

BRAUERIA (Lunz am See, Austria) 30:7-14(2003) 2003), 196 in Latvia (KALNIŅŠ), and 105 species in Belarus (CZACHOROWSKI 1997) are known.

Checklist of Lithuanian caddisflies (Insecta, Trichoptera)

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Abstract

Data on a short historical review of investigations of caddisflies in Lithuania are presented. The checklist of caddisflies of Lithuania is based on literature data and investigations of adults and larvae in 1987-2002. 169 species were recorded. Information on the stadia, locality (district), of every caddisfly species is provided.

Introduction

The first record of Lithuanian Trichoptera appeared in 1830, by EICHWALD. In his work *Zoologia specialis* he lists several caddisflies species (*Ph. grandis*, *Ph. striata*, *L. rhombicus*, *L. flavicornis*, *L. griseus*, *S. interrupta*) with addition "hab. in Lithuania" (EICHWALD 1830). Intensive investigations began in the 20th century. 45 species collected by W. Horn in Gavaitis Lake (Ignalina district) were listed (ULMER et al. 1917). M. Racięcka investigated Lithuanian Trichoptera in 1923-1930 and 1936 (RACIĘCKA 1931, 1937). The most information was from Vilnius, Trakai and Šalčininkai districts. R. Kazlauskas in 1954-1958 investigated macrozoobenthos in more than 50 rivers. Adult caddisflies were also investigated. His work listed 89 species of caddisflies (KAZLAUSKAS 1960). 10 species were known from the Curonian Bay (JANKEVIČIUS et al. 1959). Later he recorded 92 species (Kazlauskas, 1963). 1967-1968 Z. SPURIS carried out faunistic research of caddisflies in the southern part of Lithuania, around Alytus district, 88 species were recorded (SPURIS 1969). Investigations of caddisflies were also carried out in researches on the macrozoobenthos. The river Nemunas was investigated from 1956 (GASIŪNAS 1976). 25 species of caddisflies were recorded. The zoobenthos was investigated in 26 rivers in 1994-1997, listing 25 species of caddisflies (PLIŪRAITĖ 1999). In 1996-1999 the Šventoji river and its tributaries were investigated in Anykščiai district, 64 species were recorded as larvae and imagines (CIBAITĖ 2000).

Z. SPURIS published the "Synopsis of the fauna of the Trichoptera of the USSR" where the total number of Trichoptera species registered in the USSR was approximately 730, in the Baltic states – 202 species, in Latvia – 188, Estonia – 152, and Lithuania – 149 (Spuris 1989). An exact list of Lithuanian caddisflies species was not presented. In our neighboring countries in recent data lists 288 species of caddisflies in Poland (CZACHOROWSKI

Material and Methods

Literature data on Lithuanian caddisflies were studied. Material for the study was collected in 1987-2002, by the author, by P. Ivinskis, J. Rimšaitė, V. Uselis, G. Švitra, D. Dapkus, M. Margienė, H. Ostrauskas, K. Arbačiauskas, S. Gumuliauskaitė, and others. Larvae and imagines were investigated in 29 districts of Lithuania (Fig. 1). Larvae were investigated in lakes, rivers and streams, from different bottoms, using dip nets. For imagines sampling was done with sweep nets, light traps and Jalas model automatic light traps. Larvae were identified in accordance with LEPNEVA (1964), KUTIKOVA et al. (1977), the imagines with MCLACHLAN (1874) and KACHALOVA et al. (1987). Some species were described or checked by Prof. S. Czachorowski and Prof. H. Malicky.

Information on investigated stadia and localities of every caddis species is provided in the table.

