



Biodiversity & Environment

Checklist of some Diptera families of Czechia and Slovakia
Libor Dvořák (ed.)

Volume 17

Special issue

Prešov 2025

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Recommended citation

Entire special issue: Dvořák L, ed. 2025. Checklist of some Diptera families of Czechia and Slovakia. Prešov: University of Prešov, Faculty of Humanities and Natural Sciences, Biodiversity & Environment 17 (Special issue): 149 pp.

Individual contribution: Bitušík P, Chamutiová T, Syrovátka V, Brabec K, Hamerlík L. 2025. Updated Checklist of the Chironomidae Newman, 1834 (Diptera) of Czechia and Slovakia. In: Dvořák L, ed. Checklist of some Diptera families of Czechia and Slovakia. Biodiversity & Environment 17 (Special issue): 68–79.

This special issue presents an updated checklist of selected Diptera families occurring in Czechia and Slovakia, prepared by a team of specialists under the editorship of Libor Dvořák. It continues the series of faunistic summaries published in Biodiversity & Environment.

Updated Checklist of the Chironomidae Newman, 1834 (Diptera) of Czechia and Slovakia

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Abstract

This contribution updates the chironomid fauna of Czechia and Slovakia (Bitušík & Brabec 2009). A total of 501 species are known currently from both countries. The checklist includes 374 species from Czechia and 406 species from Slovakia. Considering the historical division of Czechia into regions, 292 species have been recorded in Bohemia and 259 in Moravia. References are included only for records published since 2009, when the last checklist was compiled. Despite significant progress in recent decades, the overall understanding of the Chironomidae family in both countries can be considered moderately good but still requires further study.

Key words: non-biting midges, faunistics, biodiversity, Bohemia, Moravia, Slovakia, new records

Introduction

Adult Chironomidae are small to medium-sized flies (1–10 mm long), with sexual dimorphism in the morphology of the antennae, wings, and abdomen. Eyes dichoptic, ommatidia sometimes with microtrichia between them ('hairy' eyes). Functional mandibles generally absent, remaining elements of the mouthparts present. Legs long and slender. Terminalia not inverted.

The larvae are elongate, cylindrical, 1–30 mm long, with well-developed, sclerotized, non-retractile prognathous head, paired parapods with apical claws situated on the first thoracic and terminal abdominal segments, although variable fusions and/or reductions occur. There are usually two pairs of anal tubules behind and between the posterior parapods and paired procerci each with a tuft of setae on terminal abdominal segment (Cranston 1995a).

The general shape of the pupa is similar to that of many aquatic nematoceros families. The morphology of the thoracic horns (respiratory organs), armature of abdominal tergites and sternites (distribution patterns of spines, spinules, and hooklets), and features of the terminal abdominal segments are important identification characters (Langton 1995).

The family Chironomidae is the most ubiquitous group of free-living holometabolous insects, found in all zoogeographic regions and all climatic zones, from the tropics to the polar regions, including Antarctica (Ashe & O'Connor 2009). In this respect, chironomids are exceeded only by a few species of collembolans and mites (Cranston 1995b). In their immature stages, most species inhabit various types of freshwater, although some species thrive in brackish water and intertidal pools, while a few are truly marine. Semi-terrestrial and fully terrestrial species are also known (Sæther et al. 2000).

Among aquatic insects, Chironomidae can withstand an extremely wide range of environmental conditions, including water column depth of up to 1000 m in Lake

Baikal, variations in temperature, pH, and dissolved oxygen, as well as habitat drying. Additionally, they also tolerate wide gradients of human impacts such as pollution, habitat modification and watershed changes (Ferrington 2008 and references therein). The recent discovery of a true cave species, *Troglocladius hajdi* (Andersen et al. 2016), underline the extraordinary adaptability of chironomids. In most aquatic habitats, they often dominate aquatic insect communities in both abundance, potentially reaching hundreds to thousands of larvae per square meter, and species richness, often approaching 80 or more species and occasionally exceeding 100 species per site (Ferrington 2008).

Chironomid larvae ingest a wide variety of foods, including algae, detritus with associated microorganisms, macrophytes, woody debris, and invertebrates. Adults feed on nectar or honeydew. The basic characteristics of the family are described by Armitage et al. (1995) and Sæther et al. (2000).

Of the estimated more than 10,000 species worldwide (Cranston 1995b), 7290 species across nearly 440 genera and 11 subfamilies have been described to date (Pape et al. 2011). There are considerable regional differences in the knowledge of chironomid faunas, with Western Europe being the most comprehensively studied due to a higher concentration of specialists and longer history of chironomid research compared to other regions.

