

ADDITIONS AND CORRECTIONS TO THE CHECKLIST OF TRICHOPTERA (INSECTA) FROM THE CZECH AND SLOVAK REPUBLICS

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Chvojka, P. et Novák, K. (2001): Additions and corrections to the checklist of Trichoptera (Insecta) from the Czech and Slovak Republics. - Acta Mus. Nat. Pragae, Ser. B, Hist. Nat., 56 [2000] (3-4): 103-120. Praha. ISSN 0036-5343.

Abstract. New records of caddisflies for the fauna of Bohemia and Moravia (Czech Republic) and the Slovak Republic based on examination of new as well as old collections are presented. Several data from the previous edition of the checklist of Czechoslovak Trichoptera are corrected. These changes resulted from critical reevaluation of earlier literature data and are supported by the revision of available collections and current knowledge of distribution of the caddisfly species. Occurrence of the species from the genera or the species groups in which misidentifications were commonplace in the past is reviewed for the territory of the Czech Republic and Slovakia. New findings of rare caddisfly species from the regions under study are also added. The updated checklist of Czech and Slovak Trichoptera is appended; a total of 247 caddisfly species are listed from the Czech Republic (242 and 192 from Bohemia and Moravia, respectively) and 218 species from the Slovak Republic.

■ Trichoptera, faunistics, Czech Republic (Bohemia, Moravia), Slovak Republic, new records, checklist

Received September 25, 2000

Introduction

Trichopterological research on the territory of former Czechoslovakia has quite a long tradition. Studies on the Czech caddisfly fauna were started by Kolenati (1848) and the first species lists from the territory of Bohemia and Slovakia were published at the end of the 19th century (Klapálek 1890, 1895; Mocsáry 1899). New records from then Czechoslovakia (including Transcarpathian Ukraine) from the first third of the 20th century were included in the checklist by Mayer (1939a). The most recent checklist of Czechoslovak caddisflies was compiled by Novák and Obr (1977), they listed 248 species from the territory of former Czechoslovakia (220, 179, and 211 from Bohemia, Moravia, and Slovakia, respectively). Additional species were discovered later and a number of new state records were published (e. g. Sýkora 1963; Pomichal 1979, 1986; Malický 1984; Obr 1984; Szczęsny 1986; Sukop 1990; Šípoš 1991; Chvojka 1993, 1996; Krno, Illéšová and Halgoš 1994; Sedlák 1999; Bulánková, Halgoš and Krno 2000). Although both Czech and Slovak caddisfly fauna is rather well known, ongoing faunistic research, above all in the protected areas (national parks, protected landscape areas, nature reserves), still brings findings of new and rare species for the fauna of the Czech and Slovak Republics.

The aim of this paper is to present new records of Trichoptera from Bohemia and/or Moravia (Czech Republic) and the Slovak Republic as well as to make several corrections of the previous edition of the checklist. These changes resulted from critical reevaluation of some earlier faunistic records and are supported by a revision of voucher specimens and current taxonomic and faunistic knowledge; some other modifications are the consequence of nomenclatural changes. Furthermore,

verified data on occurrence of the species from the genera or the species groups in which misidentifications were commonplace in the past are provided for the territory of Bohemia, Moravia, and Slovakia on the basis of examination of the old and new collections. Some remarkable findings of rare caddisfly species from the regions under study are also added.

All authentic and verified records of caddisfly species from Bohemia, Moravia, and Slovakia are summarized in the updated checklist. A total of 247 and 218 species is enumerated from the Czech and Slovak Republics, respectively.

Faunistic part

New, verified and interesting faunistic data as well as comments on selected species are given in the following part. Species are arranged alphabetically within genera, genera alphabetically within families (or subfamilies and tribes in the Limnephilidae), families are listed according to the previous edition of the checklist (Novák and Obr 1977).

Explanatory notes and abbreviations: In paragraphs "Material examined" verbatim locality label data are quoted for each sample [authors' specification is found in square brackets] and the code of the grid mapping (Fig. 1) according to Zelený (1972) is appended in parentheses. These locality data are followed by the date, number of specimens (males, females, pupae, larvae), name of collector and depository. All material was identified by the authors.

pot. (potok) - brook; R. - river; ryb. (rybník) - pond; NPR - National nature reserve; LT - light trap; YPT - yellow pan trap; MT - Malaise trap; FK - F. Krampl leg.; IN - I. Novák leg.; JH - Jiří Hájek leg.; JM - J. Macek leg.; JZ - J. Zelený leg.; KN - K. Novák leg.; KSJJ - K. Spitzer and J. Jaroš leg.; PC - P. Chvojka leg.; PK - P. Kapitola leg.; VB - V. Bělin leg.; Klap. - Klapálek's collection (deposited in NMP); MMB - Moravian Museum, Brno; NMP - National Museum, Praha; Nov. - K. Novák's collection

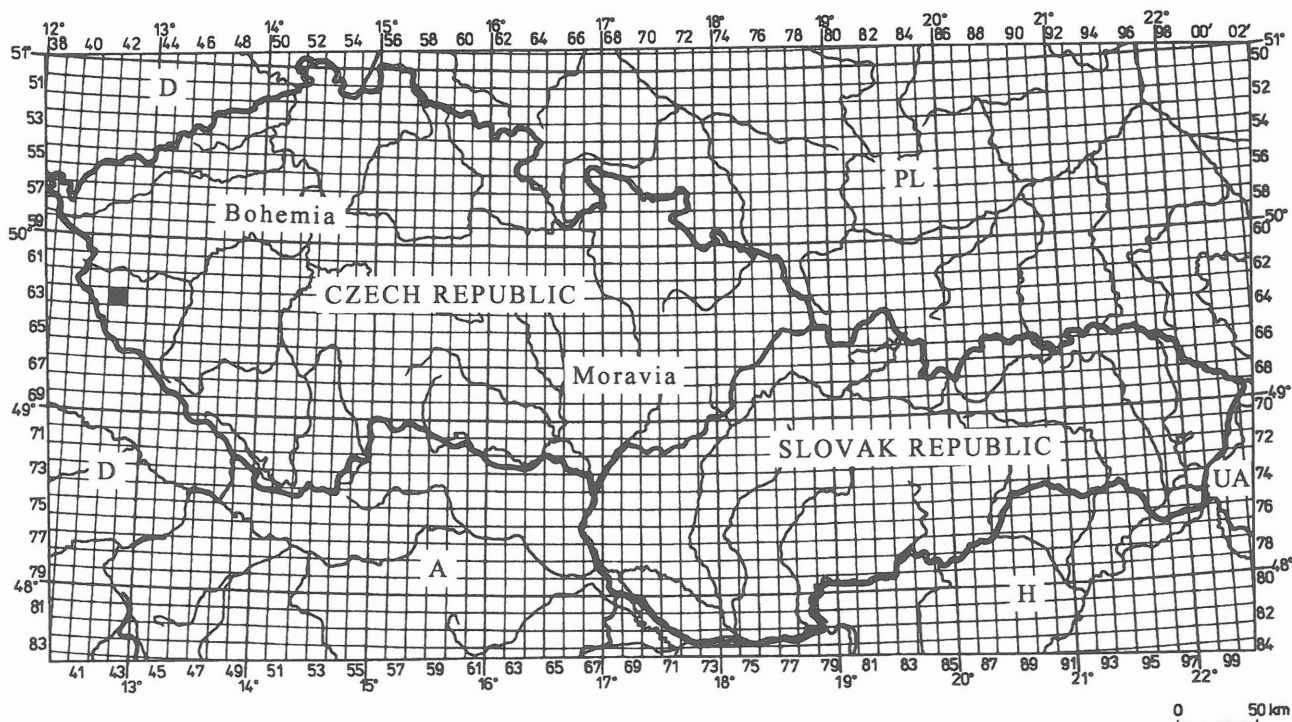


Fig. 1. Grid map of the Czech and Slovak Republics (■ - map field with code 6342).

(Institute of Entomology, České Budějovice); SNMB - Slovak National Museum, Bratislava.

Rhyacophilidae

Rhyacophila aurata BRAUER, 1857

R. aurata was listed from Slovakia by Mayer (1939a) and subsequently by Novák and Obr (1977). The data are based on probable misidentifications published from the High Tatra Mts. (Mayer 1936b, 1939b; Pongrácz 1936). Species was not later confirmed in the North Carpathians (Szczęsny 1986; Chvojka 1992) and it is excluded from the list of the Slovak caddisflies.

R. aurata is distributed in the Alps and its northern foothills (Pitsch 1993a; Maier et al. 1995) and several records are known from the Bayerischer Wald Mts. (Weinzierl 1995) but it has not been reported from the Böhmerwald Mts. yet.

Rhyacophila dorsalis (CURTIS, 1834)

This species was reported from Bohemia and Slovakia by Novák and Obr (1977). In the Czech Republic, it occurs only in southern Bohemia (Novák 1962). *R. dorsalis* belongs also to the fauna of Slovakia but occurs only at the southwestern border of the country - probably only in the Danube River. Larvae develop in the Slovak - Hungarian stretch of the Danube and its branches, adults were collected along the Hungarian riverside (Nógrádi 1994; Nógrádi and Uherkovich, pers. comm.); *R. dorsalis* inhabits also an upstream section of the Danube in Austria (Moog, Humpesch and Konar 1995). Old records from northern Slovakia (Mayer 1936b /also as *R. persimilis*/; 1937 /as *R. persimilis*/; 1939b /also as *R. persimilis*/) are misidentifications, the range of the species does not include the North Car-

pathians (Szczęsny 1986). The data from central Slovakia (Nógrádi and Uherkovich 1987) resulted from a confusion with *R. nubila* (Nógrádi and Uherkovich, pers. comm.). We do not consider records mentioned in various hydrobiological studies on benthic invertebrates from the Czech and Slovak Republics because larvae of *R. dorsalis* are not distinguishable from the related species so far (Waringer and Graf 1997).

R. dorsalis, vicariant species of *R. nubila*, occurs in SW Europe, the border between ranges of both species in Central Europe runs through northern Bavaria, southern Bohemia, northern Austria, and northwestern Hungary and then turns to the Southeast (Pitsch 1993a).

Rhyacophila evoluta McLACHLAN, 1879

This species was listed from Bohemia and Slovakia (Novák and Obr 1977 - as *R. occidentalis evoluta* McL.). There are records from the Krkonoše Mts. and Šumava Mts. in Bohemia (Klapálek 1892, 1903; Novák 1962, 1996), but Slovak data based on larval material (Balthasar 1936; Obr 1956, 1963) are misidentification and species is deleted from the list of Slovak Trichoptera. *R. evoluta* is replaced by *R. mocsaryi* in Slovakia (Novák 1962).

R. evoluta is distributed in the western part of Central Europe (Mittelgebirge) in higher elevation, it is probably absent in the Alps (Pitsch 1993a).

Rhyacophila laevis PICTET, 1834

Material examined: Slovakia c.: right tributary of Hron above Bujakovo (7184), 15. vi. 1955, 4 ♂, MMB; 4 ♂ 1 ♀, SNMB.

Species was reported only from the easternmost Slovakia so far (Sýkora 1963; Chvojka 1993). New record is from central Slovakia.

Rhyacophila pascoei McLACHLAN, 1879

Material examined: **Slovakia occ.:** Bratislava, nábreží Dunaje [Danube embankment] (7868), 30. v. 1950, 2 ♂, Balát leg., SNMB.

Species is new to the caddisfly fauna of the Slovak Republic. It was listed only from Bohemia in Novák and Obr (1977) on the basis of a single record from central Bohemia (Klapálek 1891). Its occurrence was not confirmed in the Czech Republic because voucher specimen is not preserved in Klapálek's collection (NMP) and there are not any recent records. On the other hand, it is possible to expect new records from the Slovak Danube River as the species inhabits upstream sections of the river in Austria (Moog, Humpesch and Konar 1995). In Central Europe *R. pascoei* is listed from Germany, Austria, and Hungary (Uherkovich and Nógrádi 1992; Klima et al. 1994; Malicky 1999a).

Rhyacophila philopotamoides McLACHLAN, 1879

R. philopotamoides was listed for Bohemia and Slovakia in Novák and Obr (1977) and from Moravia in Obr (1976). The single Bohemian record from western Bohemia (Šámal 1920a) is doubtful (Novák 1962) and the species has not been confirmed in Bohemia so far. In spite of this we retain it in the checklist of caddisflies of Bohemia because this record is close to German localities (Pitsch 1993a; Klima et al. 1994). Similarly, the only record from northeastern Moravia - the Moravskoslezské Beskydy Mts. (Krkavec 1951) is uncertain but the species is proved from the Polish side of the border - the Beskid Śląski Mts. (Szczęsny 1986).

Rhyacophila torrentium PICTET, 1834

This species is listed from Bohemia, Moravia, and Slovakia in the checklist of Czechoslovak Trichoptera (Novák and Obr 1977). However, we consider the Slovak data (Pongrácz 1914; Fekete 1926; Mayer 1936b, 1937, 1939b) as misidentification and *R. torrentium* is excluded from the list of Slovak caddisflies.

R. torrentium is distributed from the Western Alps to the Elburz Mts. including the Romanian Carpathians (Botosaneanu 1995) and Mittelgebirge (Pitsch 1993a) but its range does not include the North Carpathians (Szczęsny 1986).

Glossosomatidae

Synagapetus iridipennis McLACHLAN, 1879

Material examined: **Bohemia occ.:** brook S Loket (5842), 22. vi. 1999, 2 ♂ 1 ♀, PC, NMP; **Bohemia sept.:** brooklet, Radoňovice ENE Hodkovice nad Mohelkou (5356), 4. vii. 1991, 2 ♂ 1 ♀; **Bohemia or.:** left tributary of Zdobnice N Popelov (5864), 9. vii. 1994, 2 ♂ 1 ♀; left tributary of Bělá NW Malý Uhřínov (5763), 10. vii. 1995, 35 ♂ 26 ♀; 17. viii. 1995, 1 ♂ 2 ♀; 22. vii. 1996, 3 ♂ 1 ♀; left tributary of Bělá W Pičberk (5763), 11. vii. 1995, 1 ♂ 3 ♀; Olešanka above Olešnice v Orlických horách (5663), 12. vii. 1995, 1 ♂ 1 ♀; brook below Čihalka E Olešnice v Orlických horách (5664), 12. vii. 1995, 7 ♂ 6 ♀; brook 1 km NNW Olešnice v Orlických horách (5663), 12. vii. 1995, 28 ♂ 38 ♀; right tributary of Zdobnice E Přim (5864), 13. vii. 1995, 2 ♂ 1 ♀; source and brook W Vrchmezí (5664), 18. viii. 1995, 3 ♂; right tributary of Chrudimka NE Hradiště (6160), 21. vii. 1996, 1 ♂; brooklet E Běstvina (6159), 21. vii. 1996, 2 ♂ 1 ♀; 20. vii. 1998, 7 ♂ 7 ♀; 30. vi. 1999, 9 ♂ 4 ♀; left tributary of Bělá W Uhřínov (5763), 19. viii. 1996, 2 ♀; brooklet S

Koruna nr. Božanov (540 m a. s. l.) (5463), 20. v. 1997, 1 ♀; brooklet S Koruna nr. Božanov (600 m a. s. l.) (5463), 12. vi. 1997, 1 ♂ 1 ♀; source and brook SE Machovská Lhota (5563), 14. vi. 1997, 1 ♂ 1 ♀; brooklet N Hlavňov (5463), 15. vi. 1997, 2 ♂ 4 ♀; brook NE Kamenec nr. Šonov (5464), 16. vi. 1997, 1 ♀; 28. vii. 1997, 1 ♂; pond, Sedloňov - Polom (5663), 10. vii. 1997, 1 ♂; Blatnický pot. S Spálava (6260), 21. vii. 1998, 6 ♂ 18 ♀; brooklet, Práčov (6160), 28. vi. 1999, 1 ♂ 6 ♀; brooklet, NE slope of Polom (6260), 29. vi. 1999, 2 ♂; all PC, NMP.

