Silo graellsii Pictet, 1865 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 21.08.2013, light, Cs. Balogh (1♂, 1♀, OPC). Apuseni Mts, Girda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (5♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Iertii, N46°34.532', E23°22.593', 890 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Retezat Mts, tributary of Cerna stream, 1208 m, N45°13'10.39", E22°50'24.17", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

APATANIIDAE Wallengren, 1886

Apatania carpathica Schmid, 1954 – **Romania**, Maramures Mts, Bistra stream, N47°52'56.5", E24°16'35.6", 594 m, 27.09.2014, J. Oláh, Cs. Balogh (1♂, OPC).

Apatania fimbriata (Pictet, 1834) – **Slovakia**, Rejdova (Sajóréde), Slana (Sajó) stream, lower reach, N48°48'15", E20°13'33", 910 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1♂, 1♀, OPC).

LIMNEPHILIDAE Kolenati, 1848

Drusinae Banks, 1916

Drusus brunneus Klapálek, 1898 – **Romania**, Apuseni Mts, Bihor Mts, above Galbena village, valley Cepelor, N46°27'44.01", E22°43'58.88", 1035 m, 13.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Lupinus stream, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (4♂, 2♀, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♀, OPC). Apuseni Mts, Vladeasa Mt. Stana de Vale, Galbenele stream, N46°40.809', E22°37.147', 1180 m, 07.06.2015, M. Kiss, J. Oláh, L. Szél (6♂, 1♀, OPC). Apuseni Mts, Vladeasa Mt. Stana de Vale, upper section of Ciripa stream, N46°40.546', E22°38.515', 1360 m, 06.06.2015, M. Kiss, J. Oláh, L. Szél (2♂, 2♀, OPC). Bucegi Mts, Cocora stream, N45.3402125°, E25.443147°, 1680 m, 16.07.2015, Z. Baczó, J. Kecskés (3♂, OPC). Bucegi Mts, Lalomita stream, N45.397739°, E25.446274°, 1638 m, 14.07.2015, Z. Baczó, J. Kecskés (5♂, 2♀, OPC). Bucegi Mts, Lalomita stream, N45.416957°, E25.416958°, 1837 m, 15.07.2015, Z. Baczó, J. Kecskés (8♂, 4♀, OPC). Bucegi Mts, Lalomita stream, N45.425296°, E25.444064°, 1917 m, 15.07.2015, Z. Baczó, J. Kecskés (27♂, 7♀, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°39.524', E23°55.019', 1138 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

Drusus buscatensis Botosaneanu, 1952 – **Romania**, Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Muntele Mare (Öreghavas), Iara (Jára) spring area, N46°28.914', E23°13.294', 1750 m, 19.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (2♂, OPC). Cindrel Mts, Paltinis, spring streams of stream Batrana Mica, N45°37.716', E23°55.248', 1583 m, 28.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, 2♀, OPC).

Drusus carpathicus Dziedzielewicz, 1911 – **Romania**, Rodnei Mts, near Prislop Pass, N47°36'27.61", E 24°52'00.32", 1407 m, Cs. Balogh (1♂, OPC).

Drusus discolor Rambur, 1842 – **Romania**, Bucegi Mts, Lalomita stream, N45.416957°, E25.416958°, 1837 m, 15.07.2015, Z. Baczó, J. Kecskés (4♂, 7♀, OPC). Bucegi Mts, Lalomita stream, N45.402125°, E25.443147°, 1680 m, 16.07.2015, Z. Baczó, J. Kecskés (3♂, 12♀, OPC).

Drusus romanicus Mugoci & Botosaneanu, 1953 – **Romania**, Retezat Mts, Bucura stream, 150 m below Bucura lake, 2015 m, N45°21'25.43", E22°52'31.09", 10.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (4♂, 1♀, OPC).