Methods

The presented checklist of chironomid species is based primarily on the identification of pupal exuviae and adult males. However, some species have been automatically included from the oldest checklist (Ertlová & Lellák 1984) where it is no longer possible to verify which developmental stage was originally identified.

Identification primarily follows the keys of Langton (1991)

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and Langton & Visser (2003) for pupal exuviae, and Cranston et al. (1989) and Langton and Pinder (2007) for adult males. In many cases, more detailed keys were used, including those by Fittkau (1962), Schlee (1968), Lehmann (1972), Hirvenoja (1973), Soponis (1977), Contreras-Lichtenberg (1984), Reiss & Säwedal (1981), Rossaro et al. (2003), Ekrem (2004), Stur & Ekrem (2006), and others. Species nomenclature and distribution follow Ashe & O'Connor (2009, 2012), Spies & Sæther (2013) and de Jong (2016).

Results and Discussion

The present checklist contains 374 species from Czechia, comprising 292 from Bohemia and 259 from Moravia, as well as 406 species from Slovakia.

Species from seven subfamilies were recorded in Czechia and Slovakia (Figure 1). In both countries, most species belonged to the most speciose subfamilies, Orthocladiinae and Chironominae, followed by Tanypodinae. Slightly more species from each subfamily have been recorded in Slovakia than in Czechia, particularly within the Diamesinae subfamily, which is associated with cold and nutrient-poor waterbodies. This difference is likely due to a combination of greater habitat heterogeneity and higher altitudinal variation in Slovakia's freshwaters (Ružičková et al. 1996). Except for Podonominae, which has not yet been recorded in Moravia, all subfamilies were found in both regions of the Czech Republic.

The previous checklist by Bitušík & Brabec (2009) listed 449 species: 271 from the Czechia (145 from Bohemia, 201 from Moravia), and 384 from Slovakia.

The knowledge of the family has accelerated since the late 1980s, when pupal exuviae and imagines started to be used in studies of the distribution and ecology of chironomids. The progress is evident when comparing older lists, which contained only about 150 species (Ertlová & Lellák 1984; Lellák & Losos 1987), with the checklist from the 1990s listing 327 species (Bitušík & Losos 1997) and the current state of knowledge. Despite the apparent progress, the level of understanding of the family in Slovakia and Czechia, compared to Western European countries with a longer tradition of research and many more specialists, can be considered moderately good.

Recent papers reporting first records of new genera without assigning a species name (Hamerlík et al. 2019), species that occurred only in the past (Jambrović et al. 2023), or undescribed morphotypes (Skála 2024) are not included in the checklist but indicate that our list is not complete, and discovery of additional species can be expected in the region. Moreover, descriptions of entirely new species from extreme habitats (Moubayed-Breil & Bitušík 2019) and first records most likely due to climate change driven invasions (Čerba et al. 2025) also suggests that new records of the family can be anticipated in Slovakia and Czechia.

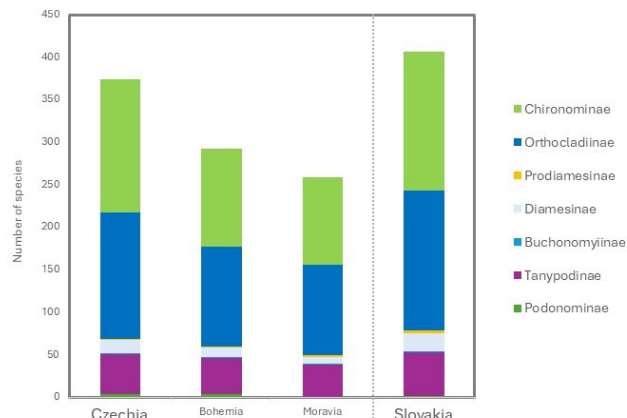


Figure 1. Number of species recorded from each subfamily in Czechia (and its regions, Bohemia and Moravia) and Slovakia.

Checklist

New records since 2009 and nomenclatural changes are in bold, with relevant notes provided at the end of the list.