S. iridipennis was listed only from Moravia and Slovakia in Novák and Obr (1977). Recent collections revealed that this species is widely distributed also in northeastern Bohemia.

Hydroptilidae

Hydroptila angustata MOSELY, 1939

Material examined: **Bohemia mer.:** České Budějovice - Haklovy Dvory (LT) (6952), 23. viii. 1995, 1 ♂, KN, Nov.

New species for the Czech Republic. This species with circum-mediterranean distribution was recently discovered in several parts of continental Europe (Uherkovich and Nógrádi 1992, 1997; Botosaneanu 1995; Ujvárosi, Nógrádi and Uherkovich 1997; Malicky 1997, 1999a).

Hydroptila forcipata (EATON, 1873)

Material examined: **Moravia mer.:** Velička, Nová Lhota - Vápenky (7171), 22. vi. 1999, 7 ♂ 2 ♀, PC, NMP.

This species, widely distributed in Europe, is for the first time reported from Moravia.

Hydroptila lotensis MOSELY, 1930

Material examined: **Slovakia c.:** Biela Orava below Lokca (6682), 29. vi. 1992, 1 ♂; Turiec, Martin (6979), 24. ix. 1993, 1 ♂; all PC, NMP.

New species for the Slovak Republic. It is known from the neighbouring countries (Szczęsny 1991; Uherkovich and Nógrádi 1992) and it was also reported from southern Germany (Peissner, Maier and Kappus 1998) and southeastern Austria (Malicky 1997, 1999a; Graf, Schmidt-Kloiber and Moritz 1998) recently.

Hydroptila martini MARSHALL, 1977

Material examined: **Bohemia c.:** Pšovka Valley SW Hlučov, spring wetland (5553), 6. vii. 1999, 12 ♂ 10 ♀, PC, NMP. **Bohemia or.:** Na Obůrce E Třemošnice, spring brook (6159), 30. vi. 1999, 1 ♂ 4 ♀, PC, NMP. **Slovakia c.:** cut-off meander of Váh nr. Čemice (6983), 30. vii. 1962, 9 ♂ 1 ♀, KN, Nov.

New species for the Czech and Slovak Republics. Distribution of this species is insufficiently known, scattered records are from Ireland to Bosnia (Malicky 1996) and Denmark (Wiberg-Larsen and Holm 1999), less frequent in Central Europe (Szczęsny 1991; Klima et al. 1994; Malicky 1999a).

Hydroptila simulans MOSELY, 1920

Material examined: **Bohemia occ.:** Ohře below Loket (5842), 24. vi. 1999, 1 ♂, PC, NMP.

New species for the Czech Republic. Western Palaearctic species, rare in Central Europe (Szczęsny 1991; Klima et al. 1994; Nógrádi 1994; Malicky 1997, 1999a).

Hydroptila valesiaca SCHMID, 1947

Material examined: **Bohemia or.:** Na Obůrce E Třemošnice, spring brook (6159), 30. vi. 1999, 3 ♂, PC, NMP; **Slovakia c.:** Lúbochnianka, Lúbochná (6880), 30. vii. 1962, 1 ♀, KN, Nov.

New species for the Slovak Republic. In the Czech Republic, this species was known only from single locality in western Bohemia (Chvojka 1996) so far, new record is from eastern Bohemia. It is known also from several sites in Switzerland, France, Scotland, and Germany (Marshall 1977; Kahnert 1995).

Hydroptila vectis CURTIS, 1834

Material examined: **Moravia mer.:** Brno - Komárov, 1. vii. 1956, 4 ♂ 8 ♀, MMB.

This species is for the first time reported from Moravia. Widely distributed in Western Palaearctis.

Orthotrichia tragetti MOSELY, 1930

Material examined: **Slovakia occ.:** Jurský Šúr (LT) (7769), 4. vi. 1996, 1 ♂ 2 ♀, J. Lukáš leg. et coll.; **Slovakia or.:** Veľká Krčava SE Veľký Kamenec (7697), 26. vii. 1999, 1 ♂, PC, NMP.

New species for the Slovak Republic. It was recently recorded also from adjacent countries for the first time (Chvojka 1996; Malický 1999a).

Oxyethira flavicornis (PICTET, 1834)

Material examined: **Slovakia occ.:** Jurský Šúr (LT) (7769), 18. v. 1995, 4 ♂ 2 ♀, J. Lukáš leg. et coll.; Dunaj [Danube R.] SW Bodíky (8070), 29. vii. 1999, 2 ♂; branch of the Dunaj [Danube R.] SW Bodíky (LT) (8070), 29. vii. 1999, 30 ♀; all PC, NMP.

This species, widely distributed in Europe, is for the first time reported from the territory of Slovakia.

Oxyethira simplex RIS, 1897

Material examined: **Bohemia c.:** Pšovka below Vojtěchov (5553), 2. vi. 1999, 4 ♂ 5 ♀; 6. vii. 1999, 22 ♂ 7 ♀; all PC, NMP.

New species for the Czech Republic. *O. simplex* was recorded from northern Europe (Barnard 1985; Andersen and Wiberg-Larsen 1987; Spuris 1989; Ashe, O'Connor and Murray 1998), southern Germany (Kahnert 1995), and southern Italy (Moretti and Cianficconi 1995) so far.

Philopotamidae

Wormaldia McLACHLAN, 1865

Five species were listed from former Czechoslovakia in Novák and Obr (1977). Reexamination of collections revealed that only *W. occipitalis*, *W. subnigra*, *W. pulla*, and *W. copiosa* occur in the territory of the Czech and Slovak Republics. *W. occipitalis* is common species of spring brooks, on the other hand *W. pulla* and *W. copiosa* are rare or very rare species.

Wormaldia subnigra McLACHLAN, 1865

Material examined: **Bohemia or.:** P. [pot.,] Nekoř (5965), 21. vii. [18]88, 1 ♂; D. [Divoká] Orlice, Pastviny (5965), 23. vii. [18]88, 1 ♂; P. [pot.] v Údolí - Nek. [oř] (5965), 23. vii. 1888, 1 ♂; Orlička J. [Orličský pot., Jablonné nad Orlicí] (5965), 13. viii. [18]90, 1 ♂; P.

[pot.] Nekořský (5965), 16. viii. [18]90, 5 ♂; D. [Divoká] Orlice N. [Nekoř] (5965), 16. viii. [18]90, 1 ♂; Cerekvice [nad Loučnou] (60-6163), 18. viii. [18]90, 1 ♂; N. [Německý] Brod [tributary of Sázava, Pohled] (6359), 2. ix. 1901, 1 ♂; all Klap.-NMP. **Moravia mer.:** Želetavka above Vranovská přehrada (7060), 8. vii. 1956, 2 ♂, MMB; Bobrová (6562), 20. vii. 1959, 2 ♂, J. Sýkora leg., NMP; Svratka below Krásné (6362), 14. viii. 1960, 4 ♂, SNMB.

Published records of *W. subnigra* from the Czech Republic are scarce and some of them are based on larvae only. Examination of material available in museum collections proves the occurrence of this species in the highland region on the borderline between Bohemia and Moravia but there are not any recent records.

Wormaldia triangulifera McLACHLAN, 1878

This species was listed from all parts of former Czechoslovakia (Novák and Obr 1977) on the basis of published data (Klapálek 1892; Pongrácz 1914; Fekete 1926; Mayer 1937; Obr 1969a). However, all examined specimens from our collections labeled as *W. triangulifera* belong to *W. occipitalis*. The range of *W. triangulifera* does not include Central Europe (Botosaneanu and Malický 1978) and therefore the species is excluded from the checklists of the Czech and Slovak Republics.

Hydropsychidae

Hydropsyche PICTET, 1834

Novák and Obr (1977) listed 10 species of the genus *Hydropsyche* from Czechoslovakia according to old published data. However the identification of the *Hydropsyche* species was difficult in the past, misidentifications were commonplace and data were unreliable until the revision of the *instabilis*-group (Botosaneanu and Marinković-Gospodnetić 1966), the *guttata*-group (Malický 1977), and publication of detailed illustrations of the male genitalia of all European species (Malický 1983). In addition, several new species were described from Europe in the last decades, one of them was even discovered in Central Europe recently (Pitsch 1993b). For that reason, it was necessary to revise former identifications to clarify the occurrence and distribution of *Hydropsyche* species in the Czech and Slovak Republics. This study resulted in the discovery of 17 and 12 species from the Czech Republic and Slovakia, respectively. Distributional records for single species of the genus *Hydropsyche*, with the exception of easily identifiable and very common *H. angustipennis*, are presented.

Hydropsyche botosaneanui MARINKOVIĆ-GOSPODNETIĆ, 1966

Material examined: **Bohemia mer.:** Blanice, Blažejovice (7049), 27. v. 1959, 2 ♂, KN, Nov.; **Bohemia or.:** T[Tichá] Orlice - J[Jablonné nad Orlicí] (5965), 17. v. 1891, 2 ♂ (as *H. pellucidula* in Klapálek 1892a), Klap.-NMP; [Divoká] Orlice, Potštejn (5963), 28. v. 1958, 3 ♂, KN, Nov.; Divoká Orlice, Potštejn (5963), 13. v. 1998, 3 ♂ 10 ♀; Doubrava, Třemošnice (6159), 19. v. 1999, 1 ♂; Chrudimka above Svídnice (6160), 21. v. 1999, 1 ♂; all PC, NMP.

New species for the Czech Republic. It was described from Bosnia and subsequently mentioned from other parts of the Balkan Peninsula (Marinković-Gospodnetić 1979; Kumanski 1988; Malický 1999b) and only recently reported from Central Europe for the first time (Ciubuc 1993; Pitsch 1993b; Fischer and Neu 1998).

Hydropsyche bulbifera McLACHLAN, 1878

Material examined: **Bohemia sept.**: Vápenný vrch S Raspenava (LT) (5156), 9. viii. 1999, 1 ♂, FK, NMP; Pančava (LT) (5259), 29. vi. - 4. vii. 1994, 2 ♂, J. Vaněk leg., Nov.; **Bohemia c.**: Strupinský pot., Hředle (6149), 20. vi. 1960, 1 ♂; 25. vii. 1960, 1 ♂; all KN, Nov.; Kozovazy (5854), 24. vii. 1960, 1 ♂; Mochov, stream (5854), 24. vii. 1961, 14 ♂; all JZ, Nov.; Praha - Ruzyně (LT) (5951), 18. viii. 1970, 1 ♂; 18. viii. 1974, 1 ♂; all IN, Nov.; **Bohemia mer.**: České Budějovice - Haklovy Dvory (LT) (6952), 10. viii. 1991, 1 ♂; 17. vii. 1994, 1 ♂; all KN, Nov.; **Bohemia or.**: Libice [nad Doubravou] (6260), 18. v. [19]03, 1 ♂, Klap.-NMP; Doubrava above Libice nad Doubravou (6260), 21. vii. 1998, 1 ♂, PC, NMP; Černá stráň, Bělečko (LT) (5861), 7. viii. 1997, 1 ♂; Trčkovská louka, Trčkov (LT) (5664), 13. viii. 1997, 1 ♂; all JH, NMP; **Moravia mer.**: Třeštica, Třešť (6658), 26. v. 1960, 1 ♂, KN, Nov.; **Slovakia occ.**: Piešťany, bridge (7473), 4. -6. viii. 1958, 25 ♂, Bartoš leg., Nov.; Závod nr. Malacky (LT) (7468), 4. -5. viii. 1978, 3 ♂ (as *H. ornatula* /partim/ in Obr 1984), VB, SNMB; **Slovakia c.**: Petruška, Parížovce (6883), 26. v. 1962, 8 ♂; 12. vi. 1963, 1 ♂; Rajčanka, Raj. [ecké] Teplice (6983), 2. viii. 1962, 10 ♂; all KN, Nov.; Ipeľ, Šahy (7979), 5. vii. 1992, 1 ♂, PC, NMP; **Slovakia or.**: Sveržovo Kamene, Sveržov (6693), 21. vi. 1961, 1 ♂; Poprad, Forbasy (6789), 25. vii. 1961, 1 ♂; brook nr. Dubová (7094), 27. vii. 1961, 2 ♂; all KN, Nov.; Ublianka below Ubl'a (7100), 16. vii. 1990, 1 ♂ pupa; Cirocha above Snina (7099), 20. vii. 1990, 2 ♂; all PC, NMP.

Occurrence of *H. bulbifera* in Bohemia and Slovakia was considered doubtful by Novák and Obr (1977). This widely distributed western Palaearctic species was corroborated from Bohemia and Moravia by Malický (1977) and from Slovakia by Nógrádi (1988, 1989).