Data on Localities

Akmenė District (Ak) Kamanos Reserve, Rusteikiai (56°18'N 22°38'E) Karalinės forest (56°17'N 22°36'E);
 Alytus District (Al) Žuventas Reserve (54°27'N 23°37'E);
 Anykščiai District (An) Anykščiai (56°31'N 25°05'E), Šventoji river (in 8 places), 14 tributaries of Šventoji, Kavarskas pond (55°26'N 24°56'E), Juodakalnis forest (55°39'42,9"N 25°24'44,6"E);
 Ignalina District (Ig) Žeimenis lake (55°17'N 26°04'E), Meironys (55°20'N 26°04'E), Ladakalnis (55°22'N 25°59'E), Tverečius settlement (55°18'N 26°36'E);
 Jurbarkas District (Jr) Kalviai (54°42'N 24°17'E), Smaladaržis (55°07'N 22°25'E);
 Kėdainiai District (Kd) Graisupis stream (55°16'N 23°57'E), Apytalaukis forest (55°21'N 24°05'E), Zembiškis forest (55°25'N 23°34'E);
 Klaipėda District (Kl) Tyrai bog (55°34'N 21°13'E);
 Kretinga District (Kr) Kašaičiai (55°59'N 21°18'E), Kalno Grikštai (55°51'N 21°23'E), Palanga airport (55°58'N 21°0,5'E), Šventoji settlement (56°01'N 21°04'E);
 Curonian Spit Juodkrantė (55°33'N 21°07'E), Nida (55°20'N 21°02'E);
 Lazdijai District (L) Veisiejai regional park, Paterai village (54°05'N 23°44'E), Meteliai regional park, Statiškė village (54°16'N 23°47'E), Širvintas forest (54°16'N 23°45'E), Morkavas lake (54°09'N 23°43'E), Aviris lake (54°04'N 23°55'E);
 Marijampolė District (M) Želsva (54°26'N 23°28'E), Juodeliai (54°22'N 23°6'E), Bukta forest (54°26'N 23°23'E);
 Molėtai District (Ml) Šakimas forest (55°02'N 26°27'E), Ilgis lake (55°04'N 25°29'E), Žvernas lake (55°03'N 25°30'E), Asveja lake (55°03'N 25°26'E);
 Panevėžys District (Pn) Klimbalė (55°42'N 24°25'E);
 Pakruojis District (Pk) Laumenis forest (56°14'N 24°11'E);

Plungė District (Pl) Juodupis (56°00'N 21°52'E), Plokštinė natural reserve (Plokščiai) (56°00'N 21°53'E), Burgis lake (56°01'N 21°55'E), Beržoras lake (56°01'N 21°49'E), Žiedelis lake (56°00'N 21°49'E), Ilgis lake (56°00'N 21°49'E);

Prienai District (Pr) Stanuliškės (54°32'N 24°23'E);

Šalčininkai District (Šlč) Daulėnai (54°14'N 25°43'E);

Šiauliai District (Š) Minkštakiai (56°01'N 23°04'E), Talša lake (55°56'N 23°20'E), Vilkuriai (55°51'N 23°13'E), Agailė forest (56°06'N 22°58'E), Pašvinys lake (55°49'N 23°00'E);

Šilutė District (Šlt) Žalgiriai forest (55°17'N 21°27'E);

Širvintos District (Šr) Kernavė (54°54'N 24°45'E), Porų lake (54°58'N 24°58'E);

Švenčionys District (Šv) Antaviešė (55°09'N 25°51'E), Pakretuonė (55°16'N 26°05'E), Pažeimėnė (55°01'N 25°51'E), Petrikai (55°15'N 26°40'E), Sėtikė (55°09'N 26°15'E), Pašliaužiukas lake (55°02'N 25°40'E), Antanai (55°14'N 26°41'E), Pabradė (55°03'N 25°50'E), Purvinas lake (55°01'N 25°37'E);

Tauragė District (Trg) Viešvilė Reserve, Artoji (55°10'N 22°26'E), Eičiai (55°09'N 22°28'E);

Trakai District (Tr) Varliškės (54°46'N 24°52'E), Varnikai (54°39'N 24°57'E), Strėva (54°35'N 24°42'E), Alešiškės (54°31'N 24°27'E), Skrebys lake (54°35'N 24°32'E), Margis pit (54°35'N 24°45'E), Čičiūnai (54°36'N 24°34'E), Dapai lake (54°37'N 24°39'E);

Ukmergė District (Ukm) Vidiškiai (55°18'N 24°51'E), Zujai (55°17'N 24°50'E), Kertuša (55°08'N 24°55'E), Viliukai forest (55°13'N 24°31'E), DuCstyna (55°16'N 24°51'E), Pašilė (55°11'N 24°47'E), Želva (55°13'N 25°05'E), Kazliškių forest (55°15'N 25°05'E), Petrašiūnai forest (55°12'N 24°55'E);

Utena District (Ut) Tauragnas lake (55°27'N 25°52'E), Rūgštelėškis (55°27'N 26°00'E), Versminis (55°26'N 26°02'E), Ažuolija (55°28'N 25°33'E), Pelakis lake (55°26'N 25°37'E);

Varėna District (Vr) Kapiniškiai (54°01'N 24°17'E), Pamerkiai (54°18'N 24°42'E), Čepkeliai Reserve, Katra (53°59'N 24°24'E), Merkinė (54°09'N 24°11'E), Gilšė lake (54°12'N 24°11'E);

Vilkaviškis District (Vlk) Simaneliškiai (54°40'N 22°58'E), Būdas lake (54°26'N 22°48'E);