PODONOMINAE

BOREOCHLINI

Lasiodiamesa Kieffer, 1924

gracilis (Kieffer, 1924) CZ (B) ¹⁾

Paraboreochlus Thienemann, 1939

minutissimus (Strobl, 1894) CZ (B) SK ²⁾

PODONOMINI

Parochlus Enderlein, 1912

kiefferi (Garrett, 1925) CZ (B)

TANYPODINAE

CLINOTANYPODINI

Clinotanypus Kieffer, 1913

nervosus (Meigen, 1818) CZ (B M) SK

TANYPODINI

Tanypus Meigen, 1803

sg. *Tanypus* Meigen, 1803

kraatzii (Kieffer, 1912) CZ (B M) SK

punctipennis Meigen, 1818 CZ (B M) SK

vilipennis (Kieffer, 1918) CZ (B M) SK

PROCLADIINI

Procladius Skuse, 1889

sg. *Holotanypus* Roback, 1982

choreus (Meigen, 1804) CZ (B M) SK

crassinervis Zetterstedt, 1838 CZ (B) ¹⁾

culiciformis (Linnaeus, 1767) CZ (B)

rivulorum (Kieffer, 1913) CZ (B)

sagittalis (Kieffer, 1909) SK

signatus (Zetterstedt, 1850) CZ (B) SK

tatrensis Gowin, 1944 SK ³⁾

sg. *Psilotanypus* Kieffer, 1906

rufovittatus (van der Wulp, 1874) SK

ANATOPYNIINI			<i>Nilotanypus</i> Kieffer, 1923		
<i>Anatopynia</i> Johannsen, 1905			<i>dubius</i> (Meigen, 1804)	CZ (B M)	SK ⁶⁾
<i>plumipes</i> (Fries, 1823)	CZ (B M)	SK ⁴⁾			
MACROPELOPIINI			<i>Paramerina</i> Fittkau, 1962		
<i>Apsectrotanypus</i> Fittkau, 1962			<i>cingulata</i> (Walker, 1856)	CZ (B M)	SK
<i>trifascipennis</i> (Zetterstedt, 1838)	CZ (B M)	SK	<i>divisa</i> (Walker, 1856)	CZ (B)	SK ⁷⁾
<i>Derotanypus</i> Roback, 1971			<i>Pentaneurella</i> Fittkau & Murray, 1983		
<i>sibiricus</i> (Kruglova & Chernovskii, 1940)		SK ⁵⁾	<i>katterjokii</i> Fittkau & Murray, 1983		SK
<i>Macropelopia</i> Thienemann, 1916			<i>Rheopelopia</i> Fittkau, 1962		
<i>adaucta</i> Kieffer, 1916	CZ (B M)	SK	<i>maculipennis</i> (Zetterstedt, 1838)	CZ (B)	SK ⁶⁾
<i>nebulosa</i> (Meigen, 1804)	CZ (B M)	SK	<i>ornata</i> (Meigen, 1838)	CZ (B M)	SK ⁶⁾
<i>notata</i> (Meigen, 1818)	CZ (B M)	SK	<i>Schineriella</i> Murray & Fittkau, 1988		
<i>Psectrotanypus</i> Kieffer, 1909			<i>schineri</i> (Strobl, 1880)		SK ⁸⁾
<i>varius</i> (Fabricius, 1787)	CZ (B M)	SK	<i>Telopelopia</i> Roback, 1971		
NATARSIINI			<i>fascigera</i> (Verneaux, 1970)	CZ (B M)	SK ⁶⁾
<i>Natarsia</i> Fittkau, 1962			<i>Telmatopelopia</i> Fittkau, 1962		
<i>punctata</i> (Fabricius, 1805)	CZ (B M)	SK	<i>nemorum</i> (Goetghebuer, 1921)	CZ (M)	SK
PENTANEURINI			<i>Thienemannimyia</i> Fittkau, 1957		
<i>Ablabesmyia</i> Johannsen 1905			<i>carnea</i> (Fabricius, 1805)	CZ (B M)	SK
<i>longistyla</i> Fittkau, 1962	CZ (B M)	SK ¹⁾	<i>geijkesi</i> (Goetghebuer, 1934)	CZ (M)	SK
<i>monilis</i> (Linnaeus, 1758)	CZ (B M)	SK	<i>laeta</i> (Meigen, 1818)	CZ (B)	SK
<i>phatta</i> (Egger, 1863)	CZ (B)	SK ¹⁾	<i>lentiginosa</i> (Fries, 1823)	CZ (M)	
<i>Arctopelopia</i> Fittkau, 1962			<i>pseudocarnea</i> Murray, 1976	CZ (B M)	SK ¹⁾
<i>barbitarsis</i> (Zetterstedt, 1850)		SK	<i>vitellina</i> (Kieffer, 1916)		SK ⁹⁾
<i>Conchapelopia</i> Fittkau, 1957			<i>Trissopelopia</i> Kieffer, 1923		
<i>hittmairorum</i> Michiels & Spies, 2002	CZ (M)	SK ¹⁾	<i>flavida</i> Kieffer, 1923	CZ (B M)	SK
<i>melanops</i> (Meigen, 1818)	CZ (B M)	SK	<i>longimanus</i> (Staeger, 1839)	CZ (B)	²⁾
<i>pallidula</i> (Meigen, 1818)	CZ (B M)	SK	<i>Xenopelopia</i> Fittkau, 1962		
<i>triannulata</i> (Goetghebuer, 1921)		SK	<i>falcigera</i> (Kieffer, 1911)	CZ (B M)	SK
<i>viator</i> (Kieffer, 1911)	CZ (B M)	¹⁾	<i>Zavrelimyia</i> Fittkau, 1962		
<i>Guttipelopia</i> Fittkau, 1962			<i>barbatipes</i> (Kieffer, 1911)	CZ (B M)	SK ¹⁾
<i>guttipennis</i> (van der Wulp, 1861)	CZ (B M)	SK	<i>hirtimana</i> (Kieffer, 1918)	CZ (B M)	
<i>Hayesomyia</i> Murray & Fittkau, 1986			<i>melanura</i> (Meigen, 1804)	CZ (B M)	SK
<i>tripunctata</i> (Goetghebuer, 1922)	CZ (B M)	SK ^{1), 6)}	<i>nubila</i> (Meigen, 1830)	CZ (B M)	SK ²⁶⁾
<i>Krenopelopia</i> Fittkau, 1962			<i>punctatissima</i> (Goetghebuer, 1934)		SK
<i>binotata</i> (Wiedemann, 1817)	CZ (B M)	SK	<i>signatipennis</i> (Kieffer, 1924)		SK
<i>nigropunctata</i> (Staeger, 1839)	CZ (B)		BUCHONOMYIINAE		
<i>Labrundinia</i> Fittkau, 1962			<i>Buchonomyia</i> Fittkau, 1955		
<i>longipalpis</i> (Goetghebuer, 1921)		SK	<i>thienemanni</i> Fittkau, 1955	CZ (B M)	SK ¹⁰⁾
<i>Larsia</i> Fittkau, 1962			DIAMESINAE		
<i>curticalcar</i> (Kieffer, 1918)	CZ (M)	SK	BOREOHEPTAGYIINI		
<i>Monopelopia</i> Fittkau, 1962			<i>Boreoheptagyia</i> Brundin, 1966		
<i>tenuicalcar</i> (Kieffer, 1918)	CZ (B M)	SK	<i>dasyops</i> Serra-Tosio, 1989	CZ (B)	¹¹⁾
			<i>legeri</i> (Goetghebuer, 1933)	CZ (M)	SK
			<i>monticola</i> (Serra-Tosio, 1964)	CZ (B)	SK ²⁾