Hydropsyche bulgaromanorum MALICKY, 1977

Material examined: **Bohemia c.**: Praha - Ruzyně (LT) (5951), 5. -6. ix. 1974, 3 ♂; 8. -10. viii. 1975, 20 ♂; 12. viii. 1975, 19 ♂; 25. vii. 1978, 1 ♂; 3. -5. viii. 1979, 1 ♂; 6. viii. 1979, 1 ♂; 16. viii. 1979, 2 ♂; 20. viii. 1979, 1 ♂; 31. viii. 1979, 1 ♂; 2. ix. 1979, 1 ♂; 16. viii. 1980, 3 ♂; 13. viii. 1981, 1 ♂; 18. viii. 1984, 1 ♂; all IN, Nov.; Vltava, Praha - Strnady (6052), 24. vii. 1991, 5 ♂; Vltava, Praha - Chuchle (5952), 6. viii. 1992, 1 ♂; Berounka, Praha - Radotín (6052), 21. vii. 1992, 1 ♂; all PC, NMP; **Bohemia mer.**: Semice nr. Písek (LT) (6751), 14. viii. 1969, 2 ♂ (as *H. guttata* in Obr 1984), FK, SNMB; Červené Blato, Šalmanovice (LT) (7154), 28. -30. vi. 1994, 1 ♂; 28. vii. 1995, 3 ♂; 18. vii. 1996, 4 ♂, all KSJJ, Nov.; České Budějovice - Haklovy Dvory (LT) (6952), 13. -15. vii. 1991, 1 ♂; 16. vii. 1992, 2 ♂; 11. vii. 1995, 12 ♂; 28. vii. 1996, 1 ♂; 21. viii. 1996, 1 ♂; 5. ix. 1996, 1 ♂; 1. vii. 1997, 2 ♂; 3. vii. 1997, 1 ♂; all KN, Nov.; **Moravia mer.**: Strachotín (LT) (7065), 7. -8. viii. 1978, 1 ♂ (as *H. ornatula* /partim/ in Obr 1984), VB, MMB; Dyje, Pohansko (7267), 17. v. 1992, 1 ♂, PC, NMP; Lednice, Prostřední ryb. (LT) (7266), 9. vii. 1997, 2 ♂, FK, NMP; **Slovakia occ.**: Dunaj [Danube R.], Bratislava - Devín (7867-68), 18. v. 1992, 17 ♂; Dunaj [Danube R.], Štúrovo (8178), 5. vii. 1992, 8 ♂; Hron, Kamenica nad Hronom (8178), 5. vii. 1992, 2 ♂; Dunaj [Danube R.] SW Gabčíkovo (8171), vii. 1999, 1 ♂; all PC, NMP; **Slovakia or.**: Latorica, Leles (7598), 27. v. 1961, 2 ♂, KN, Nov.; Latorica N Bořany (LT) (7598), 25. vii. 1999, 1 ♂; Tisa E Malé Trakany (7698), 25., 27. vii. 1999, 11 ♂; Veľká Krčava SE Veľký Kamelec (7697), 26. vii. 1999, 1 ♂; all PC, NMP.

This species is widespread in Europe and Siberia (Malický 1984) and was also reported from Bohemia, Moravia, and Slovakia (Malický 1984; Novák 1989, 1993, 1996; Elexová 1997; Sedlák 1999). Our data indicate that the species is distributed along large rivers in the Czech Republic and Slovakia in the present but there is not any evidence of its occurrence before 1960.

Hydropsyche contubernalis McLACHLAN, 1865

Material examined: **Bohemia occ.**: Karlovy Vary - Doubí (5742-43), 6. viii. 1960, 3 ♂, JZ, Nov.; Ohře, Královské Poříčí (5842), 1. vi. 1993, 26 ♂; brook S Loket (5842), 28. vii. 1994, 3 ♂; all PC, NMP; **Bohemia sept.**: Ohře, Postoloprty (5648), 20. v. 1957, 4 ♂; Labe, Litoměřice (5450), 21. v. 1957, 10 ♂; Labe, Liběchov (5552), 24. vi. 1957, 5 ♂; Ohře, Hrdly (5550), 25. vi. 1957, 3 ♂; 26. viii. 1957, 3 ♂; Modla u Lovosic (5450), 22. vii. 1957, 1 ♂; Prackovice nad Labem (5450), 23. ix. 1957, 1 ♂; all KN, Nov.; Labe, Děčín - Boletice (5251), 1. ix. 1992, 29 ♂; Labe, Hřensko (5151), 2. ix. 1992, 1 ♂; Labe, Nučnický (5451), 3. ix. 1992, 1 ♂; all PC, NMP; **Bohemia c.**: N. Hütt [Nová Huť S Nižbor] (6050), 2 ♂ (as *H. guttata* in Klapálek 1891) [O. Nickerl leg.]; [Praha -] Štvanice (5952), 30. v. [18]90, 1 ♂; 3. vi. [18]90, 3 ♂; 6. vii. [18]90, 1 ♂ (as *H. guttata* in Klapálek 1891); [Praha -] Podbaba (5852), 13. v. [18]91, 2 ♂ (as *H. guttata* in Klapálek 1892); Jiřina (5854), 29. v. [18]92, 1 ♂ (as *H. guttata* in Klapálek 1894); [Praha -] Chuchle (5952), 16. v. [18]93, 2 ♂ (as *H. guttata* in Klapálek 1894); Kar[lův] Týn [Karlštejn] (6051), 28. v. [18]93, 1 ♂ (as *H. guttata* in Klapálek 1894); Kuchelbad [Praha - Chuchle] (5952), 2. ix. [1]893, 3 ♂; Podol, vii. [1]894, 3 ♂ [O. Nickerl leg.]; [Praha -] Malvazinka (5952), 12. v. [18]95, 1 ♂; [Praha -] Chabry (5852), 10. v. [19]15, 4 ♂; [Praha -] Karlov (5952), 4. viii. [19]15, 3. ix. [19]15, 11. ix. [19]15, 23. vi. [19]16, 21. vii. [19]16, 20. v. [19]17, 18. vii. [19]17, 7 ♂, Dr. Klička [leg.]; all Klap.-NMP; Berounka, Žloukovice (5949), 20. vi. 1960, 2 ♂; Želivka, Švihov (6256), 29. vii. 1960, 1 ♂; all KN, Nov.; Mochov (5854), 18. viii. 1963, 1 ♂, JZ, Nov.; Praha - Ruzyně (LT) (5951), 5. vii. 1973, 1 ♂; 7. x. 1976, 1 ♂; 19. ix. 1979, 1 ♂; 2. ix. 1979, 1 ♂; 1. viii. 1980, 11 ♂; 14. -16. viii. 1981, 4 ♂; all IN, Nov.; Berounka, Srbsko (6050), 25. iv. 1989, 17 ♂; 23. vi. 1989, 3 ♂; 16. v. 1990, 8 ♂; Berounka, Karlštejn (6051), 25. v. 1989, 14 ♂; Vltava, Praha - Závist (6052), 20. v. 1989, 6 ♂; Bubovický pot. above Srbsko (6050), 25. v. 1989, 1 ♂; Loděnice above confluence with Berounka (6050), 16. v. 1990, 2 ♂; Vltava, Praha - Troja (5852), 20. v. 1990, 4 ♂; 12. v. 1993, 18 ♂; all PC, NMP; Praha - Strnady (6052), 12. ix. 1991, 1 ♂, PK, NMP; Berounka, Praha - Radotín (6052), 21. vii. 1992, 3 ♂; Šachetský pot. W Praha - Radotín (6052), 21. vii. 1992, 2 ♂; Vltava, Praha - Chuchle (5952), 6. viii. 1992, 2 ♂; Vltava, Vepřek (5651), 4. ix. 1992, 2 ♂; Jizera, Káraný (5854), 8. ix. 1992, 2 ♂; 16. v. 1993, 8 ♂; Sázava, Kamenný Přívoz (6153), 8. v. 1993, 3 ♂; Labe, Čelákovice (5854), 8. viii. 1993, 4 ♂; all PC, NMP; Týřovice (LT) (6048), 3. vi. 1994, 1 ♂; 4. vii. 1994, 2 ♂; 15. vii. 1994, 14 ♂; 25. vii. 1994, 3 ♂; 3. viii. 1994, 7 ♂; 19. viii. 1994, 12 ♂; all KN, Nov.; Vltava, Praha - Podolí (5952), 30. viii. 1999, 1 ♂; Labe, Obříství (5752), 2. ix. 1999, 6 ♂; Vltava, Zelčín (5652), 2. ix. 1999, 6 ♂; all E. Stuchlík leg., NMP; **Bohemia mer.**: Nežárka u Veselí [nad Lužnicí] (6854), 21. vii. [18]86, 5 ♂; Nežárka, Veselí nad Lužnicí] (6854), 21. vii. 1886, 3 ♂ (as *H. guttata* in Klapálek 1890); Kačlehy (6856), 1890, 1 ♂ (as *H. guttata* in Klapálek 1892), Dr. Vávra [leg.]; Písek (6650), 3 ♂ (as *H. guttata* in Klapálek 1903) [A. Krejčí leg.]; Třeboň (6954), 12. v. [18]98, 1 ♂; all Klap.-NMP; Žďákov (6451), 13. vi. 1955, 1 ♂, J. Sýkora leg., NMP; Otava, Zátaví (6750), 28. v. 1959, 4 ♂; 26. vi. 1959,

1 ♂; Lužnice, Klec (6954), 21. vii. 1959, 7 ♂; Blanice, Myšenec (6751), 27. viii. 1959, 1 ♂; all KN, Nov.; Semice nr. Písek (LT) (6751), 27. vii. 1970, 13 ♂, FK, MMB; Horská Kvilda (LT) (6947), 14. viii. 1974, 1 ♂, K. Spitzer leg., Nov.; Malá niva, Soumarský most (LT) (7048), 17. vi. 1977, P. Werner leg., NMP; Černiš (LT) (7052), 21. vii. 1987, 1 ♂; 25.-26. viii. 1992, 6 ♂; 5. vii. 1994, 5 ♂; 30. vii. 1994, 40 ♂; 12. vii. 1995, 2 ♂; 21. viii. 1997, 6 ♂; 26. viii. 1997, 6 ♂; all KSJJ, Nov.; České Budějovice - Haklovy Dvory (LT) (6952), 11.-17. vi. 1992, 6 ♂; 24. ix. 1993, 9 ♂; 31. vii. 1994, 7 ♂; all KN, Nov.; Čepice nr. Rabí (LT) (6747), 23. vii. 1992, 1 ♂, PK, NMP; **Bohemia or.**: Labe, Pardubice (5960), 7. vii. 1958, 3 ♂; brook, Vysoké Chvojno (5861), 7. vii. 1958, 1 ♂; all KN, Nov.; Havlíčkův Brod (6359), 15. vi. 1959, 9 ♂, E. Křelinová leg., Nov.; Hradec Králové (LT) (5861), 5. viii. 1997, 3 ♂, JH, NMP; Labe, Němčice (5960), 31. viii. 1999, 6 ♂, E. Stuchlík leg., NMP; **Moravia mer.**: Strachotín (LT) (7065), 7.-8. viii. 1978, 7 ♂ (as *H. ornatula* /partim/ in Obr 1984), VB, MMB; Dyje, Pohansko (7267), 17. v. 1992, 4 ♂, PC, NMP; Hnanice (LT) (7161), 9.-12. vi. 1997, 3 ♂; Havraníky (LT) (7161), 12. vi. 1997, 5 ♂; all JM, NMP; Lednice, Prostřední ryb. (LT) (7266), 9.-10. vii. 1997, 3 ♂, FK, NMP; **Slovakia occ.**: Závod nr. Malacky (LT) (7468), 4., 5. viii. 1978, 3 ♂ (as *H. ornatula* /partim/ in Obr 1984), VB, SNMB; Bratislava (7868), 31. viii. 1987, 1 ♂, JZ, Nov.; Čenkov env. (8277), 11. v. 1991, 1 ♂, O. Hovorka leg., NMP; Morava, Devínska Nová Ves (77-7867), 18. v. 1992, 12 ♂; Dunaj [Danube R.], Bratislava - Devín (7867-68), 18. v. 1992, 44 ♂; Dunaj [Danube R.], Štúrovo (8178), 5. vii. 1992, 6 ♂; all PC, NMP; Jurský Šúr (LT) (7769), 26. vi. 1995, 1 ♂, J. Lukáš leg. et coll.; **Slovakia c.**: Vadičovský pot., Lopušné Pažite (6778-79), 20. viii. 1963, 1 ♂, KN, Nov.; **Slovakia or.**: Topľa, Hlinné (7095), 26. v. 1961, 4 ♂; Topľa, Gerlachov (6692), 21. vi. 1961, 1 ♂; Poprad, Forbasy (6789), 25. vii. 1961, 3 ♂; Laborec, Udavské (7097), 27. vii. 1961, 1 ♂; Humenné (LT) (7097), 27. vii. 1961, 2 ♂; brook, Bardejov (66-6793), 21. ix. 1961, 1 ♂; all KN, Nov.

Widespread and common species in Europe including the Czech and Slovak Republics (e. g. Malicky 1977; Kirka, Mészáros and Nagy 1981; Novák 1981, 1989, 1993, 1996; Obr 1984; Zelinka et al. 1984; Pomichal 1986; Nógrádi 1988, 1989; Sukop 1990; Adamek and Sukop 1992; Krno, Bulánková and Halgoš 1994; Zahrádková, Fiala and Zahrádka 1995; Elexová 1998, 1997; Sedlák 1999).

Hydropsyche dinarica MARINKOVIĆ-GOSPODNETIĆ, 1979

Material examined: **Bohemia mer.**: Úhlava, Nýrsko (6744), 18. v. 1946, 1 ♂ pupa; Křemelná nr. Čekova Pila (6846), 24. vii. 1956, 1 ♂; all KN, Nov.

New species for the caddisfly fauna of the Czech Republic. The range of this species extends from former Yugoslavia to Belgium (Pitsch 1993b) and includes also neighbouring Germany and Austria (Klima et al. 1994; Malicky 1999a).

Hydropsyche exocellata DUFOUR, 1841

Material examined: **Bohemia mer.**: České Budějovice - Haklovy Dvory (LT) (6952), 1. ix. 1994, 1 ♂, KN, Nov.; **Slovakia occ.**: branch of the Dunaj [Danube R.] SW Bodíky (LT) (8070), 29. vii. 1999, 3 ♂, PC, NMP.

New species for both the Czech and Slovak Republics. This is the species with western European distribution (Pitsch

1993a), the easternmost data were from the Bayerischer Wald (Weinzierl 1995) so far. Our records extend its range through southern Bohemia to western Slovakia.

Hydropsyche fulvipes (CURTIS, 1834)

Material examined: **Bohemia occ.**: brook S Loket (5842), 28. vii. 1994, 2 ♂, PC, NMP; **Bohemia c.**: [Praha-] D. Šárka, 1. vi. [18]90, 1 ♂, Klap.-NMP; **Bohemia or.**: [Benecko-] Zákoutí (5359), 27. vii. [18]91, 2 ♂, Klap.-NMP; left tributary of Bělá NW Malý Uhřínov (5763), 22. vi. 1995, 1 ♂; Bělá (420 m a. s. l.) (5763), 19. viii. 1996, 1 ♂; brooklet NE Běstvína (6159), 20. vii. 1998, 2 ♂; all PC, NMP.

This species was listed from Bohemia, Moravia, and Slovakia in Novák and Obr (1977) including *H. instabilis*, however old records are doubtful because both species were confused with each other and with *H. siltalai*. *H. fulvipes* is distributed in Europe and is rather common in some Central European countries (e. g. Klima et al. 1994; Malicky 1999a) but it is one of the most rare *Hydropsyche* species in Bohemia, it was not confirmed from Moravia and from Slovakia it was reported only by Nógrádi and Uherkovich (1987).