Vilnius District (V) Verkiai (54°45'N 25°17'E), Joninės (54°52'N 25°42'E), Sužionys (54°59'N 25°30'E), Pavilnys (54°40'N 25°20'E), Antaviliai (54°47'N 25°24'E), Belmontas park (54°40'N 25°20'E), Gėla lake (54°50'N 25°30'E);

Zarasai District (Z) Salinis lake (55°46'N 25°54'E), Ylišė (55°37'N 26°28'E), Kalbutiškės (55°47'N 25°45'E), Minkūnai peat-bog (55°47'N 25°43'E), Zalvė lake (55°49'N 25°52'E), Pasartė (55°47'N 25°50'E), Jaskoniškiai forest (55°46'N 25°50'E), Dusetos giria (55°44'N 25°50'E), Antazavė (55°48'N 25°55'E), Sartai lake (55°45'N 25°50'E), Juodkūniškis lake (55°43'N 25°58'E);

Results

Including literature data and investigations in 1987-2002, 169 species were presented, 19 species were found after 1987, and are new for Lithuanian fauna. 20 species are known from literature data but not found after 1987. Three species, *Philopotamus montanus* DON., *Sembris phalaenoides* L. and *Apatania zonella* ZETT. were included in the Red Data Book of Lithuania (1992). Information on the investigated instar and district of the caddis species is provided (1 table).

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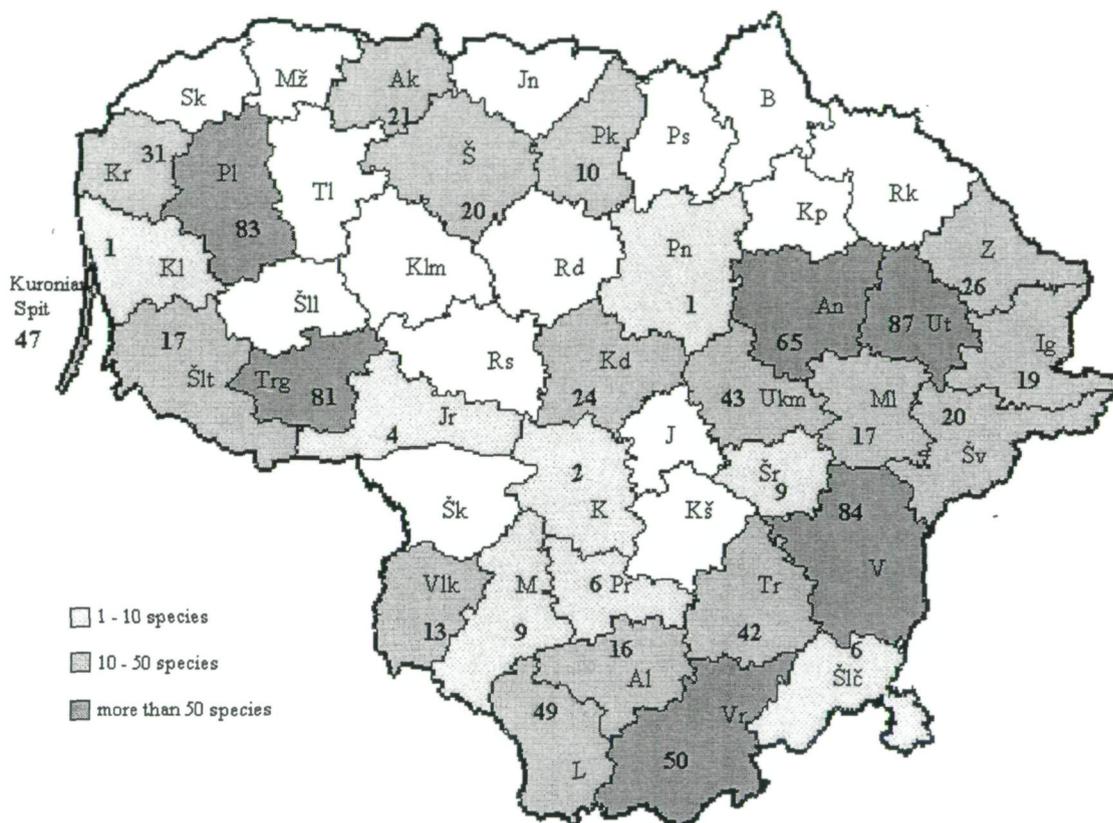


Figure 1: Caddisflies investigated in the districts of Lithuania in 1987 - 2002

Table: Caddisflies (Trichoptera) species recorded in Lithuania:

Species	Larva	Imago	Districts
RHYACOPHILIDAE			
<i>Rhyacophila nubila</i> Zetterstedt, 1840	+	+	Al, An, Ig, K, Kr, Tr, Trg, Pl, Šv, Ukm, V, Vr
<i>Rhyacophila fasciata</i> Hagen, 1859	+	+	Al, K, Pl, Tr, Ut, V, Ukm
<i>Rhyacophila pascoei</i> Mac Lachlan, 1879		+	Al, V
<i>Rhyacophila obliterated</i> Mac Lachlan, 1863	+		An
GLOSSOSOMATIDAE			
<i>Agapetus ochripes</i> Curtis, 1834		+	K, CS, Pl, Šv, Ut, V
<i>Glossosoma boltoni</i> Curtis, 1834	+	+	Pl, V, Vr
HYDROPTILIDAE			
<i>Agraylea multipunctata</i> Curtis, 1834		+	Al, Ig, CS, Pl, Tr, Ut, V
<i>Agraylea sexmaculata</i> Curtis, 1834		+	Ig, CS, Pl, Ut, Šlč, Šv, Tr, Trg, V, Vr
<i>Allotrichia pallicornis</i> Eaton, 1873		+	V
<i>Allotrichia vilnensis</i> Racięcka, 1937		+	Šlč, V
<i>Hydroptila angulata</i> Mosely, 1922		+	CS
<i>Hydroptila forcipata</i> Eaton, 1873	+	+	V
<i>Hydroptila lotensis</i> Mosely, 1930		+	V
<i>Hydroptila occulta</i> Eaton, 1873		+	Pl
<i>Hydroptila pulchricornis</i> Pictet, 1834		+	Al, Ig, Tr, V
<i>Hydroptila simulans</i> Mosely, 1920		+	Al, CS, Pl, Šlč, Ut, V
<i>Hydroptila sparsa</i> Curtis, 1834		+	Al, CS, Ps, Šv, V
<i>Hydroptila tineoides</i> Dalman, 1819		+	Al, Ut, Tr
<i>Ithytrichia lamellaris</i> Eaton, 1873	+	+	Al, An, CS, Pl, Šv, Trg, Ut, V
<i>Orthotrichia angustella</i> Mac Lachlan, 1865		+	Ut
<i>Orthotrichia costalis</i> Curtis, 1834	+	+	Al, An, Ig, Ml, Šv, Tr, V, Z
<i>Oxyethira flavicornis</i> Pictet, 1834		+	Al, CS, L, Pl, Ps, Tr, Trg, Ut, V, Vr
<i>Oxyethira tristella</i> Klapalek, 1895		+	Šv
<i>Stactobiella ulmeri</i> Siltala, 1908		+	V
PHILOPOTAMIDAE			
<i>Chimarra marginata</i> Linnaeus, 1767	+	+	An
<i>Philopotamus montanus</i> Donovan, 1813	+	+	K
<i>Wormaldia occipitalis</i> Pictet, 1834		+	Al
<i>Wormaldia subnigra</i> Mac Lachlan, 1865	+	+	An, Ak, Klm, Pl, Tr, Ukm
ECNOMIDAE			
<i>Ecnomus tenellus</i> Rambur, 1842	+	+	Al, An, Kr, CS, L, Ml, Pl, Šlt, Tr, Trg, Ut, V, Vr
PSYCHOMYIDAE			
<i>Lype phaeopa</i> Stephens, 1836	+	+	Al, An, Ig, Šlč, Šv, Tr, Ut, Vlk, Vr
<i>Lype reducta</i> Hagen, 1868		+	Al, K, Tr, Šlč, Šv
<i>Psychomyia pusilla</i> Fabricius, 1781	+	+	Al, An, K, Klm, Kr, CS, Pl, Pr, Šll, Šv, Šr, Tr, Trg, V, Vr
<i>Tinodes waeneri</i> Linnaeus, 1758		+	Ig, L, Pl, Ps, Šv, Tr, Trg, Ukm, Ut, V
POLYCENTROPODIDAE			
<i>Cyrnus crenaticornis</i> Kolenati, 1859		+	Al, Ig, Pl, Šv, Tr, Trg, Ut, V, Vr, Z
<i>Cyrnus flavidus</i> Mac Lachlan, 1864		+	Al, Kd, Kr, CS, L, Pl, Š, Šlt, Tr, Ut, V, Vr
<i>Cyrnus insolutus</i> Mac Lachlan, 1874		+	Ut
<i>Cyrnus trimaculatus</i> Curtis, 1834		+	Al, Ig, Pl, Šk, Šv, Tr, Ut, V