Ecclisopteryx dalecarlica Kolenati, 1848 – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♂, OPC). Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N46°29'56.08", E22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, 1♀, OPC). Bucegi Mts, Cocora stream, N45.3402125°, E25.443147°, 1680 m, 16.07.2015, Z. Baczó, J. Kecskés (1♂, 1♀, OPC). Bucegi Mts, Cocora stream, N45.394969°, E25.443993°, 1564 m, 15.07.2015, light trap, Z. Baczó, J. Kecskés (14♂, 182♀, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (28♂, 41♀, OPC). Retezat Mts, Chele Butii, 936 m, N45°18'07.30", E22°58'27.92", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (3♂, 2♀, OPC).

Ecclisopteryx madida (McLachlan, 1867) – **Romania**, Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 19-20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juász (1♂, OPC). Retezat Mts, Chele Butii, 910 m, N45°18'06.96", E22°58'31.48", 09.07.2013, light, E. Bajka, Cs. Balogh, G. Borics, P. Borics (2♂, 18♀, OPC). **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (1♂, 2♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovnik Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (6♀, OPC).

Limnephilini Kolenati, 1848

Limnephilus affinis Curtis, 1834 – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 27.05.2013, light, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (1♂, OPC).

Limnephilus auricula Curtis, 1834 – **Romania**, Cindrel Mts, Paltinis, stream Daneasa, N45°38.582', E23°55.577', 1378 m, 29.05.2013, light, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♀, OPC). **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (1♀, OPC).

Limnephilus bipunctatus Curtis, 1834 – **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (1♀, OPC).

Limnephilus decipiens Kolenati, 1848 – **Romania**, Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (2♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (1♂, OPC).

Limnephilus extricatus McLachlan, 1865 – **Romania**, Apuseni Mts, before Vartop, spring streams of Ariesul Mare, N46°30.951', E22°40.799', 1132 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC).

Limnephilus ignavus McLachlan, 1865 – **Romania**, Rodnei Mts, Complex Borsa, Viseau stream, 26.09.2014, light trap, J. Oláh, Cs. Balogh (1♂, OPC).

Limnephilus sparsus Curtis, 1834 – **Romania**, Apuseni Mts, Bihor Mts, Bubesti-Cobles, tributary P. Cobles, N46°29'56.08", E22°43'48.64", 902 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). **Slovakia**, Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1♀, OPC).

Chaetopterygini Hagen, 1858

Annitella kosciuszki Klapálek, 1907 – **Romania**, Rodnei Mts, Complex Borsa, small side spring stream of Fantana Stream, 29.09.2014, J. Oláh, Cs. Balogh (1♂, 1♀, OPC). Rodnei Mts, small spring streamlets on the Bistrita Aurie spring area, N47°34'23.8", E24°48'43.9", 1654 m, 28.09.2014, J. Oláh, Cs. Balogh (1♂, OPC).

Annitella lateroproducta (Botosaneanu, 1952) – **Romania**, Apuseni Mts, Ariesul Mare, spring stream, N46°31.045', E22°39.821', 1209 m, 01.11.2014, Cs. Balogh (2♂, OPC). Gurghiu Mts, near Bucin Pass, Tárnava Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1♂, OPC). Hargitha Mts, Filio stream, N46°27'03.90", E25°30'20.10", 940 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1♂, 1♀, OPC).

Annitella obscurata (McLachlan, 1856) – **Romania**, Hargitha Mts, Filio stream, N46°27'03.90", E25°30'20.10", 940 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1♀, OPC).

Chaetopterygopsis maclachlani Stein, 1874 – **Romania**, Gurghiu Mts, near Bucin Pass, Frasileasa stream with side springs, N46°38'37.45", E25°17'35.08", 1193 m, 29.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (14♂, 9♀, OPC). Gurghiu Mts, near Bucin Pass, Tárnava Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1♀, OPC). **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (3♂, 2♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 28.10.2013, singled, J. Oláh, T. Kovács (1♂, 1♀, OPC). Rejdova (Sajóréde), Mlyna stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1♂, OPC). Rejdova (Sajóréde), right tributary of Mlyna stream, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (8♂, 1♀, OPC).