DIAMESINI

Diamesa Meigen, 1835sg. *Diamesa* s. str.

<i>bertrami</i> Edwards, 1935	CZ (B)	SK ¹²⁾
<i>bohemani</i> Goetghebuer, 1932	CZ (B)	SK ⁸⁾
<i>cinerella</i> Meigen, 1835		SK
<i>dampfi</i> (Kieffer, 1924)		SK
<i>hamaticornis</i> Kieffer, 1924	CZ (B)	SK ¹³⁾
<i>incallida</i> (Walker, 1856)		SK
<i>insignipes</i> Kieffer, 1908	CZ (B M)	SK ¹⁴⁾
<i>kasymovi</i> Kownacki & Kownacka, 1973		SK
<i>laticauda</i> Serra-Tosio, 1964		SK
<i>latitarsis</i> (Goetghebuer, 1921)	CZ (B)	SK ¹¹⁾
<i>permacra</i> (Walker, 1856)	CZ (M)	SK ¹⁾
<i>starmachi</i> Kownacki & Kownacka, 1970		SK
<i>steinboeckii</i> Goetghebuer, 1933		SK
<i>tonsa</i> (Haliday, 1856)	CZ (B M)	SK
<i>vaillantii</i> Serra-Tosio, 1972		SK

Pothastia Kieffer, 1922

<i>gaedii</i> (Meigen, 1838)	CZ (M)	SK
<i>longimanus</i> Kieffer, 1922	CZ (B M)	SK ¹⁾

Pseudodiamesa Goetghebuer, 1939sg. *Pseudodiamesa* s. str.