<i>Holocentropus dubius</i> Rambur, 1842		+	Al, CS, Pl, Tr, Trg, Ut, Vr, Z
<i>Holocentropus insignis</i> Martynov, 1924		+	V
<i>Holocentropus picicornis</i> Stephens, 1836		+	Al, Ig, L, Tr, Trg, Vr
<i>Holocentropus stagnalis</i> Albarda, 1874		+	An, V
<i>Neureclipsis bimaculata</i> Linnaeus, 1758	+	+	Al, An, Ig, CS, Šv, Tr, Trg, V, Z
<i>Plectronemia conspersa</i> Curtis, 1834	+	+	Al, An, K, Kr, CS, L, M, Pl, Tr, Trg, Ukm, Ut, V
<i>Polycentropus flavomaculatus</i> Pictet, 1834	+	+	Al, An, Ig, K, Kl, Kr, L, Pl, Ps, Š, Šv, Tr, Trg, Ut, V, Vr, Z
<i>Polycentropus irroratus</i> Curtis, 1835		+	Al, An, Šr, Šv, Trg, Pl
HYDROPSYCHIDAE			
<i>Cheumatopsyche lepida</i> Pictet, 1834	+	+	Al, An, Trg, V, Vr
<i>Hydropsyche angustipennis</i> Curtis, 1834	+	+	Al, An, Ig, Kd, L, M, Pl, Šlt, Šr, Šv, Tr, Ut, V
<i>Hydropsyche bulgaromanorum</i> Malicky, 1977		+	CS, Trg, Tr
<i>Hydropsyche contubernalis</i> McLachlan, 1865		+	Jr, CS, L, Trg, Ut, V, V
<i>Hydropsyche contubernalis masovica</i> Malicky, 1977		+	CS
<i>Hydropsyche instabilis</i> Curtis, 1834		+	K
<i>Hydropsyche ornatula</i> Mac Lachlan, 1878	+	+	Al, An, M, Pr, Tr, Trg, V, Vr, Ukm
<i>Hydropsyche pellucidula</i> Curtis, 1834	+	+	Al, Ak, An, Ig, K, Kr, Pl, Tr, Trg, Šlč, Šv, Ukm, Ut, V, Vr
<i>Hydropsyche siltalai</i> Döhler, 1963		+	V
PHRYGANEIDAE			
<i>Agrypnia obsoleta</i> Hagen, 1864		+	Al, An, Ig, L, Ml, Pl, Šv, Tr, V, Vr
<i>Agrypnia pagetana</i> Curtis, 1835		+	Al, Ak, An, Ig, Kr, CS, L, Pl, Š, Šv, Trg, Tr, Ukm, Ut, V, Vr
<i>Agrypnia picta</i> Kolenati, 1848		+	Ut, V
<i>Agrypnia varia</i> Fabricius, 1793		+	Al, Ig, Kr, CS, L, Pl, Pr, Ps, Š, Šlč, Šv, Trg, Tr, Ukm, Ut, V, Vr, Z
<i>Hagenella clathrata</i> Kolenati, 1848		+	An, Ig, Kd, Trg,
<i>Oligostomis reticulata</i> Linnaeus, 1761	+	+	An, Kd, Šv, Trg
<i>Oligotricha striata</i> Linnaeus, 1758		+	Ak, K, L, Pl, Tr, Trg, Ukm, V, Vr, Z
<i>Phryganea bipunctata</i> Retzius, 1783	+	+	Al, An, Ig, Kr, L, Ml, Pl, Pr, Trg, Tr, Ukm, V, Vr, Z
<i>Phryganea grandis</i> Linnaeus, 1758	+	+	Ak, Al, An, Ig, Kr, CS, L, M, Ml, Pl, Šlč, Šlt, Trg, Tr, Ukm, Ut, V, Vr, Z
<i>Semblis phalaenoides</i> Linnaeus, 1758		+	Šv, Vr, Ukm
<i>Trichostegia minor</i> Curtis, 1834		+	Al, Ak, Ig, Kr, CS, Pl, Šlč, Šlt, Tr, Trg, Ukm, V, Vr
ODONTOCERIDAE			
<i>Odontocerum albicorne</i> Scopoli, 1763	+	+	An, Tr, Šll, Šv
MOLANNIDAE			
<i>Molana angustata</i> Curtis, 1834	+	+	Al, An, Ig, Kr, CS, L, Pl, Šr, Šv, Trg, Tr, Ukm, Ut, V, Vr
<i>Molannodes tincta</i> Zetterstedt, 1840	+	+	An, Pl, Šv, Tr, Ut
BERAEIDAE			
<i>Beraea pullata</i> Curtis, 1834		+	Trg, Vr
<i>Beraeodes minutus</i> Linnaeus, 1761	+	+	Al, Ig, Kd, Šv
SERICOSTOMATIDAE			
<i>Notidobia ciliaris</i> Linnaeus, 1761	+	+	An, Ig, Kd, Ml, Pl, Šv, V