Chaetopteryx biloba Botosaneanu, 1960 – **Romania**, Muntii Gilaului, Belis Fantanele, N46°40'03.06", E22°59'21.85", 1040 m, 16.10.2014, Cs. Balogh (1♂, OPC).

Chaetopteryx bosniaca Mariniković-Gospodnetić, 1955 – **Romania**, Alba county, between Șugag and Vîrtoape, left sidebrook of *Sebeș River*, 45°42'12.7", 23°35'20.7", 725 m, 09.11.2014, T. Kovács, G. Magos (5♂, 3♀, OPC). Apuseni Mts, Ariesul Mare, spring stream, N46°31.045', E22°39.821', 1209 m, 01.11.2014, Cs. Balogh (5♂,

1 ♀, OPC). Caliman Mts, Fantanele stream, N46°59'04.00", E25°05'52.56", 776 m, 01.11.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (10 ♂, 5 ♀, OPC). Gurghiu Mts, near Bucin Pass, Tárna Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (5 ♂, 3 ♀, OPC). Hargitha Mts, Filio stream, N46°27'03.90", E25°30'20.10", 940 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1 ♂, OPC). Muntii Gilaului, Belis Fantanele, N46°21'27.88", E23°02'15.56", 1080 m, 16.10.2014, Cs. Balogh (2 ♂, 3 ♀, OPC).

Chaetopteryx fusca Brauer, 1857 – **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (38 ♂, 35 ♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 28.10.2013, singled, J. Oláh, T. Kovács (15 ♂, 14 ♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (1 ♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 28.10.2013, singled, J. Oláh, T. Kovács (5 ♂, 4 ♀, OPC). Banskobystrický region, Poľana Mts, Hriňová, sidebrook of Slatina Stream, N48°37.210', E19°31.582', 514 m, 08.10.2013, singled, J. Oláh, L. Szél (3 ♂, OPC). Banskobystrický region, Poľana Mts, Hriňová, sidebrook of Slatina Stream, N48°37.210', E19°31.582', 514 m, 28.10.2013, singled, J. Oláh, T. Kovács (1 ♂, 1 ♀, OPC).

Chaetopteryx polonica Dziedzielewicz, 1889 – **Romania**, Caliman Mts, Fantanele stream, N46°59'04.00", E25°05'52.56", 776 m, 01.11.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (2 ♂, 3 ♀, OPC). Gurghiu Mts, near Bucin Pass, Frasilaesa stream with side springs, N46°38'37.45", E25°17'35.08", 1193 m, 29.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (3 ♂, 2 ♀, OPC). Gurghiu Mts, near Bucin Pass, Gainasa springs and stream, N46°40'11.35", E25°17'39.06", 1400 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (2 ♂, OPC). Gurghiu Mts, near Bucin Pass, Tárna Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (5 ♂, 1 ♀, OPC). Hargitha Mts, Filio stream side spring, N46°26'29.54", E25°34'48.09", 1625 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (2 ♂, OPC). Rodnei Mts, Complex Borsa, small side spring stream of Fantana Stream, 29.09.2014, J. Oláh, Cs. Balogh (1 ♂, OPC). **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (15 ♂, 9 ♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 28.10.2013, singled, J. Oláh, T. Kovács (1 ♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 28.10.2013, singled, J. Oláh, T. Kovács (1 ♂, 1 ♀, OPC). Banskobystrický region, Poľana Mts, Hriňová, Bystré, spring brook of Bystrý Stream, N48°37.569', E19°29.261', 1025 m, 08.10.2013, singled, J. Oláh, L. Szél (2 ♂, 4 ♀, OPC). Rejdova (Sajóréde), Mlynná stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♀, OPC). Rejdova (Sajóréde), right tributary of Mlynná stream, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (6 ♂, 1 ♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♀, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, below spring, N48°47'6", E20°12'18", 1120 m, 03.10.2013, singled, J. Oláh, J. Kecskés (3 ♂, 5 ♀, OPC).