Hydropsyche guttata PICTET, 1834

Material examined: **Bohemia c.**: Praha - Ruzyně (LT) (5951), 18. viii. 1974, 1 ♂, IN, Nov.; **Bohemia mer.**: Semice nr. Písek (LT) (6751), 24. vii. 1969, 1 ♂, FK, MMB; Horská Kvilda (LT) (6947), 14. viii. 1974, 1 ♂, K. Spitzer leg., Nov.; Horní Planá (LT) (7250), 12. viii. 1988, 1 ♂; 19. viii. 1988, 2 ♂; České Budějovice - Haklovy Dvory (LT) (6952), 6. viii. 1988, 1 ♂; 16. viii. 1988, 1 ♂; 9. viii. 1993, 1 ♂; all KN, Nov.

H. guttata (including *H. ornatula*) was listed from Bohemia, Moravia, and Slovakia in Novák and Obr (1977) on the basis of old data. Most of those records are misidentifications of other species (above all *H. contubernalis*, *H. bulgaromanorum*, *H. modesta*). The range of *H. guttata* is in Central Europe (Malicky 1984, 1999a; Uherkovich and Nógrádi 1992; Klima et al. 1994) including southern Bohemia (Malicky 1984; Obr 1984; Novák 1993, 1996). The species was not proved from Moravia and Slovakia.

Hydropsyche incognita PITSCH, 1993

Material examined: **Bohemia occ.**: Lesní ryb., Královské Poříčí (5842), 28. vii. 1994, 1 ♂; brook S Loket (5842), 28. vii. 1994, 2 ♂; Ohře, Perštejn (5644), 21. v. 1998, 2 ♂; Ohře above Karlovy Vary (5742), 5. viii. 1998, 1 ♂; Ohře below Loket (5842), 24. vi. 1999, 1 ♂; all PC, NMP; **Bohemia sept.**: Ohře, Hrdly (5550), 26. viii. 1957, 1 ♂, KN, Nov.; Jizera, Přišovice (5456), 6. vii. 1991, 1 ♂; PC, NMP; Bukovec SE Jizerka (LT) (5158), 3. viii. 1999, 1 ♂, FK, NMP; **Bohemia c.**: [Praha-] Štvanice (5952), 17. viii. 1889, 1 ♂ (as *H. pellucidula* in Klapálek 1890); 3. vi. [18]90, 2 ♂; N. Hütt [Nová Huť S Nižbor] (6050), 3 ♂ (as *H. pellucidula* in Klapálek 1891) [O. Nickerl leg.]; Jarov, 2 ♂ (as *H. pellucidula* in Klapálek 1892) [O. Nickerl leg.]; [Praha-] Karlov (5952), 3. ix. [19]15, 20. viii. [19]16, 23. viii. [19]16, 24. vi. [19]17, 9. viii. [19]17, 6 ♂, Dr. Klička [leg.]; [Praha-] Bubeneč (5852), 24. v. 1918, 1 ♂; Neveklov (6253), 16. vii. [19]18, 1 ♂; all Klap.-NMP; Sázava, Pikovice (6152), 3. ix. 1958, 1 ♂, J. Sýkora leg., NMP; brook, Žloukovice (5949), 23. v. 1960, 1 ♂; Berounka, Žloukovice nr. Nižbor (5949), 30. viii. 1960, 1 ♂; all KN, Nov.; Kamýk [nad Vltavou] (6351), 10. vii. 1960, 1 ♂, JZ, Nov.; Praha - Ruzyně (LT) (5951), 2. ix. 1979, 1 ♂, IN, Nov.; Berounka, Srbsko

(6050), 25. iv. 1989, 3 ♂; 23. vi. 1989, 2 ♂; Loděnice above confluence with Berounka (6050), 16. v. 1990, 1 ♂; Vltava, Praha - Strnady (6052), 24. vii. 1991, 1 ♂; all PC, NMP; Praha - Strnady (6052), 12. ix. 1991, 1 ♂, PK, NMP; Šachetský pot., Praha - Radotín (6052), 21. vii. 1992, 1 ♂; Sázava, Kamenný Přívoz (6153), 8. v. 1993, 3 ♂; all PC, NMP; Týřovice (LT) (6048), 3. vi. 1994, 3 ♂; 3. viii. 1994, 2 ♂; 12. viii. 1994, 1 ♂; 19. viii. 1994, 9 ♂; all KN, Nov.; Petrov (6152), 16. v. 1998, 1 ♂, FK, NMP; **Bohemia mer.:** Písek (6650) [viii. 1902], 1 ♂ (as *H. pellucidula* in Klapálek 1903) [A. Krejčí leg.], Klap.-NMP; Malše, Kaplice (7252), 26. v. 1959, 3 ♂; Smutná, Bechyně (6652), 29. v. 1959, 1 ♂; 25. ix. 1959, 1 ♂; Židova strouha, Bechyně (6652), 24. viii. 1959, 1 ♂; Otava, Písek (6750), 23. vii. 1959, 2 ♂; Otava, Zátaví (6750), 29. viii. 1959, 3 ♂; all KN, Nov.; Horská Kvilda (LT) (6947), 2. -4. viii. 1974, 3 ♂, K. Spitzer leg., Nov.; Otava, Rabí (6747), 12. vi. 1992, 1 ♂, PC, NMP; Čepice nr. Rabí (6747), 23. vii. 1992, 2 ♂, PK, NMP; Černiš (LT) (7052), 20. viii. 1996, 7 ♂; 22. viii. 1996, 1 ♂; 24. viii. 1996, 3 ♂; 11. vi. 1997, 1 ♂; 16. vi. 1997, 1 ♂; 21. viii. 1997, 3 ♂; 23. viii. 1997, 6 ♂; 26. viii. 1997, 7 ♂; all KSJJ, Nov.; České Budějovice - Haklový Dvory (LT) (6952), 25. vii. 1994, 1 ♂; 2. viii. 1996, 1 ♂; 10. viii. 1996, 2 ♂; 11. viii. 1996, 2 ♂; 22. viii. 1996, 1 ♂; 29. ix. 1996, 1 ♂; 9. vii. 1997, 1 ♂; 20. viii. 1997, 5 ♂; all KN, Nov.; **Bohemia or.:** D. [Divoká] Orlice, Pastviny, 23. vii. [18]88, 1 ♂; P. [pot.] Nekořský, 16. ix. 1889, 1 ♂ (as *H. pellucidula* in Klapálek 1890); T. [Tichá] Orlice, [Jablonné nad Orlicí], 19. ix. 1889, 1 ♂ (as *H. pellucidula* in Klapálek 1890); all Klap.-NMP; Havlíčkův Brod env. (6359), 15. vi. 1959, 14 ♂, E. Křelinová leg., Nov.; Divoká Orlice, Zemská brána (5865), 14. viii. 1995, 1 ♂, PC, NMP; Sopotnice (LT) (5964), 1. viii. 1997, 5 ♂, JH, NMP; Sopotnice, Pod Horou (LT) (5964), 6. viii. 1998, 44 ♂, Josef Hájek leg., NMP; Doubrava, Třemošnice (6159), 19. v. 1999, 1 ♂; Chrudimka above Svídnice (6160), 21. v. 1999, 4 ♂; all PC, NMP; Labe, Dvůr Králové nad Labem - Verdek (5560), 31. viii. 1999, 1 ♂, E. Stuchlík leg., NMP; **Moravia mer.:** Mohelno (6863), 10. vii. 1963, 7 ♂, JZ, Nov.; Strachotín (LT) (7065), 20. -21. vii. 1979, 5 ♂ (as *H. pellucidula* /partim/ in Obr 1984), VB, MMB; NPR Radostínské rašeliniště (LT) (6361), 14. -18. vi. 1996, 1 ♂, J. Šumpich leg., NMP; Hnanice (LT) (7161), 9. -12. vi. 1997, 1 ♂; 5. viii. 1997, 1 ♂; 1. ix. 1997, 1 ♂; all JM, NMP; Nový Hrádek (LT) (7161), 1. vii. 1997, 1 ♂, FK, NMP; Šobes NW Hnanice (LT) (7161), 28. v. 1998, 2 ♂, V. Švihla leg., NMP; Šobes NW Hnanice (LT) (7161), 11. ix. 1998, 11 ♂, JH, NMP; **Slovakia occ.:** Dunaj [Danube R.], Bratislava - Devín (7867-68), 18. v. 1992, 4 ♂, PC, NMP; **Slovakia c.:** brook, Zázrivá (6780), 19. vi. 1963, 1 ♂; Kysuca nr. Raková (6578), 20. viii. 1963, 2 ♂; all KN, Nov.; Ružomberok (LT) (6981), 4. vii. 1992, 7 ♂; Likavka above Likavka (6981), 4. vii. 1992, 1 ♂; all PC, NMP; **Slovakia or.:** Poprad, Forbasy (6789), 25. vii. 1961, 1 ♂; Ondava, Svidník (6695), 27. vii. 1961, 1 ♂; Dunajec, Lysá nad Dunajcom (6588), 12. vii. 1967, 2 ♂; all KN, Nov.; Ublianka below Ubl'a (7100), 16. vii. 1990, 1 ♂ (as *H. pellucidula* in Chvojka 1993); Cirocha above Snina (7099), 20. vii. 1990, 1 ♂ (as *H. pellucidula* in Chvojka 1993); all PC, NMP.

This species was described from Central Europe recently (Pitsch 1993b), here it is formally published from the Czech and Slovak Republics for the first time - in fact, most data on *H. pellucidula* from former Czechoslovakia refer to *H. incognita*.

Hydropsyche instabilis (CURTIS, 1834)

Material examined: **Bohemia sept.:** Vápenný vrch S Raspenava (LT) (5156), 9. viii. 1999, 2 ♂, FK, NMP; **Bohemia c.:** Praha -

Ruzyně (LT) (5951), 20. vi. 1979, 13 ♂; 12. vi. 1980, 18 ♂; 25. vii. 1980, 20 ♂; 28. vii. 1982, 2 ♂; 10. viii. 1982, 1 ♂; all IN, Nov.; Šarecký pot. and its right tributary, Praha - Divoká Šárka (5951), 28. vii. 1990, 2 ♂, PC, NMP; Týřovice (LT) (6048), 25. vii. 1994, 3 ♂, KN, Nov.; **Bohemia mer.:** Horská Kvilda (LT) (6947), 3. ix. 1973, 2 ♂, K. Spitzer leg., Nov.; Černiš (LT) (7052), 6. vii. 1981, 1 ♂; 3. vii. 1992, 1 ♂; all KSJJ, Nov.; České Budějovice - Haklový Dvory (LT) (6952), 2. viii. 1988, 1 ♂, KN, Nov.; Blanice, Spálenec (7049), 14. viii. 1988, 2 ♂, PC, NMP; Mrtvý luh, Volary (7149), 17. viii. 1989, 4 ♂; Mrtvý luh, Dobrá (LT) (7149), 13. viii. 1991, 2 ♂; all JZ, Nov.; Červené Blato, Šalmanovice (LT) (7154), 13. vii. 1995, 1 ♂, KSJJ, Nov.; **Bohemia or.:** P. [pot.] Orlička - J[ablonné nad Orlicí] (5965), 16. vii. 1888, 1 ♂; T. [Tichá] Orlice, J[ablonné nad Orlicí] (5965), 16. viii. [18]90, 1 ♂; all Klap.-NMP; Divoká Orlice, Zemská brána (5865), 7. vii. 1994, 1 ♂ 10 larvae; 14. viii. 1995, 28 ♂; Bělá (420 m a. s. l.) (5763), 17. viii. 1995, 3 ♂; 22. vii. 1996, 1 ♂; 19. viii. 1996, 1 ♂; all PC, NMP; Sopotnice (LT) (5964), 1. viii. 1997, 4 ♂, JH, NMP; Sopotnice, Pod Horou (LT) (5964), 6. viii. 1998, 14 ♂, Josef Hájek leg., NMP; Divoká Orlice, Nekoř (5965), 14. vii. 1998, 1 ♂; Zlatý pot., Třemošnice (6159), 20. vii. 1998, 1 ♂; Lovětiný pot. (6159), 20. vii. 1998, 1 ♂; Doubrava between Bílek and Libice nad Doubravou (6260), 21. vii. 1998, 8 ♂; Chrudimka, Krkanka (6160), 22. vii. 1998, 8 ♂; right tributary of Okrouhlický pot. nr. Trpišov (6160), 1. vii. 1999, 1 ♂; all PC, NMP; Rokytník env. Hronov (5462), 26. vii. 1999, 1 ♂, J. Ježek leg., NMP; **Moravia sept.:** Silesia, Bruntál - Dívčí Hrad, forester's house (LT), 12. viii. 1964, 6 ♂ (*H. instabilis* /partim/ in Obr 1984), J. Knoz leg., MMB; **Moravia mer.:** Strachotín (LT) (7065), 20. -21. vii. 1979, 2 ♂ (as *H. pellucidula* /partim/ in Obr 1984), VB, MMB; Hardegská vyhlídka S Čížov (LT) (7161), 24. viii. 1999, 7 ♂, FK, NMP; **Slovakia c.:** Vadičovský pot., Lopusné Pažite (6778-79), 18. vi. 1963, 1 ♂; Žamovica, Horná Šubňa (7179), 27. vii. 1962, 3 ♂; Kvačianka, Kvačany (6883), 30. vii. 1962, 1 ♂; brook, Košeca (6975), 2. x. 1962, 1 ♂; Jelšovec, Karlová (7079), 19. vi. 1963, 1 ♂; Pružinka, Visolaje (6976), 27. viii. 1963, 3 ♂; all KN, Nov.; **Slovakia or.:** Laborec nr. Medzilaborce (6797), 24. vi. 1961, 1 ♂; brook, Spišská Belá (6788), 11. vii. 1967, 1 ♂; brook, Spišské Hanušovce (6688), 12. vii. 1967, 1 ♂; brook, Červený Kláštor (6688), 12. vii. 1967, 1 ♂; all KN, Nov.; Ulička above Ulič (7000), 15. vii. 1990, 1 ♂ pupa, PC, NMP.

H. instabilis was listed together with *H. fulvipes* from former Czechoslovakia (Novák and Obr 1977) because old records were doubtful. This widespread species was later proved from all regions (e. g. Obr 1984; Nógrádi and Uherkovich 1987; Novák 1989, 1996).