<i>branickii</i> (Nowicki, 1873)	CZ (B M)	SK
<i>nivosa</i> (Goetghebuer, 1928)		SK

Pseudokiefferiella Zavrel, 1941

<i>parva</i> (Edwards, 1932)		SK
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Sympothastia Pagast, 1947

<i>zavreli</i> Pagast, 1947	CZ (M)	SK
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Syndiamesa Kieffer, 1918

<i>edwardsi</i> (Pagast, 1947)	CZ (B)	SK ¹¹⁾
<i>hygropetrica</i> (Kieffer, 1909)		SK

PRODIAMESINAE

Monodiamesa Kieffer, 1922

<i>bathyphila</i> (Kieffer, 1918)		SK
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Odontomesa Pagast, 1947

<i>fulva</i> (Kieffer, 1919)	CZ (B M)	SK ¹⁾
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Prodiamesa Kieffer, 1906

<i>olivacea</i> (Meigen, 1818)	CZ (B M)	SK
<i>rufovittata</i> Goetghebuer, 1932		SK

ORTHOCLADIINAE

Acamptocladius Brundin, 1956

<i>reissi</i> Cranston & Sæther, 1981		SK
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Acricotopus Kieffer, 1921

<i>lucens</i> (Zetterstedt, 1850)	CZ (B M)	SK
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Brillia Kieffer, 1913

<i>bifida</i> (Kieffer, 1909)	CZ (B M)	SK
<i>longifurca</i> Kieffer, 1921	CZ (B M)	SK

Bryophaenocladus Thienemann, 1934

<i>furcatus</i> (Kieffer, 1916)	CZ (B)	
<i>musciicola</i> (Kieffer, 1906)		SK
<i>subvernalis</i> (Edwards, 1929)	CZ (M)	SK
<i>tuberculatus</i> (Edwards, 1929)	CZ (B)	

Camptocladius van der Wulp, 1874

<i>stercorarius</i> (De Geer, 1776)	CZ (B)	SK
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Cardiocladius Kieffer, 1912

<i>capucinus</i> (Zetterstedt, 1850)	CZ (B)	SK ⁶⁾
<i>fuscus</i> Kieffer, 1924	CZ (B M)	SK ⁶⁾

Chaetocladius Kieffer, 1911sg. *Chaetocladius* s. str.

<i>bitusiki</i> Moubayed, 2019		SK ¹⁵⁾
<i>dentiforceps</i> (Edwards, 1929)		SK
<i>dissipatus</i> (Edwards, 1929)	CZ (B)	SK
<i>melaleucus</i> (Meigen, 1818)	CZ (B M)	SK ¹⁾
<i>perennis</i> (Meigen, 1830)	CZ (B M)	SK ¹⁾
<i>suecicus</i> (Kieffer, 1916)	CZ (M)	SK

Corynoneura Winnertz, 1846

<i>carriana</i> Edwards, 1924	CZ (M)	SK
<i>celeripes</i> Winnertz, 1852	CZ (B M)	SK
<i>celtica</i> Edwards, 1924	CZ (B M)	SK ¹⁾
<i>gratias</i> Schlee, 1968	CZ (B M)	SK ¹⁾
<i>lacustris</i> Edwards, 1924	CZ (B M)	SK ¹⁾
<i>lobata</i> Edwards, 1924	CZ (B)	SK ¹⁶⁾
<i>scutellata</i> Winnertz, 1846	CZ (B M)	SK ¹⁾

Cricotopus van der Wulp, 1874sg. *Cricotopus* s. str.

<i>albiforceps</i> (Kieffer, 1916)	CZ (B M)	SK ¹⁾
<i>algarum</i> (Kieffer, 1911)	CZ (M)	
<i>annulator</i> Goetghebuer, 1927	CZ (B M)	SK ⁷⁾
<i>beckeri</i> Hirvenoja, 1973		SK
<i>bicinctus</i> (Meigen, 1818)	CZ (B M)	SK ¹⁴⁾
<i>curtus</i> Hirvenoja, 1973	CZ (B)	SK ⁷⁾
<i>ephippium</i> (Zetterstedt, 1838)		SK
<i>festivellus</i> (Kieffer, 1906)	CZ (B)	SK ¹⁾
<i>fuscus</i> (Kieffer, 1909)	CZ (M)	SK
<i>pilosellus</i> Brundin, 1956		SK
<i>polaris</i> Kieffer, 1926		SK
<i>pulchripes</i> Verrall, 1912	CZ (B)	SK ¹⁶⁾
<i>similis</i> Goetghebuer, 1921	CZ (B)	SK ²⁾
<i>tibialis</i> (Meigen, 1804)	CZ (M)	SK
<i>tremulus</i> (Linnaeus, 1758)	CZ (B M)	SK ¹⁾
<i>triannulatus</i> Macquart, 1826	CZ (B M)	SK ⁷⁾
<i>trifascia</i> Edwards, 1929	CZ (B M)	SK ⁶⁾
<i>vierriensis</i> Goetghebuer, 1935	CZ (M)	SK
sg. <i>Isocladius</i> Kieffer, 1909		
<i>brevipalpis</i> Kieffer, 1909	CZ (B M)	