Psilopteryx carpathica Schmid, 1952 – **Romania**, Rodnei Mts, Numerous spring streamlets on the spring area of Cailor waterfall, Piatra Rea, N47°35'1.9", E24°47'49.4", 1564 m, 28.09.2014, J. Oláh, Cs. Balogh (1 ♂, OPC). Rodnei Mts, small spring below Lake Isvoru Bistritei, N47°34'46.4", E24°48'49.34", 1586 m, 28.09.2014, J. Oláh, Cs. Balogh (1 ♂, 1 ♀, OPC).

Psylopteryx transylvanica Mey & Botosaneanu, 1985 – **Romania**, Gurghiu Mts, near Bucin Pass, Frasilaesa stream with side springs, N46°38'37.45", E25°17'35.08", 1193 m, 29.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (8 ♂, 3 ♀, OPC). Gurghiu Mts, near Bucin Pass, Gainasa springs and stream, N46°40'11.35", E25°17'39.06", 1400 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (66 ♂, 7 ♀, OPC). Gurghiu Mts, near Bucin Pass, Tárna Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (13 ♂, 9 ♀, OPC). Hargitha Mts, Filio stream side spring, N46°26'29.54", E25°34'48.09", 1625 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (29 ♂, 9 ♀, OPC). Hargitha Mts, Filio stream side spring, N46°26'45.18", E25°34'25.73", 1600 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (7 ♂, OPC). Hargitha Mts, Filio stream side spring, N46°27'03.90", E25°33'29.29", 1350 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (9 ♂, 5 ♀, OPC). Hargitha Mts, Filio stream side spring, N46°27'14.53", E25°33'53.04", 1415 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (12 ♂, 6 ♀, OPC).

Pseudopsilopteryx zimmeri (McLachlan, 1876) – **Slovakia**, Rejdova (Sajóréde), Mlynná stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♂, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh,

J. Kecskés (1 ♀, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, lower reach, N48°48'15", E20°13'33", 910 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♂, OPC).

Stenophylacini Schmid, 1955

Allogamus auricollis (Pictet, 1834) – **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, above Lubnya (Kiesvölgy), N49°02'13.90", E22°42'59.75", 579 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (1 ♂, OPC).

Allogamus uncatus (Brauer, 1857) – **Romania**, Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocerle, spring streams, N46°30.241', E23°15.550', 1552 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (1 ♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Muntele Mare (Öreghavas), Iara (Jára) spring area, N46°28.914', E23°13.294', 1750 m, 04.09.2015, singled, M. Kiss, J. Oláh, L. Szél (1 ♀, OPC). Dâmbovia county, Bucegi Mts, Hotel Peștera, left sidebrook of Ialomița, 45°24'08.8", 25°26'35.1", 1690 m, 06.11.2014, T. Kovács, G. Magos (2 ♂, 2 ♀, OPC). Dâmbovia county, Bucegi Mts, Hotel Peștera, spring area beside the V. Șugărilor, 45°24'25.0", 25°26'47.8", 1760 m, 06.11.2014, T. Kovács, G. Magos (1 ♂, OPC). Dâmbovia county, Bucegi Mts, Hotel Peștera, V. Șugărilor, 45°24'42.1", 25°27'23.5", 1850 m, 06.11.2014, T. Kovács, G. Magos (1 ♂, 2 ♀, OPC). Dâmbovia county, Bucegi Mts, M. Dichiu, left sidebrook of V. Oboarele, 45°19'32.8", 25°26'05.0", 1420 m, 06.11.2014, T. Kovács, G. Magos (1 ♂, 1 ♀, OPC). Gurghiu Mts, near Bucin Pass, Târnava Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1 ♂, OPC). Maramures Mts, Bistra stream, N47°52'56.5", E24°16'35.6", 594 m, 27.09.2014, J. Oláh, Cs. Balogh (1 ♂, OPC). Rodnei Mts, Numerous spring streamlets on the spring area of Cailor waterfall, Piatra Rea, N47°35'1.9", E24°47'49.4", 1564 m, 28.09.2014, J. Oláh, Cs. Balogh (6 ♂, 1 ♀, OPC). Rodnei Mts, small spring streamlets on the Bistrita Aurie spring area, N47°34'23.8", E24°48'43.9", 1654 m, 28.09.2014, J. Oláh, Cs. Balogh (1 copula, 3 ♀, OPC). Vâlcea county, Parâng Mts, Obrășia Lotrulului, open brook, 200 m of Transalpina (67C) road, 45°22'46.1", 23°38'30.6", 1765 m, 09.11.2014, T. Kovács, G. Magos (1 ♀, OPC). Vâlcea county, Parâng Mts, Obrășia Lotrulului, open brook, 900 m of Transalpina (67C) road, 45°23'9.9", 23°39'24.9", 1780 m, 09.11.2014, T. Kovács, G. Magos (1 ♂, 4 ♀, OPC). **Slovakia**, Banskobystrický region, Poľana Mts, Hriňová, Bystré, spring brook of Bystrý Stream, N48°37.569', E19°29.261', 1025 m, 08.10.2013, singled, J. Oláh, L. Szél (2 ♂, OPC). Rejdova (Sajóréde), Mlyna stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (2 ♀, OPC). Rejdova (Sajóréde), right tributary of Mlyna stream, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (5 ♂, 4 ♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♂, 4 ♀, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, below spring, N48°47'6", E20°12'18", 1120 m, 03.10.2013, singled, J. Oláh, J. Kecskés (2 ♂, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, lower reach, N48°48'15", E20°13'33", 910 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♂, OPC).