Hydropsyche modesta NAVÁS, 1925

Material examined: **Moravia mer.:** Strachotín (LT) (7065), 7. -8. viii. 1978, 3 ♂ (as *H. ornatula* /partim/ in Obr 1984), VB, MMB; Tvrdonice (LT) (7267), 15. v. 1992, 1 ♂, PK, NMP; Havraníky (LT) (7161), 12. vi. 1997, 1 ♂, JM, NMP; Valtice env. (LT) (7266), 26. viii. 1999, 1 ♂, FK, NMP; **Slovakia occ.:** Závod nr. Malacky (LT) (7468), 4. . 5. viii. 1978, 1 ♂ (as *H. ornatula* /partim/ in Obr 1984), VB, SNMB; Dunaj [Danube R.], Bratislava - Devín (7867-68), 18. v. 1992, 1 ♂; Ipeľ, Šahy (7979), 5. vii. 1992, 2 ♂; all PC, NMP; Jurský Šúr (LT) (7769), 4. vi. 1996, 1 ♂; 26. vi. 1996, 1 ♂, J. Lukáš leg. et coll.; branch of the Dunaj [Danube R.] SW Bodíky (LT) (8070), 29. vii. 1999, 1 ♂, PC, NMP; **Slovakia or.:** Myslina, Poruba pod Vihorlatom (7198), 22. vi. 1961, 1 ♂, KN, Nov.

This species was not included in the former checklist (Novák and Obr 1977), the records (based above all on larvae) were published from southwestern Slovakia and southern Moravia later (Pomichal 1986; Sukop 1990; Adamek and Sukop 1992; Košel 1994; Zahradková, Fiala and Zahradka 1995; Ellexová 1998 (all as *H. dissimulata*); Krno, Bulánková and Halgoš 1994; Sedlák 1999). The species is widely distributed in South Europe and Asia Minor (Malicky 1977; Pitsch 1993a), in the Czech Republic, it was recorded only from southeastern Moravia.

Hydropsyche nervosa KLAPÁLEK, 1899

This species was listed from Slovakia (Mayer 1939a; Novák and Obr 1977) on the basis of old dubious records (Mocsáry 1899; Pazsiczky 1914); for instance, *Hydropsyche* specimens collected by Pazsiczky in Trenčín (Trencsén) were identified as *H. contubernalis* by Nógrádi (1988). In addition, Klapálek's original description of *H. nervosa* from Bosnia is inexplicit, type specimens from Bosnia are probably lost (Tobias 1972) and *H. nervosa* is a nomen dubium. For these reasons, the species is deleted from the list of Slovak caddisflies.

Hydropsyche ornatula McLACHLAN, 1878

H. ornatula was mentioned together with *H. guttata* in Novák and Obr (1977) from former Czechoslovakia, however, the published records of *H. ornatula* from Moravia and Slovakia (e. g. Pazsiczky 1914; Mayer 1936b, 1937, 1938a, 1938b; Petruška 1956; Obr 1969b, 1984) date back to the period before the revision of the *guttata* group (Malicky 1977) when identification was not reliable. This species was not confirmed from Moravia and Slovakia later and it is not included in the updated checklist.

H. ornatula is widely distributed but rare in southeastern Europe (Malicky 1977; Kumanski 1985). In Central Europe, it is known from southern Austria (Malicky 1999a), Hungary (Uherkovich and Nógrádi 1992), and Poland (Malicky 1977, Szczyński 1991) so its occurrence in Slovakia is possible.

Hydropsyche pellucidula (CURTIS, 1834)

Material examined: **Bohemia occ.:** confluence of Sázek and Lužní pot. (5840), 23. v. 1990, 1 ♂; Ohře below Královské Poříčí (5842), 1. vi. 1993, 1 ♂; brook S Loket (5842), 28. vii. 1994, 1 ♂; Ohře, Dasnice (5841), 20. v. 1998, 1 ♂; all PC, NMP; Ohře below Loket (5842), 29. v. 1998, 1 ♂, J. Ježek leg., NMP; Ohře above Karlovy Vary (5742), 5. viii. 1998, 1 ♂, PC, NMP; **Bohemia sept.:** Hradčanské ryb. (5354), 8. viii. 1992, 2 ♂, J. Liška leg., NMP; Vápenný vrch S Raspenava (LT) (5156), 9. viii. 1999, 1 ♂, FK, NMP; **Bohemia c.:** Jiřina (5854), 29. v. [18]92, 1 ♂; St. [Stará] Boleslav (5854), viii. [19]08, 1 ♂, Uzel [leg.]; all Klap.-NMP; Praha - Ruzyně (LT) (5951), 19. ix. 1979, 1 ♂, IN, Nov.; Týřovice (LT) (6048), 3. viii. 1994, 1 ♂; 19. viii. 1994, 1 ♂; all KN, Nov.; **Bohemia mer.:** Jind[řichův] Hrad[ec] (6855-56), 1 ♂ [L. Duda leg.]; Třeboň [Zlatá Stoka] (6954), 18. viii. [18]95, 1 ♂; all Klap.-NMP; Malše, Kaplice (7252), 26. v. 1959, 1 ♂, KN, Nov.; Červené Blato, Šalmanovice (LT) (7154), 26. vii. 1994, 7 ♂; 28.-30. vi. 1994, 22 ♂; 11.-13. vii. 1995, 13 ♂; 26.-28. vii. 1995, 11 ♂; 29. vii. 1997, 1 ♂; Černiš (LT) (7052), 20. viii. 1996, 1 ♂; 16. vi. 1997, 1 ♂; all KSJJ, Nov.; České Budějovice - Haklovy Dvory (LT) (6952), 1. ix. 1996, 1 ♂; 11. ix. 1996, 1 ♂; 30. viii. 1997, 1 ♂; Třeboň (6954), 13. vi.

1997, 1 ♂; 22. vi. 1997 2 ♂; all KN, Nov.; **Bohemia or.:** Libice [nad Doubravou] (6260), 27. vii. [19]01, 1 ♂, Klap.-NMP; Hradec Králové (LT) (5861), 5. viii. 1997, 2 ♂; Černá stráň, Bělečko (LT) (5861), 7. viii. 1997, 11 ♂; all JH, NMP; **Moravia mer.:** Třeštice, Třešť (6658), 26. v. 1960, 1 ♂; Vepřovský nový ryb., Vepřová (6361), 22. vi. 1960, 1 ♂; all KN, Nov.; Mohelno (6863), 10. vii. 1963, 1 ♂, JZ, Nov.; Strachotín (LT) (7065), 20.-21. vii. 1979, 3 ♂, VB, MMB; Hnanice (LT) (7161), 9.-12. vi. 1997, 1 ♂; Havraníky (LT) (7161), 12. vi. 1997, 1 ♂; Hardeggská vyhlídka S Čížov (LT) (7161), 2. ix. 1997, 1 ♂; all JM, NMP; Nový Hrádek (7161), 1. vii. 1997, 1 ♂, FK, NMP.

H. pellucidula was frequently reported from all parts of the Czech Republic and Slovakia but these data are irrelevant due to the separation of a new species, *H. incognita*, recently (Pitsch 1993b). Reexamination of the Czech and Slovak material revealed that *H. pellucidula* is less frequent in the Czech Republic than *H. incognita*, the same result was also obtained from Austria (Malicky 1999a). Occurrence of *H. pellucidula*, although possible, was not confirmed from Slovakia and this species is not included in the appended list of Slovak Trichoptera.

Hydropsyche saxonica McLACHLAN, 1884

Material examined: **Bohemia occ.:** Kralovický pot. (6047), 22. vi. 1956, 2 ♂, KN, Nov.; gutter 1.5 km NE Lomnice (5741), 26. vii. 1994, 2 ♂; 27. vi. 1995, 1 ♂; all PC, NMP; **Bohemia c.:** [pot., Praha -] Cibulka (5952), 8. v. 1889, 3 ♂; [pot., Praha -] Cibulka - Pr. (5952), 17., 18. viii. 1889, 2 ♂; [Praha -] Radotín (6052), 10. v. [18]91, 2 ♂; all Klap.-NMP; brook, Mlékovice (6056), 25. v. 1960, 1 ♂, KN, Nov.; Praha - Ruzyně (LT) (5951), 2. ix. 1979, 1 ♂, IN, Nov.; Budňanský pot. above Karlštejn (6051), 25. v. 1989, 4 ♂; Šárecký pot., Praha - Divoká Šárka (5951), 28. vii. 1990, 1 ♂; left tributary of Pisnický pot., Praha - Písnice (5952), 17. vii. 1991, 1 ♂; Radotínský pot., Praha - Radotín (6052), 21. vii. 1992, 1 ♂; Šárecký pot., Praha - Dolní Šárka (5852), 12. v. 1993, 1 ♂; all PC, NMP; **Bohemia mer.:** Závěšinský pot., Bezdědovice (6549), 21. v. 1956, 6 ♂; 4. v. 1961, 1 ♂; brook, Solná Lhota (6948), 27. v. 1959, 1 ♂; brook, Smědeč (7050), 27. viii. 1959, 1 ♂; all KN, Nov.; Bolíkovský pot., Dolní Bolíkov (6958), 1. v. 2000, 1 ♂, PC, NMP; **Bohemia or.:** Hrádek [W Ústí nad Orlicí] (6064), 2. vi. [18]88, 2 ♂; Cerekvice [nad Loučnou] (60-6163), 18. viii. [18]90, 1 ♂; P. [pot.], Bořitov (5965), 18. v. [1]891, 1 ♂; all Klap.-NMP; brook nr. Krouna (6262), 29. v. 1958, 1 ♂; brook nr. Barchov (6060), 30. v. 1958, 1 ♂; Chrudim - Markovice (6060), 9. vii. 1958, 1 ♂; brook, Peleštrov (6359), 31. viii. 1960, 1 ♂; all KN, Nov.; Metuje above Velké Petrovice (5463), 23. v. 1997, 1 ♂, PC, NMP; Sopotnice, Pod Horou (LT) (5964), 6. viii. 1998, 2 ♂, Josef Hájek leg., NMP; Slavický pot. nr. Trpišov (6160), 1. vii. 1999, 1 ♂, PC, NMP; **Moravia mer.:** brook nr. Jimramov (6363), 29. v. 1958, 2 ♂; Nové Dvory (6559), 2. ix. 1960, 2 ♂; all KN, Nov.; Strachotín (LT) (7065), 30.-31. v. 1979, 2 ♂, VB, MMB; Hardeggská vyhlídka S Čížov (LT) (7161), 2. ix. 1997, 1 ♂, JM, NMP; **Slovakia occ.:** Lúka NE Piešťany (LT) (7373), 8. vii. 1991, 1 ♂, PK, NMP; **Slovakia c.:** Poprad, Vyšné Hágy (6886), 26. vi. 1961, 1 ♂, KN, Nov.; Prosečianka, Prosiek (6883), 14. viii. 1961, 1 ♂, J. Sýkora leg., NMP; Kysuca, Raková (6578), 26. vii. 1962, 1 ♂; Žarnovica, Horná Štubňa (7179), 21. viii. 1963, 2 ♂; Petruška, Parížovce (6883), 23. viii. 1963, 2 ♂; Zázrivka, Zázrivá (6780), 6. vii. 1967, 2 ♂; all KN, Nov.; **Slovakia or.:** Čierny pot., Kamienska (6689), 23. v. 1961, 1 ♂; Sveržovo Kamene, Sveržov (6693), 21. vi. 1961, 1 ♂; outlet of Morské oko lake (7099), 25. vi. 1961,

1 ♂; brook nr. Dubová (7094), 27. vii. 1961, 1 ♂; all KN, Nov. Widespread and common European species.

Hydropsyche silfvenii ULMER, 1906

Material examined: **Bohemia or.**: Divoká Orlice, Orlické Záhoří (5764), 21. vi. 1995, 2 ♂; Divoká Orlice, Nová Ves (5765), 8. vii. 1994, 2 ♂; 21. vi. 1995, 3 ♂; all PC, NMP.

In the Czech Republic, this boreoalpine species was known only from southern Bohemia (Šumava Mts., Novohradské hory Mts.) (Sýkora 1957, 1960; Novák 1958, 1971, 1996; Obr 1984) so far. New records are from eastern Bohemia (Orlické hory Mts.) from the Divoká Orlice River. The river forms the border between the Czech Republic and Poland in this stretch and these records represent also the first ones of *H. silfvenii* from Poland at the same time.

Hydropsyche siltalai DÖHLER, 1963

Material examined: **Bohemia occ.**: brook S Loket (5842), 28. vii. 1994, 1 ♂; Antonín dump SW Sokolov (YPT) (5841), 26. vi. 1995, 1 ♂; Libava above confluence with Ohře (5841), 7. viii. 1998, 1 ♂; all PC, NMP; **Bohemia sept.**: Vápenný vrch S Raspenava (LT) (5156), 9. viii. 1999, 17 ♂, FK, NMP; **Bohemia c.**: Klejnárka, Čáslav (6058), 9. vii. 1958, 1 ♂; Strupinský pot., Hředle (6149), 20. vi. 1960, 1 ♂; all KN, Nov.; Praha - Ruzyně (LT), (5951), 12. vi. 1980, 1 ♂; 25. vii. 1980, 1 ♂; 10. vii. 1981, 1 ♂; 22. vii. 1982, 1 ♂; 4. viii. 1982, 1 ♂; all IN, Nov.; **Bohemia mer.**: Semice nr. Písek (LT) (6751), 27. vii. 1970, 2 ♂, FK, MMB; Písek (LT) (6650), 29. vi. 1967, 4 ♂ (as *H. fulvipes* in Obr 1984), FK, MMB; Dobrá (LT) (7148), 11. ix. 1970, 5 ♂ (as *H. fulvipes* in Obr 1984), FK, SNMB; Horní Planá (LT) (7250), 27. vii. 1988, 1 ♂; České Budějovice - Haklový Dvory (LT) (6952), 6. viii. 1988, 1 ♂; 15. vii. 1991, 1 ♂; all KN, Nov.; Černiš (LT) (7052), 10. viii. 1988, 1 ♂; 1. vii. 1992, 2 ♂; 2. vii. 1994, 1 ♂; 27. vii. 1995, 1 ♂; 24. vii. 1997, 1 ♂; 23. viii. 1997, 1 ♂; all KSJJ, Nov.; Mrtvý luh, Dobrá (LT) (7149), 13. viii. 1991, 15 ♂; 22. viii. 1991, 6 ♂; all JZ, Nov.; Červené Blato, Šalmanovice (LT) (7154), 28. vi. 1994, 2 ♂; 11. -13. vii. 1995, 1 ♂; 26. -28. vii. 1995, 6 ♂; 24. -26. vi. 1997, 1 ♂; all KSJJ, Nov.; **Bohemia or.**: Chrudim - Markovice (6060), 9. vii. 1958, 1 ♂; Tichá Orlice, Mladkov (5965), 24. vii. 1958, 1 ♂; Borovský pot., Žižkovo Pole (6360), 22. vi. 1960, 1 ♂; all KN, Nov.; Divoká Orlice, Zemská brána (5865), 7. vii. 1994, 1 ♂; Bělá (420 m a. s. l.) (5763), 17. viii. 1995, 1 ♂; all PC, NMP; Sopotnice (LT) (5964), 1. viii. 1997, 6 ♂; Hradec Králové (LT) (5861), 5. viii. 1997, 8 ♂; all JH, NMP; Doubrava below Bílek (6260), 21. vii. 1998, 7 ♂, PC, NMP; Sopotnice, Pod Horou (LT) (5964), 6. viii. 1998, 53 ♂, Josef Hájek leg., NMP; Chrudimka, Mezišvítí (6160), 2. vii. 1999, 3 ♂, PC, NMP; **Moravia sept.**: Silesia, Bruntál - Dívčí Hrad, forester's house (LT), 12. viii. 1964, 5 ♂ (as *H. instabilis* /partim/ in Obr 1984), J. Knoz leg., MMB; **Moravia mer.**: Strachotín (LT) (7065), 20. -21. vii. 1979, 1 ♂ (as *H. pellucidula* /partim/ in Obr 1984), VB, MMB; Mohelno (LT) (6863), 27. viii. 1990, 7 ♂, FK, NMP; Hnanice (LT) (7161), 4. -5. viii. 1997, 12 ♂; 1. ix. 1997, 6 ♂; Hardegská vyhlídka S Čížov (LT) (7161), 2. ix. 1997, 1 ♂; all JM, NMP; Šobes NW Hnanice (LT) (7161), 11. ix. 1998, 3 ♂, JH, NMP.