<i>Sericostoma personatum</i> Kirby&Spence, 1826	+	+	K, Kd, Pl, Švč, Ukm, Ut, V
LEPTOCERIDAE			
<i>Athripsodes albifrons</i> Linnaeus, 1758	+	+	Al, An, Jr, Šv, Tr, V
<i>Athripsodes aterrimus</i> Stephens, 1836	+	+	Al, An, Ig, Kd, CS, Ml, Šlč, Tr, Ut, V
<i>Athripsodes bilineatus</i> Linnaeus, 1758	+		An
<i>Athripsodes cinereus</i> Curtis, 1834		+	Al, An, Kr, Pl, Pr, Ps, Trg, Tr, Šlč, Šv, Ukm, Ut, V, Vlk
<i>Athripsodes commutatus</i> Rostock, 1874	+	+	An, Pl, Pr, Šlč, Trg, Ut, V
<i>Ceraclea alboguttata</i> Hagen, 1860		+	Ut, V
<i>Ceraclea annulicornis</i> Stephens, 1836		+	Al, Trg, V
<i>Ceraclea aurea</i> Pictet, 1834		+	Al, V
<i>Ceraclea dissimilis</i> Stephens, 1836		+	Al, Ak, Ig, Jr, Kr, CS, L, Pl, Pr, Ps, Š, Šr, Trg, V, Vlk, Vr
<i>Ceraclea fulva</i> Rambur, 1842		+	Al, Ig, CS, L, Ut
<i>Ceraclea nigronervosa</i> Retzius, 1783		+	Al, An, L, Šv, V
<i>Ceraclea riparia</i> Albarda, 1874		+	Al, Pr, Vr
<i>Ceraclea senilis</i> Burmeister, 1839		+	Al, Tr
<i>Erotasis baltica</i> Mac Lachlan, 1877		+	Al, Ut
<i>Leptocerus interruptus</i> Fabricius, 1775		+	Al, An, M, Šlč, Šv, Trg, Ut, V
<i>Leptocerus tineiformis</i> Curtis, 1834	+	+	Al, Ak, CS, L, Šv, Tr, Ut, V, Vr
<i>Mystacides azurea</i> Linnaeus, 1761	+	+	Al, An, Ig, CS, Pn, Pr, Šll, Šlč, Šv, Tr, Trg, Ut, V, Z
<i>Mystacides longicornis</i> Linnaeus, 1758	+	+	Al, Ig, L, M, Ml, Pl, Šv, Trg, Tr, Ukm, Ut, Vlk, Vr, Z
<i>Mystacides nigra</i> Linnaeus, 1758		+	Al, Ig, CS, Ml, Pl, Ps, Rd, Šlč, Š, Šv, Trg, Tr, Ut, V, Vr, Z
<i>Oecetis furva</i> Rambur, 1842	+	+	Al, Ig, Kr, CS, Pl, Tr, Ut, V, Vr, Z
<i>Oecetis lacustris</i> Pictet, 1834	+	+	Al, CS, Pl, Šlt, Tr, Trg, Ut, V
<i>Oecetis notata</i> Rambur, 1842		+	Al, Ak, CS, Šlč, Trg, Ut, V
<i>Oecetis ochracea</i> Curtis, 1825	+	+	Ak, Al, Ig, Kr, CS, L, M, Pl, Šlč, Šlt, Šv, Tr, Trg, Ut, V, Vr, Z
<i>Oecetis testacea</i> Curtis, 1834		+	Al, An, Pl, Šlč
<i>Oecetis tripunctata</i> Fabricius, 1793		+	Al, Šlč, V, Vr
<i>Setodes punctatus</i> Fabricius, 1793	+	+	Al, Jr, Pr, Šlč, Tr, V, Vr
<i>Setodes viridis</i> Fourcroy, 1785	+	+	An, Šr, Tr, V, Vr
<i>Triaenodes bicolor</i> Curtis, 1834	+	+	Al, Ig, Ukm, V
<i>Triaenodes conspersus</i> Rambur, 1842	+		V
<i>Triaenodes reuteri</i> Mac Lachlan, 1880		+	An, V, Šlč, Šv, Trg, Ukm
<i>Triaenodes simulans</i> Tjeder, 1929		+	Al, Pl, Trg, Ukm
<i>Triaenodes unanimis</i> Mac Lachlan, 1877			Ml
BRACHYCENTRIDAE			
<i>Brachycentrus subnubilus</i> Curtis, 1834	+	+	An, Ukm, V, Vr
<i>Micrasema setiferum</i> Pictet, 1834	+	+	An, Ig, Pl, Šv, Ut, V
<i>Oligoplectrum maculatum</i> Fourcroy, 1785	+	+	Al, An, V, Vr
LEPIDOSTOMATIDAE			
<i>Crunoecia irrorata</i> Curtis, 1834		+	Al, Pl, V
<i>Lasiocephala basalis</i> Kolenati, 1848	+	+	An, Jr, V, Vr
<i>Lepidostoma hirtum</i> Fabricius, 1775	+	+	Al, An, Pl, Ps, Šlč, Šr, Šv, Tr, Trg, Ukm, Ut, V, Vr