Halesus digitatus (Schränk, 1781) – **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (1 ♂, OPC). Banskobystrický region, Poľana Mts, Hriňová, sidebrook of Slatina Stream, N48°37.210', E19°31.582', 514 m, 28.10.2013, singled, J. Oláh, L. Szél (1 ♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♂, OPC).

Isogamus aequalis (Klapálek, 1907) – **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, below Lubnya (Kiesvölgy), N49°00'54.81", E22°43'23.82", 478 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (1 ♀, OPC).

Isogamus czarnohorensis (Dziedzielewicz, 1912) – **Romania**, Maramures Mts, Bistra stream valley, small spring with sphagnum bog, N47°53'1.3", E24°16'47.7", 609 m, 27.09.2014, J. Oláh, Cs. Balogh (1 ♂, OPC).

Melampophylax gaticus Botosaneanu, 1995 – **Romania**, Rodnei Mts, small tributary just below Iza Spring, Albastru al Izei, 1020 m, 27.09.2014, J. Oláh, Cs. Balogh (1 ♂, OPC).

Melampophylax nepos (McLachlan, 1880) – **Slovakia**, Banskobystrický region, Poľana Mts, Hriňová, Bystré, spring brook of Bystrý Stream, N48°37.569', E19°29.261', 1025 m, 08.10.2013, singled, J. Oláh, L. Szél (8 ♂, 4 ♀, OPC). Rejdova (Sajóréde), Mlyna stream, below spring, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (8 ♂, 31 ♀, OPC). Rejdova (Sajóréde), right tributary of Mlyna stream, at bridge, N48°46'16", E20°13'31", 1250 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1 ♂, 5 ♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (2 ♂, 1 ♀, OPC). Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (2 ♀, OPC). Rejdova (Sajóréde), Slana (Sajó) stream, below spring, N48°47'6", E20°12'18", 1120 m, 03.10.2013, singled, J. Oláh, J. Kecskés (2 ♂, 2 ♀, OPC).