H. siltalai was listed only from Moravia (Novák and Obr 1977) and mentioned also from Bohemia later (Novák 1989, 1993, 1996; Obr 1984). Recent reexamination of collections has revealed that this is rather common species in the Czech Republic.

Hydropsyche tenuis NAVÁS, 1932

Material examined: **Bohemia sept.**: Pančava (LT) (5259), 22. -28. vi. 1994, 5 ♂, J. Vaněk leg., Nov.; **Bohemia mer.**: Eisenstein [Železná Ruda, Jezerní pot.] (6845), 30. vii. [19]02, 2 ♂ (as *H. saxonica* in Klapálek 1903) Klap.-NMP; Rokytská slať (LT) (7046), 19. -22. vii. 1988, 1 ♂, KSJJ, Nov.; Jezerní slať (LT) (6947), 24. vii. 1991, 1 ♂, JZ, Nov.; **Bohemia or.**: Bělá (420 m a. s. l.) (5763), 22. vi. 1995, 1 ♂, PC, NMP.

New species for the Czech Republic. This species occurs in the Alps and the Mittelgebirge (Pitsch 1993a).

Polycentropodidae

Plectrocnemia brevis McLACHLAN, 1871

Material examined: **Bohemia c.**: spring area W Praha - Radotín (6052), 21. vii. 1992, 1 ♀, PC, NMP; **Bohemia or.**: NPR Trčkov (MT) (5664), 18. vii. - 5. viii. 1994, 1 ♂, Josef Hájek et M. Vašek leg., NMP; left tributary of Bělá from Malý Uhřínov (5763), 22. viii. 1994, 1 ♂; Liberský pot., Kačerov (5764), 25. viii. 1994, 1 ♀; Staré Hutě, brooklet (650 m a. s. l.) (5764), 22. vi. 1995, 1 ♂; left tributary of Bělá from Pičberk (5763), 17. viii. 1995, 1 ♀; brooklet SE Horní Bradlo (6260), 1 ♀; spring area NE Lhotka SE Třemošnice (6159), 30. vi. 1999, 1 ♂ 1 ♀; all PC, NMP.

New species for Bohemia. This species is distributed in Central and southern Europe (Kumanski 1985), it was listed only from Slovakia in Novák and Obr (1977) and recorded from southern Moravia by Sedlák (1999).

Plectrocnemia geniculata McLACHLAN, 1871

P. geniculata was listed from Bohemia, Moravia, and Slovakia (Novák and Obr 1977). Records from Slovakia are based only on larval identifications (Mayer 1935, 1936b; Balthasar 1936; Obr 1955; Krno et al. 1996) which we do not consider very reliable. This species is not known from the adjacent parts of the Polish Carpathians (Szczęsny 1986) and Hungary (Uherkovich and Nógrádi 1992) and its occurrence in Slovakia should be confirmed by collections of adults. Until that time the species is omitted from the list of the Slovak Trichoptera.

Brachycentridae

Micrasema setiferum (PICTET, 1834)

Material examined: **Bohemia mer.**: Černiš (LT) (7052), 15. v. 1981, 13 ♀, KSJJ, Nov.; **Bohemia or.**: T[Tichá] Orlice - J[Jablonné nad Orlicí] (5965), 17. v. 1891, 4 ♂ 2 ♀ (as *M. minimum* in Klapálek 1892); Libice [Doubrava, Libice nad Doubravou] (6260), 20. v. [19]02, 3 ♂ 2 ♀; 18. v. [19]03, 1 ♂; all Klap.-NMP.

This species is distributed in Europe and was also listed from all parts of former Czechoslovakia (Novák and Obr 1977). However, the distribution in Bohemia, Moravia, and Slovakia is insufficiently known - adults were mentioned only in several publications (sometimes also under synonym *M. nigrum* BRAUER) (Klapálek 1903; Pongrácz 1914; Šámal 1920b; Fekete 1926; Mayer 1938b; Novák and Obr 1966; Botosaneanu 1974; Novák 1996), in addition reliability of the former identifications is disputable (some specimens from examined collec-

tions labeled as “*setiferum*” belong to *M. minimum*). Other published records from Moravia are based only on larval identifications (cf. Obr 1969b, 1976). During reexamination of the museum collections only a few samples of *M. setiferum* were discovered.

Limnephilidae

Apatania muliebris McLACHLAN, 1866

Material examined: **Bohemia or.**: Sv. Antonín [spring W Nedošín] (6163), 23., 24. ix. 1888, 3 ♀, Klap.-NMP.

The only data about occurrence of *A. muliebris* in Bohemia were published by Klapálek (1889, 1890) from the spring in the Nedošinský háj wood near Litomyšl. This record was considered doubtful by Novák and Obr (1977) but after examination of voucher specimens from Klapálek's collection (NMP) occurrence of this species was proved. During repeated investigation of Klapálek's locality in eastern Bohemia no *Apatania* specimens (either adults or larvae) were discovered and there are not any records of *A. muliebris* from the Czech Republic from the 20th century.

Drusus biguttatus (PICTET, 1834)

Material examined: **Bohemia mer.**: Mrtvý luh (LT) (7149), 7. vii. 1967, 1 ♂, FK, MMB.

Occurrence of this species in Bohemia was considered dubious (Novák 1996), after reexamination of Obr's collection (MMB) *D. biguttatus* was corroborated from Bohemia.

Anabolia STEPHENS, 1837

A. furcata, *A. laevis* ZETT., and *A. nervosa* are frequently mentioned from the territory of former Czechoslovakia. Unfortunately, part of these data, above all in hydrobiological studies, are misidentifications. *A. nervosa* is a west European species (Mey 1982), it occurs only in southwestern Bohemia and it is excluded from the list of Moravian and Slovak Trichoptera. Remaining part of Bohemia, Moravia (including Silesia), and Slovakia are populated by widespread and common *A. furcata*. The range of *A. laevis* is in northern Europe (Mey 1982) and this species was not proved either from the Czech Republic or from Slovakia.

Asynarchus lapponicus (ZETTERSTEDT, 1840)

The only record from Slovakia (Nógrádi and Uherkovich 1987) originates from the confusion with *Anabolia brevipennis* (Nógrádi and Uherkovich, pers. comm.) and *A. lapponicus* is excluded from the list of Slovak caddisflies.

Limnephilus borealis (ZETTERSTEDT, 1840)

This species was reported from former Czechoslovakia on the basis of one male collected in southern Bohemia (Obr 1984). However, this specimen (Bohemia mer., Semice nr. Písek (LT) (6751), 20. ix. 1970, FK, MMB) belongs to *L. subcentralis* and *L. borealis* is excluded from the list of Czech caddisflies.

Limnephilus coenosus CURTIS, 1834

Material examined: **Moravia sept.**: peat bogs W Vozka (1200 m a. s. l.) (5868), 11. vii. 1999, 1 ♀ 1 larva; pool S Sušina (5867),

4 larvae (1 ♀ ex larva), 5. vii. 2000; peat bog between Sušina and Černá kupa (1290 m a. s. l.) (5867), 7. vii. 2000, 2 ♂ 2 ♀; all PC, NMP.

Common and widespread species in higher elevation of Bohemia and Slovakia, for the first time published from Moravia.

Limnephilus elegans CURTIS, 1834

Material examined: **Bohemia c.**: Praha - Ruzyně (LT) (5951), 1 ♂, IN, Nov.; **Bohemia mer.**: Červené Blato, Šalmanovice (7154), 30. vi. 1990, 3 ♂ 1 ♀, FK, NMP; Červené Blato, Šalmanovice (LT) (7154), v. -vii. 1989-1997, 160 ♂ 15 ♀, KSJJ, Nov.; **Moravia mer.**: NPR Radostinské rašeliníště (LT) (6361), 9. -13. vi. 1996, 1 ♂; 14. -18. vi. 1996, 3 ♂; all J. Šumpich leg., NMP.

New species for the Czech Republic. This species occurs in Central and northern Europe and Siberia (Botosaneanu and Malicky 1978).

Limnephilus flavospinosus (STEIN, 1874)

There are no published records of this species from former Czechoslovakia. Stein (1874) described *Stenophylax flavospinosus* from Greece in his paper about caddisflies of the Jeseníky Mts. (Altvatergebirge), northern Moravia and *L. flavospinosus* was listed for Moravia (Novák and Obr 1977) probably by a mistake. The species is deleted from the list of Czech caddisflies (cf. also Obr 1976).

Limnephilus germanus McLACHLAN, 1875

Material examined: **Bohemia c.**: Pšovka below Vojtěchov (5553), 9. ix. 1999, 3 ♂, PC, NMP.

New species for the Czech Republic. This species is distributed in Central and northern Europe (Botosaneanu and Malicky 1978), in Central Europe known from Austria (Malicky 1999a), Germany (Klima et al. 1994), and Poland (Szczęśny 1991).

Limnephilus marmoratus CURTIS, 1834

This species was listed only from Moravia (Novák and Obr 1977) on the basis of larval material (Libosvářský 1955; Losos and Marvan 1957; Obr 1969a). However, former larval identifications of *Limnephilus* species are not credible and it is necessary to confirm the occurrence of *L. marmoratus* in the Czech Republic by collections of adults, until that time it is excluded from the list of Czech Trichoptera.

Acrophylax vernalis DZIĘDZIELEWICZ, 1912

Material examined: **Bohemia or.**: Morava (1100 m a. s. l.) (5867), 6. v. 2000, 1 ♂, I. Sivec leg., NMP.

New species for the Czech Republic - this is the first record outside the Carpathians. This species was known only from the North and East Carpathians so far, the westernmost record was from the Babia Góra Mt. (Szczęśny 1986).

Allogamus mendax (McLACHLAN, 1876)

This species was reported from Bohemia and Slovakia by Novák and Obr (1977) on the basis of old published records (Klapálek 1894; Mayer 1936b, 1939b) but these data are misidentifications of related species - *A. uncatus* and *A. starmachi*. The range of *A. mendax* is in the West Alps (Botosaneanu and Malicky 1978) and it is excluded from the lists of Czech and Slovak caddisflies.

***Chionophylax czarnohoricus* (DZIĘDZIELEWICZ, 1911)**

This species, endemics of the East Carpathians, was published from Slovakia (the High Tatra Mts.) by Mayer (1936b) but his record is considered to be a misidentification (Szczęsny 1986) and *C. czarnohoricus* is excluded from the list of caddisflies of Slovakia.

***Halesus rubricollis* (PICTET, 1834)**

Material examined: **Moravia sept.**: Malá Morávka - Karlov pod Pradědem (LT) (5969), 13. -14. vi. 1999, 4♂ 1♀, P. Baláž leg., NMP.

Species was reported only from Bohemia and Slovakia by Novák and Obr (1977), new findings from Moravia are presented here.

***Halesus ruficollis* (PICTET, 1834)**

This species was listed as dubious in the former checklist (Novák and Obr 1977). These data are based on old records (Klapálek 1892, 1903), but Klapálek's specimens (females) from the Krkonoše and Šumava Mts. were identified as *H. rubricollis* now.

***Potamophylax carpathicus* (DZIĘDZIELEWICZ, 1912)**

Material examined: **Moravia mer.**: Vápenky W Velká Javořina (7171), 7. vi. 1997, 1♂, JZ leg. et coll.; **Slovakia c.**: brook, Kastanie [nr. Kolárovice] (6777), 30. v. 1962, 1♀; 18. vi. 1963, 1♀; all KN, Nov.

New species for the Czech and Slovak Republics. This species is endemic to the North and East Carpathians (Szczęsny 1986).

***Potamophylax cingulatus* (STEPHENS, 1837)**

***Potamophylax latipennis* (CURTIS, 1834)**

Both species were not distinguished in the former edition of the checklist (Novák and Obr 1977) because earlier published

data are doubtful due to frequent misidentifications and nomenclatural changes. Both species are common in running waters in the Czech and Slovak Republics, *P. cingulatus* prefers upper sections of streams, *P. latipennis* is more frequent in lower reaches of streams but both species often occur together (Pitsch 1993a). Several subspecies of *P. cingulatus* have been recognized recently (Moretti, Szczęsny and Tobias 1994), three of them occur in the Czech Republic (Fig. 2). *P. c. cingulatus* (STEPHENS, 1837) was found in northern part of country (some specimens from the easternmost populations (NE Bohemia, Moravia) bear aedeagus with dorsal membranous area in the middle and with rather pointed apical lobes). *P. c. alpinus* TOBIAS, 1994 occurs in southern part of the Czech Republic, while *P. c. depilis* SZCZĘSNY, 1994 was found only in the Carpathians in eastern Moravia. *P. c. depilis* is the only subspecies proved from Slovakia.

***Potamophylax millenii* (KLAPÁLEK, 1898)**

This species was listed from Slovakia (Mayer 1939a; Novák and Obr 1977) according to the old data from the Tatras (Pongrácz 1914). However, this record, based probably on misidentification of *P. carpathicus*, is doubtful, *P. millenii* occurs in the South Carpathians and the Banat Mts. (Ciubuc 1993) and it is deleted from the checklist of Slovak Trichoptera.