GOERIDAE			
<i>Goera pilosa</i> Fabricius, 1775	+	+	Al, Ak, An, Kd, L, Pl, Pr, Šil, Šlč, Šv, Trg, Ut, V, Z
<i>Lithax obscurus</i> Hagen, 1859	+		Kd, Rd, V
<i>Silo pallipes</i> Fabricius, 1781	+	+	An, K, Kr, Šil, Šv, Trg, V, Vr
LIMNEPHILIDAE			
<i>Ironoquia dubia</i> Stephens, 1837	+	+	Kd, L, Tr, Trg, Ukm, Ut
<i>Apatania auricula</i> Forsslund, 1930		+	Ut
<i>Apatania zonella</i> Zetterstedt, 1840		+	K
<i>Asynarchus contumax</i> Mac Lachlan, 1880		+	Tr
<i>Nemotaulius punctatolineatus</i> Retzius, 1783	+	+	Ak, Ig, Pl, Pr, Šlt, Tr, Ukm, Ut, Vr, Vlk, V, Z
<i>Glyphotaelius pellucidus</i> Retzius, 1783	+	+	Ak, Al, An, Ig, Jr, Kd, Kr, CS, L, Ml, Pk, Pl, Š, Šv, Trg, Tr, Ukm, Ut, V, Vlk, Vr, Z
<i>Grammotaulius nigropunctatus</i> Retzius, 1783	+	+	Kd, Kr, L, Pk, Pl, Š, Trg, Ukm, Ut, V, Vr, Vlk
<i>Grammotaulius nitidus</i> Müller, 1764		+	Al, Š, Šlt, Šv, Trg
<i>Grammotaulius signatipennis</i> Mac Lachlan, 1876		+	Ut, Ukm, Tr
<i>Limnephilus affinis</i> Curtis, 1834		+	CS, Kr
<i>Limnephilus auricula</i> Curtis, 1834		+	Al, K, Kd, Kr, CS, L, Pl, Šlt, Šr, Trg, Tr, Ukm, Ut, V, Vr
<i>Limnephilus binotatus</i> Curtis, 1834		+	Al, Pl, Trg, Tr, Ut, V
<i>Limnephilus bipunctatus</i> Curtis, 1834		+	Al, Ak, An, Ig, CS, L, Pk, Pl, Trg, Ut, V
<i>Limnephilus borealis</i> Zetterstedt, 1840	+	+	Al, An, Ig, L, Pl, Š, Trg, Tr, Ut, V
<i>Limnephilus centralis</i> Curtis, 1834	+		V
<i>Limnephilus coenosus</i> Curtis, 1834		+	Pl, Trg, Vr
<i>Limnephilus decipiens</i> Kolenati, 1848	+	+	Al, Ig, L, Pl, Šv, Trg, Tr, Ukm, Ut, Vr, V, Z
<i>Limnephilus dispar</i> Mac Lachlan, 1875		+	Tr, Trg, V, Z
<i>Limnephilus elegans</i> Curtis, 1834	+	+	Ak, An, Pl, Pr, Trg, V, Vr, Vlk, Z
<i>Limnephilus extricatus</i> Mac Lachlan, 1865	+	+	Ak, An, Ig, K, Kd, L, Pl, Š, Šv, Trg, Tr, Ukm, Ut, V, Vr
<i>Limnephilus flavicornis</i> Fabricius, 1787	+	+	Al, Ak, An, Kd, Kl, Kr, CS, L, M, Ml, Pk, Pl, Pr, Š, Šr, Šv, Trg, Tr, Ukm, Ut, V, Vlk, Vr, Z
<i>Limnephilus fuscicornis</i> Rambur, 1842	+	+	An, Ig, Jr, Šil, Tr, Trg, Vr
<i>Limnephilus fuscinervis</i> Zetterstedt, 1840		+	Pl, Ut, V
<i>Limnephilus germanus</i> Mac Lachlan, 1875		+	Al, L, Pl, Trg, Ut, V
<i>Limnephilus griseus</i> Linnaeus, 1758		+	Al, Ak, An, Ig, K, Kd, Kr, CS, L, M, Pl, Š, Šlt, Šr, Šv, Trg, Tr, Ukm, Ut, V, Vlk, Vr
<i>Limnephilus ignavus</i> Mac Lachlan, 1865		+	Al, An, Ig, K, CS, L, Pl, Pr, Š, Trg, Tr, Ukm, Ut, Vr, V
<i>Limnephilus incisus</i> Curtis, 1834		+	Al, Ig, L, Pl, Ps, Trg, Ut, V
<i>Limnephilus lunatus</i> Curtis, 1834	+	+	Al, An, Ig, L, Ml, Pl, Š, Šlt, Šv, Trg, Tr, Ukm, Ut, Vr, V
<i>Limnephilus luridus</i> Curtis, 1834		+	Pl
<i>Limnephilus marmoratus</i> Curtis, 1834	+	+	Al, An, Ig, CS, L, Ml, Pl, Trg, Tr, Ukm, Ut, Vr, V, Z