Melampophylax triangulifera Botosaneanu, 1957 – **Romania**, Caliman Mts, Fantanele stream, N46°59'04.00", E25°05'52.56", 776 m, 01.11.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (3♀, OPC). Gurghiu Mts, near Bucin Pass, Gainasa springs and stream, N46°40'11.35", E25°17'39.06", 1400 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1♂, 1♀, OPC). Gurghiu Mts, near Bucin Pass, Tárnava Mica springs and stream, N46°39'16.63", E25°16'42.46", 1290 m, 30.10.2014, Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (49♂, 6♀, OPC). Harghita Mts, Filio stream side spring, N46°27'03.90", E25°33'29.29", 1350 m, 31.10.2014 Z. Baczó, Cs. Balogh, J. Kecskés, J. Oláh (1♂, 3♀, OPC).

Parachiona picicornis (Pictet 1834) – **Romania**, Apuseni Mts, Muntii Gilaului, Caps, stream Iara, N46°35.688', E23°15.067', 979 m, 27.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (8♂, 2♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 19-20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (16♂, 6♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, spring stream of Vadului, N46°31.954', E23°16.852', 1552 m, 26.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (8♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, three-branched stream, N46°30.701', E23°16.279', 1620 m, 19.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (11♂, 1♀, OPC). Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Cindrel Mts, Paltinis, spring streams of stream Batrana Mica, N45°37.716', E23°55.248', 1583 m, 28.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°39.524', E23°55.019', 1138 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (3♂, 1♀, OPC). Retezat Mts, Bucura stream, 150 m below Bucura lake, 2015 m, N45°21'25.43", E22°52'31.09", 11.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (18♂, 2♀, OPC).

Potamophylax cingulatus (Stephens, 1837) – **Slovakia**, Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Stara Rieka Stream, N48°25.248', E19°17.822', 764 m, 7-9.10.2013, singled, J. Oláh, L. Szél (2♀, OPC). Banskobystrický region, Javorie Mts, Stará Huta, Blýskavica, Tisovník Stream, N48°27.553', E19°18.048', 671 m, 7-9.10.2013, singled, J. Oláh, L. Szél (3♀, OPC). Banskobystrický region, Pofana Mts, Hriňová, Bystré, spring brook of Bystrý Stream, N48°37.569', E19°29.261', 1025 m, 08.10.2013, singled, J. Oláh, L. Szél (1♀, OPC). **Ukraine**, Bieszczady Mts (Besszádok), Ung National Park, above Lubnya (Kiesvölgy), N49°02'13.90", E22°42'59.75", 579 m, 20.09.2013, singled, J. Oláh, Cs. Balogh, Cs. Deák, I. Meszesán (1♀, OPC).

Potamophylax latipennis (Curtis, 1834) – **Romania**, Muntii Codru-Moma, Moneasa, stream Moneasa, 31.08.2012, light, Cs. Deák (4♂, 5♀, OPC). Rodnei Mts, Complex Borsa, Viseau stream, 26.09.2014, light trap, J. Oláh, Cs. Balogh (1♂, OPC).

Potamophylax luctuosus (Piller & Mitterpachfer, 1783) – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (5♂, 2♀, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°39.524', E23°55.019', 1138 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC). Retezat Mts, Chele Butii, 936 m, N45°18'07.30", E22°58'27.92", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♀, OPC).

Potamophylax nigricornis (Pictet, 1834) – **Romania**, Apuseni Mts, Girda de Sus, tributary of Ariesul Mare, N46°270.493', E22°47.895', 788 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (1♀, OPC). Bucegi Mts, Lalomita stream, N45.425296°, E25.444064°, 1917 m, 15.07.2015, Z. Baczó, J. Kecskés (2♂, 1♀, OPC).

Rhadicoleptus meridiocarpaticus (Kolenati, 1848) – **Romania**, Apuseni Mts, Vartop, spring streams, N46°31.045', E22°39.821', 1209 m, 29.05.2013, singled, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♀, OPC). Apuseni Mts, Vartop, spring stream (Flescula), N46°31'07.23", E22°39'41.69", 1209 m, 14.05.2014, Cs. Balogh, B. V. Béres (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, La Mocirle, spring streams, N46°30.241', E23°15.550', 1552 m, 19-20.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (3♂, 1♀, OPC).