***Stenophylax mucronatus* McLACHLAN, 1880**

This species was listed from Bohemia as doubtful in Novák and Obr (1977) on the basis of Klapálek's record from eastern Bohemia (Klapálek 1890). However, Klapálek's specimens (females) deposited in NMP belong to *Micropterna testacea* and *S. mucronatus* is excluded from the list of Czech caddisflies. Also another female from Obr's collection (MMB) from Slova-

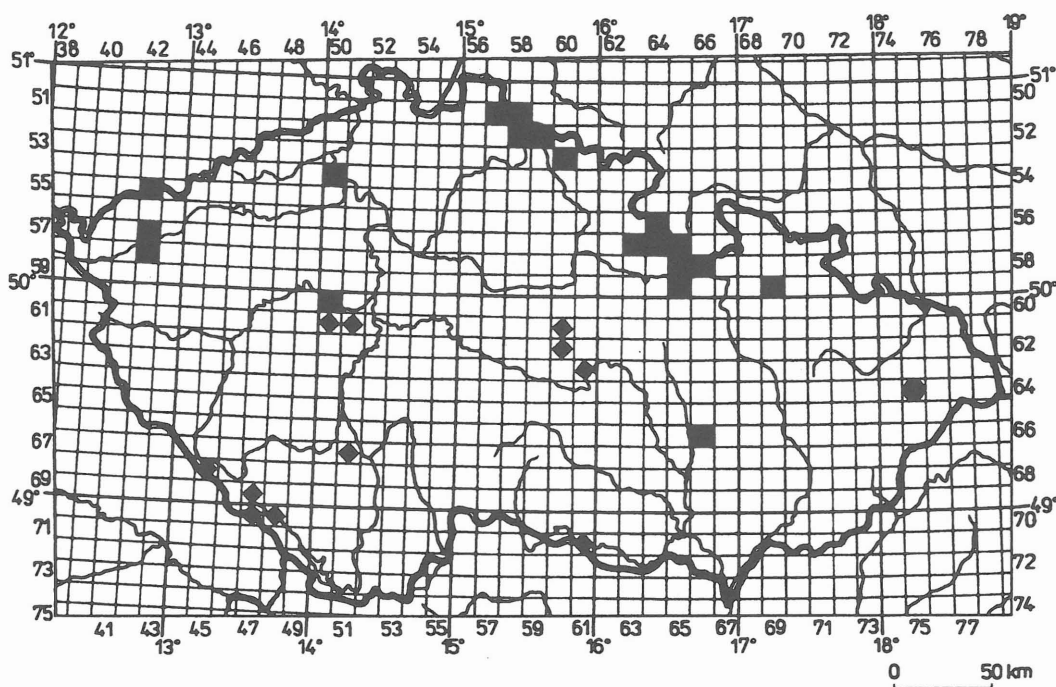


Fig. 2. Distribution of subspecies of *Potamophylax cingulatus* STEPHENS in the Czech Republic (■ - *P. c. cingulatus* STEPHENS, ◆ - *P. c. alpinus* TOBIAS, ● - *P. c. depilis* SZCZĘSNY).

kia (Slovenský Raj, Psie diery, 30. viii. 1975, V. Košel leg.) labeled as *S. mucronatus* is *Micropterna testacea* in the fact.

Leptoceridae

Oecetis testacea (CURTIS, 1834)

Material examined: **Bohemia mer.:** Červené Blato, Šalmanovice (LT) (7154), 28. -30. vi. 1994, 1 ♂, KSJJ; České Budějovice - Haklovy Dvory (LT) (6952), 1. vii. 1997, 1 ♂, KN et JZ; Černiš (LT) (7052), 6. vi. 1998, 1 ♂, KSJJ; all Nov.

This species is very rare in the Czech Republic at present, it has been known from Bohemia only on the basis of old records (Klapálek 1890, 1892, 1897, 1901; Mayer 1936a) so far. Rare species in Central Europe (Szczesny 1992; Uherkovich and Nógrádi 1992; Klima et al. 1994).

Oecetis tripunctata (FABRICIUS, 1793)

Material examined: **Bohemia mer.:** České Budějovice - Haklovy Dvory (LT) (6952), 29. vii. 1998, 1 ♂, KN, Nov.

This very rare species - listed as endangered in Novák (1992) - was known from Bohemia only from Klapálek's records (Klapálek 1891, 1903). *O. tripunctata*, rare species in Central Europe (Szczesny 1992; Klima et al. 1994; Malický 1999a), was recently rediscovered also in Bavaria (Weinzierl 1999).

Ylodes conspersus (RAMBUR, 1842)

This species was listed from Bohemia and Slovakia by Novák and Obr (1977) on the basis of old records. However, the published records from Bohemia (Klapálek 1892, 1897) belong to *Y. simulans* and Slovak records were not proved. *Y. conspersus* occurs in southern Europe and it is excluded from the checklist of both Czech and Slovak Trichoptera.

Ylodes reuteri (McLACHLAN, 1880)

The only finding of this species was reported from Slovakia (Novák and Obr 1966) but the record is doubtful and requires confirmation. The occurrence of this species is not probable in Slovakia and *Y. reuteri* is excluded from the checklist.

Ylodes simulans (TJEDER, 1929)

Material examined: **Bohemia c.,** Čelákovice (5854), 21. vi. 1891, 2 ♂; **Bohemia mer.,** Třeboň (69-7054), 15. viii. [18]94, 1 ♂; 24. vii. [18]95, 2 ♂ 2 ♀; 5. vii. [18]96, 1 ♂; 21. vii. [18]96, 3 ♂ 1 ♀; 1. vii. [18]98, 1 ♂, (all as *Triaenodes conspersa* in Klapálek 1892, 1897); all Klap.-NMP.

This species is for the first time proved from the Czech Republic.

Beraeidae

Beraea maurus (CURTIS, 1834)

Material examined: **Moravia sept.:** brooklet W Hynčice p. Sušinou (5867), 5. vii. 2000, 2 ♀, PC, NMP.

This species is recorded from Moravia for the first time.

Ernodes articularis (PICTET, 1834)

Material examined: **Bohemia c.:** spring area NW Slapy (6152), 20. vi. 1990, 18 ♂ 4 ♀, PC, NMP; **Bohemia or.:** spring area along Říčka stream 2 km S Říčky (5864), 8. vii. 1994, 1 ♀; Liberský pot., Kačerov (5764), 9. vii. 1994, 1 ♂; left tributary of Bělá NW Malý Uhřínov (5763), 10. vii. 1995, 1 ♂ 2 ♀; 22. vii. 1996, 1 ♂ 4 ♀; left tributary of Bělá W Pičberk (5763), 11. vii. 1995, 4 ♂; brooklet 1 km NNW Olešnice v Orlických horách (5663), 12. vii. 1995, 3 ♂ 14 ♀; brook, Ruské údolí (650 m a. s. l.) (5663), 12. vii. 1995, 2 ♂ 4 ♀; right tributary of Zdobnice E Přím (5864), 13. vii. 1995, 5 ♂ 19 ♀; right tributary of Zdobnice NE Přím (5864), 13. vii. 1995, 28 ♂ 2 ♀; brooklet E Běstvina (6159), 21. vii. 1996, 1 ♀; 30. vi. 1999, 18 ♂ 8 ♀; source, NE slope of Polom (6260), 29. vi. 1999, 1 ♂ 1 ♀; spring area NE Lhotka SE Třemošnice (6159), 30. vi. 1999, 5 ♂; spring area NE Běstvina (6159), 30. vi. 1999, 27 ♂ 10 ♀; all PC, NMP.

This European species is recorded in Bohemia for the first time; it was mentioned by Sedlák (1999) from single locality in southern Moravia, former data from NE Moravia (Silesia) are based on larval identification only (Straškraba 1966).

Ernodes vicinus (McLACHLAN, 1879)

Material examined: **Bohemia or.:** spring area SE Machovská Lhota (550 m a. s. l.) (5563), 15. vii. 1998, 2 ♂ 1 ♀, PC, NMP.

New species for the fauna of the Czech Republic. This is a rather rare Central European species.

Acknowledgements

We are grateful to all colleagues who gave us valuable material for our study. We also thank Dr. V. Janský and Dr. I. Okáli (SNMB), Dr. P. Lauterer (MMB), and Dr. J. Lukáš (Department of Ecology, Comenius University, Bratislava) for making Trichoptera collections under their care available to us. We are indebted to Dr. S. Nógrádi and Dr. Á. Uherkovich (Janus Pannonius Museum, Pécs) and Dr. I. Krno (Department of Ecology, Comenius University, Bratislava) for their important information on Slovak caddisflies. We thank also relevant authorities of the nature conservancy for permission to collect in protected areas and reserves and the staff of the Administration of the Protected Landscape Areas for their help in the field collections. We wish to thank Dr. J. Jelínek (NMP) for reviewing the manuscript and offering valuable advice. This study was supported by the grant VZ F02/98: NMP M00001 from the Ministry of Culture of the Czech Republic (to P. Chvojka) and the project No. S 5007015 by the Grant Agency of the Academy of Science, Czech Republic and project No. 206/99/0405 by the Grant Agency of the Czech Republic (to K. Novák).

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DODATKY A OPRAVY K SEZNAMU CHROSTÍKŮ (TRICHOPTERA, INSECTA) ČESKÉ A SLOVENSKÉ REPUBLIKY

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V práci jsou uvedeny nové nálezy chrostků pro faunu Čech, Moravy (včetně Slezska) a Slovenska získané při studiu nových sběrů i staršího sbírkového materiálu. Současně jsou opraveny některé údaje z předcházejícího vydání seznamu chrostků (Novák a Obr 1977). Tyto změny jsou založeny na kritickém posouzení dříve publikovaných nálezů a jsou podloženy studiem dokla-

dového materiálu a současnými znalostmi rozšíření jednotlivých druhů. Dále je shrnuto rozšíření druhů z těch rodů a druhových skupin, kde často docházelo k chybným determinacím a historické údaje nejsou spolehlivé. Připojeny jsou rovněž nové nálezy vzácných druhů chrostíků z území České republiky a Slovenska. Všechny ověřené a věrohodné údaje o výskytu jednotlivých druhů chrostíků na území Čech, Moravy a Slovenska jsou shrnuty v doplněném a upraveném seznamu. Z České republiky je v současné době známo 247 druhů (242 z Čech a 192 z Moravy) a ze Slovenské republiky 218 druhů chrostíků.

APPENDIX

Checklist of Czech (B - Bohemia, M - Moravia, incl. Silesia) and Slovak (S) Trichoptera

Rhyacophilidae

<i>Rhyacophila dorsalis</i> (Curtis, 1834)	B	S
<i>Rhyacophila evoluta</i> McLachlan, 1879	B	
<i>Rhyacophila fasciata</i> Hagen, 1859	B	M S
<i>Rhyacophila glareosa</i> McLachlan, 1867	B	S
<i>Rhyacophila hirticornis</i> McLachlan, 1879	B	
<i>Rhyacophila laevis</i> Pictet, 1834		S
<i>Rhyacophila mocsaryi</i> Klapálek, 1898		M S
<i>Rhyacophila nubila</i> (Zetterstedt, 1840)	B	M S
<i>Rhyacophila obliterata</i> McLachlan, 1863	B	M S
<i>Rhyacophila pascoei</i> McLachlan, 1879	B	S
<i>Rhyacophila philopotamoides</i> McLachlan, 1879	B	M S
<i>Rhyacophila polonica</i> McLachlan, 1879	B	M S
<i>Rhyacophila praemorsa</i> McLachlan, 1879	B	
<i>Rhyacophila pubescens</i> Pictet, 1834	B	S
<i>Rhyacophila torrentium</i> Pictet, 1834	B	M
<i>Rhyacophila tristis</i> Pictet, 1834	B	M S
<i>Rhyacophila vulgaris</i> Pictet, 1834	B	M S

Glossosomatidae

<i>Agapetus delicatulus</i> McLachlan, 1884	B	M S
<i>Agapetus fuscipes</i> Curtis, 1834	B	M S
<i>Agapetus laniger</i> (Pictet, 1834)	B	M S
<i>Agapetus ochripes</i> Curtis, 1834	B	M S
<i>Glossosoma boltoni</i> Curtis, 1834	B	M S
<i>Glossosoma conformis</i> Neboiss, 1963	B	M S
<i>Glossosoma intermedium</i> (Klapálek, 1892)	B	M S
<i>Synagapetus armatus</i> (McLachlan, 1879)		S
<i>Synagapetus iridipennis</i> McLachlan, 1879	B	M S
<i>Synagapetus moselyi</i> (Ulmer, 1938)	B	M S

Hydroptilidae

<i>Agraylea multipunctata</i> Curtis, 1834	B	M
<i>Agraylea sexmaculata</i> Curtis, 1834	B	M S
<i>Allotrichia pallicornis</i> (Eaton, 1873)	B	S
<i>Hydroptila angulata</i> Mosely, 1922	B	
<i>Hydroptila angustata</i> Mosely, 1939	B	
<i>Hydroptila forcipata</i> (Eaton, 1873)	B	M S
<i>Hydroptila lotensis</i> Mosely, 1930		S
<i>Hydroptila martini</i> Marshall, 1977	B	S
<i>Hydroptila occulta</i> (Eaton, 1873)	B	S
<i>Hydroptila pulchricornis</i> Pictet, 1834	B	M
<i>Hydroptila simulans</i> Mosely, 1920	B	
<i>Hydroptila sparsa</i> Curtis, 1834	B	M S

<i>Hydroptila taurica</i> Martynov, 1934		B
<i>Hydroptila tineoides</i> Dalman, 1819		B S
<i>Hydroptila valesiaca</i> Schmid, 1947		B S
<i>Hydroptila vectis</i> Curtis, 1834		B M S
<i>Ithytrichia lamellaris</i> Eaton, 1873		B M S
<i>Orthotrichia angustella</i> (McLachlan, 1865)		B S
<i>Orthotrichia costalis</i> (Curtis, 1834)		B M S
<i>Orthotrichia tragetti</i> Mosely, 1930		B S
<i>Oxyethira falcata</i> Morton, 1893		B S
<i>Oxyethira flavicornis</i> (Pictet, 1834)		B M S
<i>Oxyethira frici</i> Klapálek, 1891		B
<i>Oxyethira simplex</i> Ris, 1897		B
<i>Oxyethira tristella</i> Klapálek, 1895		B
<i>Ptilocolepus granulatus</i> (Pictet, 1834)		B
<i>Tricholeiochiton fagesii</i> (Guinard, 1879)		B M

Philopotamidae

<i>Chimarra marginata</i> (Linnaeus, 1767)		B M S
<i>Philopotamus ludificatus</i> McLachlan, 1878		B M S
<i>Philopotamus montanus</i> (Donovan, 1813)		B M S
<i>Philopotamus variegatus</i> (Scopoli, 1763)		B M S
<i>Wormaldia copiosa</i> (McLachlan, 1868)		B S
<i>Wormaldia occipitalis</i> (Pictet, 1834)		B M S
<i>Wormaldia pulla</i> (McLachlan, 1878)		B M S
<i>Wormaldia subnigra</i> McLachlan, 1865		B M