<i>Limnephilus nigriceps</i> Zetterstedt, 1840		+	Ig, Pl, Šv, Tr, Trg, V
<i>Limnephilus politus</i> Mac Lachlan, 1865		+	Al, An, Ig, L, Pk, Pl, Trg, Tr, Ukm, Ut, V, Vr
<i>Limnephilus rhombicus</i> Linnaeus, 1758	+	+	Ak, Al, An, Ig, Kd, Kr, L, Ml, Pl, Š, Šlč, Šlt, Šv, Trg, Tr, Ukm, Ut, V, Vlk, Vr, Z
<i>Limnephilus sericeus</i> Say, 1824		+	Al, Ml, Pl, Šlč, Trg, Ut, Vr, Vlk
<i>Limnephilus sparsus</i> Curtis, 1834		+	Ak, Al, Kr, CS, L, Pk, Pl, Š, Šlt, Šr, Trg, Tr, Ukm, Ut, Vr, V, Z
<i>Limnephilus stigma</i> Curtis, 1834	+	+	Al, Ig, Jr, L, M, Pk, Pl, Ps, Š, Šlt, Šr, Šv, Trg, Tr, Ukm, Ut, Vr, V
<i>Limnephilus subcentralis</i> Brauer, 1857		+	Al, L, Pk, Pl, Šlt, Trg, Tr, Ukm, Ut, V, Vr
<i>Limnephilus vittatus</i> Fabricius, 1798		+	Al, Ig, K, L, M, Pk, Pl, Šr, Šv, Trg, Tr, Ukm, Ut, Vr, V, Z
<i>Anabolia brevipennis</i> Curtis, 1834		+	Al, L, Pl, Š, Šv, Trg, Tr, Ukm, Ut, V, Vr, Z
<i>Anabolia concentrica</i> Zetterstedt, 1840		+	L, Ukm, Ut
<i>Anabolia soror</i> McLachlan, 1875	+	+	Al, An, Ig, K, Kd, L, Pk, Pl, Šlt, Šv, Trg, Tr, Ukm, Ut, V, Vr
<i>Lenarchus bicornis</i> Mac Lachlan, 1880		+	V
<i>Rhadicoleptus alpestris</i> Kolenati, 1848		+	Ak, CS, Tr, Trg, Ukm, V
<i>Potamophylax latipennis</i> Curtis, 1834	+	+	An, Ig, Jr, K, Kd, Kr, CS, Pl, Šv, Trg, Tr, Ukm, Ut, V
<i>Potamophylax luctuosus</i> Piller&Mitterpacher, 1783		+	Šk, Trg
<i>Potamophylax nigricornis</i> Pictet, 1834		+	Al, Kr, Pl, Ut, V
<i>Potamophylax rotundipennis</i> Brauer, 1857	+	+	An, Jr, Kd, L, Pl, Rs, Trg, Ukm, Ut, V
<i>Hydatophylax infumatus</i> Mac Lachlan, 1865	+	+	An, Ut
<i>Stenophylax permistus</i> Mac Lachlan, 1895		+	V
<i>Halesus digitatus</i> Schrank, 1781	+	+	An, Kd, L, Pl, Šv, Trg, Tr, Ut, V
<i>Halesus radiatus</i> Curtis, 1834	+	+	An, Ig, K, Kd, Kr, L, Pl, Šv, Trg, Tr, Ut, V, Vr
<i>Halesus tessellatus</i> Rambur, 1842	+	+	An, Pl, Šv, Trg, Tr, Ut, V, Vr
<i>Micropterna lateralis</i> Stephens, 1837		+	Ak, Kr, Trg, Ukm
<i>Micropterna sequax</i> Mac Lachlan, 1875		+	Kr, Pl, Š, Tr, Ukm, Ut, V
<i>Chaetopteryx villosa</i> Fabricius, 1798	+	+	Al, An, K, Pl, Šk, Šv, Trg, Ut, V
<i>Parachiona picicornis</i> Pictet, 1834		+	Vr

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