<i>intersectus</i> (Stæger, 1839)	CZ (B M)	SK ⁷⁾	<i>lugubris</i> Fries, 1830	CZ (B M)	SK ¹⁾
<i>ornatus</i> (Meigen, 1818)	CZ (M)	SK	<i>pilipes</i> (Malloch, 1915)		SK
<i>perniger</i> (Zetterstedt, 1850)		SK	<i>rufus</i> (Kieffer, 1923)	CZ (B)	
<i>reversus</i> Hirvenoja, 1973	CZ (M)		<i>spinnatis</i> Sæther, 1976		SK
<i>sylvestris</i> (Fabricius, 1794)	CZ (B M)	SK			
<i>tricinctus</i> (Meigen, 1818)		SK	<i>Krenosmittia</i> Thienemann & Krueger, 1939		
<i>trifasciatus</i> (Meigen, 1810)	CZ (M)	SK	<i>boreoalpina</i> (Goetghebuer, 1944)	CZ (B M)	SK ^{1), 16)}
<i>Diplocladius</i> Kieffer, 1908			<i>camptophleps</i> (Edwards, 1929)	CZ (B)	SK ²⁾
<i>cultriger</i> Kieffer, 1908	CZ (B M)	SK			
<i>Dratnalia</i> Saether & Halvorsen, 1981			<i>Limnophyes</i> Eaton, 1875		
<i>potamophylaxi</i> Fittkau & Lellák, 1971	CZ (M)	SK	<i>asquamatus</i> Sogaard Andersen, 1937		SK
<i>Epoicocladius</i> Sulc & Zavrel, 1924			<i>edwardsi</i> Saether, 1990	CZ (B M)	¹⁾
<i>ephemerae</i> (Kieffer, 1924)	CZ (B M)	SK	<i>gurgicola</i> (Edwards, 1929)	CZ (B)	¹⁶⁾
<i>Eukiefferiella</i> Thienemann, 1926			<i>minimus</i> (Meigen, 1818)	CZ (M)	SK
<i>ancyla</i> Svensson, 1986	CZ (B M)	SK ⁶⁾	<i>ninae</i> Sæther, 1975		SK
<i>brevicalcar</i> (Kieffer, 1911)	CZ (B M)	SK	<i>punctipennis</i> (Goetghebuer, 1919)	CZ (M)	¹⁾
<i>claripennis</i> (Lundbeck, 1898)	CZ (B M)	SK	<i>spinigius</i> Saether, 1990	CZ (B)	¹⁾
<i>clypeata</i> (Kieffer, 1923)	CZ (B M)	SK ⁶⁾			
<i>coerulescens</i> (Kieffer, 1926)	CZ (B M)	SK ¹⁾	<i>Metriocnemus</i> van der Wulp, 1874		
<i>cyanea</i> Thienemann, 1936		SK	sg. <i>Metriocnemus</i> s. str.		
<i>devonica</i> (Edwards, 1929)	CZ (B M)	SK ^{1), 14)}	<i>albolineatus</i> Meigen, 1818	CZ (M)	
<i>dittmari</i> Lehmann, 1972	CZ (B M)	¹⁾	<i>cavicola</i> Kieffer, 1921	CZ (B M)	SK
<i>fittkaui</i> Lehmann, 1972	CZ (M)	¹⁾	<i>eurynotus</i> (Holmgren, 1883)	CZ (B)	SK ²⁷⁾
<i>fuldensis</i> Lehmann, 1972	CZ (B M)	SK ¹⁾	<i>fuscipes</i> (Meigen, 1818)	CZ (B M)	SK
<i>gracei</i> (Edwards, 1929)	CZ (B M)	SK	<i>hirticollis</i> (Staeger, 1839)	CZ (M)	SK
<i>ilkleyensis</i> (Edwards, 1929)	CZ (B M)	SK ¹⁴⁾	<i>inopinatus</i> (Strenzke, 1950)	CZ (B)	