Hydropsychidae

<i>Cheumatopsyche lepida</i> (Pictet, 1834)		B M S
<i>Hydropsyche angustipennis</i> (Curtis, 1834)		B M S
<i>Hydropsyche botosaneanui</i> Marinković -Gospodnetić, 1966		B
<i>Hydropsyche bulbifera</i> McLachlan, 1878		B M S
<i>Hydropsyche bulgaromanorum</i> Malicky, 1977		B M S
<i>Hydropsyche contubernalis</i> McLachlan, 1865		B M S
<i>Hydropsyche dinarica</i> Marinković -Gospodnetić, 1979		B
<i>Hydropsyche exocellata</i> Dufour, 1841		B S
<i>Hydropsyche fulvipes</i> (Curtis, 1834)		B S
<i>Hydropsyche guttata</i> Pictet, 1834		B
<i>Hydropsyche incognita</i> Pitsch, 1993		B M S
<i>Hydropsyche instabilis</i> (Curtis, 1834)		B M S
<i>Hydropsyche modesta</i> Navás, 1925		M S
<i>Hydropsyche pellucidula</i> (Curtis, 1834)		B M
<i>Hydropsyche saxonica</i> McLachlan, 1884		B M S
<i>Hydropsyche silfvenii</i> Ulmer, 1906		B S
<i>Hydropsyche siltalai</i> Döhler, 1963 Navás, 1932		B M B

Polycentropodidae

<i>Cyrnus crenaticornis</i> (Kolenati, 1859)		B M S
<i>Cyrnus flavidus</i> McLachlan, 1864		B M S
<i>Cyrnus insolutus</i> McLachlan, 1878		B
<i>Cyrnus trimaculatus</i> (Curtis, 1834)		B M S
<i>Holocentropus dubius</i> (Rambur, 1842)		B M S
<i>Holocentropus picicornis</i> (Stephens, 1836)		B M S
<i>Holocentropus stagnalis</i> (Albarda, 1874)		B M S
<i>Neureclipsis bimaculata</i> (Linnaeus, 1758)		B M S
<i>Plectrocnemia brevis</i> McLachlan, 1871		B M S
<i>Plectrocnemia conspersa</i> (Curtis, 1834)		B M S
<i>Plectrocnemia geniculata</i> McLachlan, 1871		B M
<i>Polycentropus excisus</i> Klapálek, 1894		S

<i>Polycentropus flavomaculatus</i> (Pictet, 1834)	B M S	<i>Anabolia brevipennis</i> (Curtis, 1834)	B M S
<i>Polycentropus irroratus</i> (Curtis, 1835)	B M S	<i>Anabolia furcata</i> Brauer, 1857	B M S
<i>Polycentropus schmidi</i> Novák et Botosaneanu, 1965	S	<i>Anabolia nervosa</i> (Curtis, 1834)	B
Psychomyiidae		<i>Glyphotaelius pellucidus</i> (Retzius, 1783)	B M S
<i>Lype phaeopa</i> (Stephens, 1836)	B M S	<i>Grammotaulius nigropunctatus</i> (Retzius, 1783)	B M S
<i>Lype reducta</i> (Hagen, 1868)	B M S	<i>Grammotaulius nitidus</i> (Müller, 1764)	B M S
<i>Psychomyia pusilla</i> (Fabricius, 1781)	B M S	<i>Limnephilus affinis</i> Curtis, 1834	B M S
<i>Tinodes dives</i> (Pictet, 1834)	B S	<i>Limnephilus algosus</i> (McLachlan, 1868)	B S
<i>Tinodes kimminsi</i> Sýkora, 1962	B S	<i>Limnephilus auricula</i> Curtis, 1834	B M S
<i>Tinodes maclachlani</i> Kimmins, 1966	B	<i>Limnephilus binotatus</i> Curtis, 1834	B M S
<i>Tinodes pallidulus</i> McLachlan, 1878	B M S	<i>Limnephilus bipunctatus</i> Curtis, 1834	B M S
<i>Tinodes rostocki</i> McLachlan, 1878	B M S	<i>Limnephilus centralis</i> Curtis, 1834	B M S
<i>Tinodes unicolor</i> (Pictet, 1834)	B M S	<i>Limnephilus coenosus</i> Curtis, 1834	B M S
<i>Tinodes waeneri</i> (Linnaeus, 1758)	B M S	<i>Limnephilus decipiens</i> (Kolenati, 1848)	B M S
Ecnomidae		<i>Limnephilus elegans</i> Curtis, 1834	B M
<i>Ecnomus tenellus</i> (Rambur, 1842)	B M S	<i>Limnephilus extricatus</i> McLachlan, 1865	B M S
Phryganeidae		<i>Limnephilus flavicornis</i> (Fabricius, 1787)	B M S
<i>Agrypnia obsoleta</i> (McLachlan, 1865)	B M S	<i>Limnephilus fuscicornis</i> Rambur, 1842	B M S
<i>Agrypnia pagetana</i> Curtis, 1835	B M S	<i>Limnephilus germanus</i> McLachlan, 1875	B
<i>Agrypnia varia</i> (Fabricius, 1793)	B S	<i>Limnephilus griseus</i> (Linnaeus, 1758)	B M S
<i>Hagenella clathrata</i> (Kolenati, 1848)	B M	<i>Limnephilus hirsutus</i> (Pictet, 1834)	B M S
<i>Oligostomis reticulata</i> (Linnaeus, 1761)	B M S	<i>Limnephilus ignavus</i> McLachlan, 1865	B M S
<i>Oligotricha striata</i> (Linnaeus, 1758)	B M S	<i>Limnephilus incisus</i> Curtis, 1834	B M
<i>Phryganea bipunctata</i> Retzius, 1783	B M S	<i>Limnephilus lunatus</i> Curtis, 1834	B M S
<i>Phryganea grandis</i> Linnaeus, 1758	B M S	<i>Limnephilus nigriceps</i> (Zetterstedt, 1840)	B M S
<i>Trichostegia minor</i> (Curtis, 1834)	B M S	<i>Limnephilus politus</i> McLachlan, 1865	B M S
Brachycentridae		<i>Limnephilus rhombicus</i> (Linnaeus, 1758)	B M S
<i>Brachycentrus maculatus</i> (Fourcroy, 1785)	B M S	<i>Limnephilus sericeus</i> (Say, 1824)	B S
<i>Brachycentrus montanus</i> Klapálek, 1892	B M S	<i>Limnephilus sparsus</i> Curtis, 1834	B M S
<i>Brachycentrus subnubilus</i> Curtis, 1834	B M S	<i>Limnephilus stigma</i> Curtis, 1834	B M S
<i>Micrasema longulum</i> McLachlan, 1876	B M	<i>Limnephilus subcentralis</i> Brauer, 1857	B M
<i>Micrasema minimum</i> McLachlan, 1876	B M S	<i>Limnephilus vittatus</i> (Fabricius, 1798)	B M S
<i>Micrasema setiferum</i> (Pictet, 1834)	B M S	<i>Nemotaulius punctatolineatus</i> (Retzius, 1783)	B
Limnephilidae		<i>Rhadicoleptus alpestris</i> (Kolenati, 1848)	B M S
Apataniinae		Limnephilinae: Chaetopterygini	
<i>Apatania carpathica</i> Schmid, 1954	S	<i>Annitella obscurata</i> (McLachlan, 1876)	B M S
<i>Apatania fimbriata</i> (Pictet, 1834)	B M S	<i>Annitella thuringica</i> (Ulmer, 1909)	B M S
<i>Apatania muliebris</i> McLachlan, 1866	B	<i>Chaetopterygopsis maclachlani</i> Stein, 1874	B M S
Dicosmoecinae		<i>Chaetopteryx fusca</i> Brauer, 1857	S
<i>Ironoquia dubia</i> (Stephens, 1837)	B M S	<i>Chaetopteryx major</i> McLachlan, 1876	B M
Drusinae		<i>Chaetopteryx polonica</i> Dziedzielewicz, 1889	M S
<i>Anomalopterygella chauviniana</i> (Stein, 1874)	B M	<i>Chaetopteryx subradiata</i> Klapálek, 1907	S
<i>Drusus annulatus</i> (Stephens, 1837)	B M S	<i>Chaetopteryx villosa</i> (Fabricius, 1798)	B M S
<i>Drusus biguttatus</i> (Pictet, 1834)	B M S	<i>Pseudopsilopteryx zimmeri</i> (McLachlan, 1876)	B M S
<i>Drusus brunneus</i> Klapálek, 1898	S	<i>Psilopteryx psorosa</i> (Kolenati, 1860)	B M S
<i>Drusus carpathicus</i> Dziedzielewicz, 1911	S	Limnephilinae: Stenophylacini	
<i>Drusus discolor</i> (Rambur, 1842)	B M S	<i>Acrophylax vernalis</i> Dziedzielewicz, 1912	B S
<i>Drusus monticola</i> McLachlan, 1876	S	<i>Acrophylax zerberus</i> Brauer, 1867	B S
<i>Drusus trifidus</i> (McLachlan, 1868)	B M S	<i>Allogamus auricollis</i> (Pictet, 1834)	B M S
<i>Ecclisopteryx dalecarlica</i> Kolenati, 1848	B M S	<i>Allogamus starmachi</i> Szczyński, 1967	S
<i>Ecclisopteryx guttulata</i> (Pictet, 1834)	B	<i>Allogamus uncatus</i> (Brauer, 1857)	B M S
<i>Ecclisopteryx madida</i> (McLachlan, 1867)	B M S	<i>Halesus digitatus</i> (Schrank, 1781)	B M S
Limnephilinae: Limnephilini		<i>Halesus radiatus</i> (Curtis, 1834)	B M S
		<i>Halesus rubricollis</i> (Pictet, 1834)	B M S
		<i>Halesus tessellatus</i> (Rambur, 1842)	B M S
		<i>Hydatophylax infumatus</i> (McLachlan, 1865)	B M S
		<i>Isogamus aequalis</i> (Klapálek, 1907)	S
		<i>Melampophylax nepos</i> (McLachlan, 1880)	B M S
		<i>Micropterna lateralis</i> (Stephens, 1837)	B M S

<i>Micropterna nycterobia</i> McLachlan, 1875	B M S
<i>Micropterna sequax</i> McLachlan, 1875	B M S
<i>Micropterna testacea</i> (Gmelin, 1789)	B M S
<i>Parachiona picicornis</i> (Pictet, 1834)	B M S
<i>Potamophylax carpathicus</i> Dziędzielewicz, 1912	M S
<i>Potamophylax cingulatus</i> (Stephens, 1837)	B M S
<i>Potamophylax latipennis</i> (Curtis, 1834)	B M S
<i>Potamophylax luctuosus</i> (Piller et Mitterpacher, 1783)	B M S
<i>Potamophylax nigricornis</i> (Pictet, 1834)	B M S
<i>Potamophylax rotundipennis</i> (Brauer, 1857)	B M S
<i>Stenophylax permistus</i> McLachlan, 1895	B M S
<i>Stenophylax vibex</i> (Curtis, 1834)	B M S

Goeridae

<i>Goera pilosa</i> (Fabricius, 1775)	B M S
<i>Lithax niger</i> (Hagen, 1859)	B M S
<i>Lithax obscurus</i> (Hagen, 1859)	B M S
<i>Silo nigricornis</i> (Pictet, 1834)	B M S
<i>Silo pallipes</i> (Fabricius, 1781)	B M S
<i>Silo piceus</i> (Brauer, 1857)	B M S

Lepidostomatidae

<i>Crunoecia irrorata</i> (Curtis, 1834)	B M S
<i>Lasiocephala basalis</i> (Kolenati, 1848)	B M S
<i>Lepidostoma hirtum</i> (Fabricius, 1775)	B M S

Leptoceridae

<i>Adicella filicornis</i> (Pictet, 1834)	B M S
<i>Adicella reducta</i> (McLachlan, 1865)	B S
<i>Athripsodes albifrons</i> (Linnaeus, 1758)	B M S
<i>Athripsodes aterrimus</i> (Stephens, 1836)	B M S
<i>Athripsodes bilineatus</i> (Linnaeus, 1758)	B M S
<i>Athripsodes cinereus</i> (Curtis, 1834)	B M S
<i>Athripsodes commutatus</i> (Rostock, 1874)	B M S
<i>Athripsodes leucophaeus</i> (Rambur, 1842)	B M
<i>Ceraclea alboguttata</i> (Hagen, 1860)	B M S
<i>Ceraclea annulicornis</i> (Stephens, 1836)	B M S
<i>Ceraclea dissimilis</i> (Stephens, 1836)	B M S
<i>Ceraclea fulva</i> (Rambur, 1842)	B M S
<i>Ceraclea nigronevosa</i> (Retzius, 1783)	B S
<i>Ceraclea riparia</i> (Albarda, 1874)	B S
<i>Ceraclea senilis</i> (Burmeister, 1839)	B M S
<i>Erotosis baltica</i> McLachlan, 1877	B
<i>Leptocerus interruptus</i> (Fabricius, 1775)	B M S
<i>Leptocerus tineiformis</i> Curtis, 1834	B M S
<i>Mystacides azurea</i> (Linnaeus, 1761)	B M S
<i>Mystacides longicornis</i> (Linnaeus, 1758)	B M S
<i>Mystacides nigra</i> (Linnaeus, 1758)	B M S
<i>Oecetis furva</i> (Rambur, 1842)	B M S
<i>Oecetis lacustris</i> (Pictet, 1834)	B M S
<i>Oecetis notata</i> (Rambur, 1842)	B S
<i>Oecetis ochracea</i> (Curtis, 1825)	B M S
<i>Oecetis testacea</i> (Curtis, 1834)	B
<i>Oecetis tripunctata</i> (Fabricius, 1793)	B S
<i>Paroecetis struckii</i> (Klapálek, 1903)	B M
<i>Setodes punctatus</i> (Fabricius, 1793)	B M S
<i>Setodes viridis</i> (Fourcroy, 1785)	B S
<i>Triaenodes bicolor</i> (Curtis, 1834)	B M S
<i>Ylodes simulans</i> (Tjeder, 1929)	B M S

Sericostomatidae

<i>Notidobia ciliaris</i> (Linnaeus, 1761)	B M S
<i>Oecismus monedula</i> (Hagen, 1859)	B M S
<i>Sericostoma personatum</i> (Spence, 1826)	B M S
<i>Sericostoma schneiderii</i> (Kolenati, 1848)	B M S
[<i>S. flavicorne</i> auct.]	

Beraeidae

<i>Beraea maurus</i> (Curtis, 1834)	B M S
<i>Beraea pullata</i> (Curtis, 1834)	B M S
<i>Beraeamyia hrabei</i> Mayer, 1937	M S
<i>Beraeodes minutus</i> (Linnaeus, 1761)	B M S
<i>Ernodes articularis</i> (Pictet, 1834)	B M S
<i>Ernodes vicinus</i> (McLachlan, 1879)	B S

Odontoceridae

<i>Odontocerum albicorne</i> (Scopoli, 1763)	B M S
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Molannidae

<i>Molanna angustata</i> Curtis, 1834	B M S
<i>Molanna nigra</i> (Zetterstedt, 1840)	B
<i>Molannodes tinctus</i> (Zetterstedt, 1840)	B M S

		<u>242</u> <u>192</u>
Total		247 218