Stenophylax meridiorientalis Malicky, 1982 – **Romania**, Cindrel Mts, Paltinis, stream Daneasa, N45°38.582', E23°55.577', 1378 m, 29.05.2013, light, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (4♂, OPC).

Stenophylax nycterobius (McLachlan, 1875) – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, 1♀, OPC).

Stenophylax permistus McLachlan, 1895 – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (3♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Iertii, N46°33.001', E23°20.014', 1055 m, 27.05.2013, light, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (8♂, 6♀, OPC). Cindrel Mts, Paltinis, stream Daneasa, N45°38.582', E23°55.577', 1378 m, 29.05.2013, light, J. Oláh, E. Bajka, Cs. Balogh, G. Borics (1♂, OPC).

Stenophylax sequax (McLachlan, 1875) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (1♀, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, 2♀, OPC). **Slovakia**, Rejdova (Sajóréde), right tributary of Slana (Sajó) stream, lower reach, N48°48'53", E20°15'51", 680 m, 03.10.2013, singled, J. Oláh, J. Kecskés (1♀, OPC).

Stenophylax testaceus (Gmelin, 1875) – **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Muntele Mare (Öreghavas), Cretoaia spring area (Posaga tributary), N46°28.862', E23°13.921', 1750 m, 19.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (1♀, OPC).

BERAEIDAE Wallengren, 1891

Beraea pullata (Curtis, 1834) – **Romania**, Apuseni Mts, Bihor Mts, Canton Padis, Valea Glavoi, Spring area, N46°34'57.33", E22°42'00.15", 1108 m, 04.07.2013, Cs. Balogh (1♂, 1♀, OPC). Apuseni Mts, Vladeasa Mts, Jada stream, Iedulului tributary, Saritoarea Iedulului Waterfall, N46°42'42.2", E22°35'04.9", 950 m, 03.07.2013, Cs. Balogh (2♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, Valea Tisei, 19.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (2♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Statiunea Muntele Baisorii, Muntele Mare (Öreghavas), Iara (Jára) spring area, N46°28.914', E23°13.294', 1750 m, 19.06.2015, singled, J. Oláh, Cs. Balogh, P. Juhász (1♂, OPC). Apuseni Mts, Vartop, spring, N46°31.045', E22°39.821', 1209 m, 20.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (4♀, OPC). **Romania**, Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, singled, J. Oláh, Cs. Balogh, S. Fekete (2♂, OPC).

Ernodes articularis (Pictet, 1834) – **Romania**, Retezat Mts, tributary of Cerna stream, 1208 m, N45°13'10.39", E22°50'24.17", 12.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

SERICOSTOMATIDAE Stephens, 1836

Oecismus monedula (Hagen, 1859) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros, Valea. Sebiselu, N46°36'56.61", E22°29'16.68", 518 m, 04.07.2013, Cs. Balogh (1♂, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (1♂, OPC). Retezat Mts, Chele Butii, 936 m, N45°18'07.30", E22°58'27.92", 09.07.2013, E. Bajka, Cs. Balogh, G. Borics, P. Borics (1♂, OPC).

Sericostoma schneideri (Kolenati, 1848) – **Romania**, Apuseni Mts, Bihor Mts, Crisul Pietros – Valea Bulz, Pietra Bulzului, N46°36'08.12", E22°38'33.44", 560 m, 03.07.2013, light, Cs. Balogh (2♂, 6♀, OPC). Apuseni Mts, Bihor Mts, Crisul Pietros, Boga, Valea Bulz and Valea Galbena, N46°35'23.25", E22°37'54.74", 450 m, 04.07.2013, light, Cs. Balogh (14♂, 1♀, OPC). Apuseni Mts, Muntii Gilaului, Muntele Baisorii, stream Valea Gera, N46°33.001', E23°20.014', 1055 m, 18.06.2013, light, J. Oláh, Cs. Balogh, S. Fekete (7♂, OPC).

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