<i>lobifera</i> Goetghebuer, 1934	CZ (B M)	SK ¹²⁾	<i>terrester</i> Pagast, 1941	CZ (B)	
<i>minor</i> (Edwards, 1929)	CZ (M)	SK			
<i>pseudomontana</i> Goetghebuer, 1935	CZ (M)	SK	<i>Nanocladius</i> Kieffer, 1913		
<i>similis</i> Goetghebuer, 1939	CZ (B M)	SK ⁶⁾	sg. <i>Nanocladius</i> s. str.		
<i>tiroloensis</i> Goetghebuer, 1938		SK	<i>balticus</i> (Palmén, 1959)	CZ (M)	SK ¹⁾
<i>Eurycnemus</i> van der Wulp, 1874			<i>dichromus</i> (Kieffer, 1906)	CZ (B M)	SK
<i>crassipes</i> (Meigen, 1810)	CZ (B)	⁶⁾	<i>parvulus</i> (Kieffer, 1909)	CZ (B)	SK ¹⁾
<i>Gymnometriocnemus</i> Edwards, 1932			<i>rectinervis</i> (Kieffer, 1911)	CZ (B M)	SK ⁶⁾
sg. <i>Gymnometriocnemus</i> s. str.					
<i>subnudus</i> (Edwards, 1929)		SK	<i>Orthocladius</i> van der Wulp, 1874		
<i>terrestris</i> (Goetghebuer, 1941)	CZ (B)		sg. <i>Eudactylocladius</i> Thienemann, 1935		
<i>Heleniella</i> Gowin, 1943			<i>fuscimanus</i> (Kieffer, 1908)	CZ (B M)	SK
<i>ornaticollis</i> (Edwards, 1929)	CZ (B M)	SK ¹⁾	<i>olivaceus</i> (Kieffer, 1911)	CZ (B)	SK ⁶⁾
<i>serratosioi</i> Ringe, 1976	CZ (B)	SK ²⁾	<i>ashei</i> Soponis, 1990	CZ (B M)	SK ¹⁾
<i>Heterotanytarsus</i> Spaerck, 1923			<i>calvus</i> Pinder, 1985		SK
<i>apicalis</i> (Kieffer, 1921)	CZ (B M)	¹⁾	<i>rivicola</i> Kieffer, 1921	CZ (B M)	SK ¹³⁾
<i>Heterotrissocladius</i> Spaerck, 1923			<i>rivulorum</i> Kieffer, 1909	CZ (M)	SK
<i>grimshawi</i> (Edwards, 1929)	CZ (B)		<i>saxosus</i> (Tokunaga, 1939)	CZ (B M)	SK ¹⁾
<i>marcidus</i> (Walker, 1856)	CZ (B M)	SK	<i>thienemanni</i> Kieffer, 1906	CZ (B M)	SK ⁶⁾
<i>Hydrobaenus</i> Fries, 1830			sg. <i>Mesorthocladius</i> Saether, 2005		
<i>distylus</i> (Pothast, 1914)	CZ (M)	SK	<i>frigidus</i> (Zetterstedt, 1838)	CZ (B M)	SK
			sg. <i>Symposiocladius</i> Cranston, 1982		
			<i>holsatus</i> Goetghebuer, 1937		SK
			<i>lignicola</i> (Kieffer, 1914)	CZ (B M)	SK ¹⁾
			sg. <i>Orthocladius</i> s. str.		
			<i>dentifer</i> Brundin, 1947		SK
			<i>excavatus</i> Brundin, 1947		SK
			<i>glabripennis</i> (Goetghebuer, 1921)	CZ (B M)	SK ¹⁾
			<i>maius</i> Goetghebuer, 1942	CZ (M)	
			<i>oblidens</i> (Walker, 1856)	CZ (B M)	SK ¹⁾
			<i>pedestris</i> Kieffer, 1909	CZ (B M)	¹⁾

<i>rhyacobius</i> Kieffer, 1911	CZ (B M)	SK ¹⁴⁾	<i>calcaratus</i> (Edwards, 1929)	CZ (M)	SK
<i>rivinus</i> Potthast, 1914	CZ (B)	SK ¹⁴⁾	sg. <i>Psectrocladius</i> s. str.		
<i>rubicundus</i> (Meigen, 1818)	CZ (B M)	SK ¹⁴⁾	<i>barbimanus</i> (Edwards, 1929)	CZ (B M)	
<i>ruffoi</i> Rossaro & Prato, 1991	CZ (B)	SK ⁷⁾	<i>bisetus</i> Goetghebuer, 1942	CZ (B)	
<i>wetterensis</i> Brundin, 1956	CZ (B M)	SK ¹⁴⁾	<i>brehmi</i> Kieffer, 1923	CZ (B)	SK
sg. <i>Pogonocladus</i> Brundin, 1956			<i>limbatellus</i> (Holmgren, 1869)	CZ (B M)	SK ¹⁾
<i>consobrinus</i> (Holmgren, 1869)		SK ⁹⁾	<i>octomaculatus</i> Wülker, 1956	CZ (B)	SK ¹⁾
<i>Paracladius</i> Hirvenoja, 1973			<i>oligosetus</i> Wülker, 1956	CZ (B)	SK
<i>alpicola</i> (Zetterstedt, 1850)		SK	<i>oxyura</i> Langton, 1985	CZ (B M)	SK ¹⁾
<i>conversus</i> (Walker, 1856)	CZ (B)	SK ¹⁾	<i>psilopterus</i> (Kieffer, 1906)	CZ (B M)	SK
<i>Paracricotopus</i> Brundin, 1956			<i>schlienzi</i> Wülker, 1956	CZ (B)	SK ¹⁾
<i>niger</i> (Kieffer, 1913)	CZ (B M)	SK ¹³⁾	<i>sordidellus</i> (Zetterstedt, 1838)	CZ (B)	SK
<i>Parakiefferiella</i> Thienemann, 1936			<i>Pseudorthocladus</i> Goetghebuer, 1943		
<i>bathophila</i> (Kieffer, 1912)	CZ (B)	SK ¹⁶⁾	sg. <i>Pseudorthocladus</i> s. str.		
<i>coronata</i> (Edwards, 1929)		SK	<i>berthelemyi</i> Moubayed, 1988		SK
<i>pyrenaica</i> Moubayed, 1991		SK	<i>curtistylus</i> (Goetghebuer, 1921)	CZ (M)	SK
<i>scandica</i> Brundin, 1956		SK	<i>filiformis</i> (Kieffer, 1908)		SK
<i>smolandica</i> (Brundin, 1947)	CZ (M)	SK	<i>Pseudosmittia</i> Edwards, 1932		
<i>wuelkeri</i> Moubayed, 1994		SK	<i>gracilis</i> (Goetghebuer, 1913)	CZ (M)	
<i>Parametriocnemus</i> Goetghebuer, 1932			<i>simplex</i> (Strenzke & Thienemann, 1942)	CZ (B)	
<i>arciger</i> (Kieffer, 1925)	CZ (B M)		<i>trilobata</i> (Edwards, 1929)		SK
<i>boreoalpinus</i> Gowin & Thienemann, 1942		SK	<i>Rheocricotopus</i> Brundin, 1956		
<i>stylatus</i> (Spärck, 1923)	CZ (B M)	SK	sg. <i>Psilocricotopus</i> Saether, 1986		
<i>Paraphaenocladus</i> Thienemann, 1924			<i>atripes</i> (Kieffer, 1913)	CZ (M)	SK ¹⁾
<i>impensus</i> (Walker, 1856)	CZ (B)		<i>chalybeatus</i> (Edwards, 1929)	CZ (B M)	SK ⁶⁾
<i>pseudirritus</i> Strenzke, 1950	CZ (B)	SK ¹⁶⁾	<i>glabricollis</i> (Meigen, 1830)		SK
<i>Parasmittia</i> Strenzke, 1950			<i>tirohus</i> Lehmann, 1969		SK
<i>carinata</i> Strenzke, 1950	CZ (B)		<i>unidentatus</i> Saether & Schnell, 1988	CZ (M)	¹⁷⁾
<i>Paratrichocladius</i> Santos Abreu, 1918			sg. <i>Rheocricotopus</i> s. str.		
<i>nivalis</i> (Goetghebuer, 1938)		SK *	<i>effusus</i> (Walker, 1856)	CZ (B M)	SK ¹⁾
<i>rufiventris</i> (Meigen, 1830)	CZ (B M)	SK ¹⁴⁾	<i>fuscipes</i> (Kieffer, 1909)	CZ (B M)	SK ¹⁴⁾
<i>skirwithensis</i> (Edwards, 1929)		SK	<i>reduncus</i> Saether & Schnell, 1988		SK ¹⁸⁾
<i>spiesi</i> Ashe & O'Connor, 2012		SK *	<i>Rheosmittia</i> Brundin, 1956		
<i>Paratrissocladius</i> Zavrel, 1937			<i>languida</i> (Brundin, 1956)		SK
<i>excerptus</i> (Walker, 1856)	CZ (M)	SK	<i>spinicornis</i> (Brundin, 1956)		SK
<i>Parorthocladus</i> Thienemann, 1935			<i>Smittia</i> Holmgren, 1869		
<i>nudipennis</i> (Kieffer, 1908)	CZ (M)	SK	<i>contingens</i> (Walker, 1956)		SK
<i>Propsilocerus</i> Kieffer, 1923			<i>edwardsi</i> Goetghebuer, 1932		SK
<i>lacustris</i> Kieffer, 1923		SK	<i>nudipennis</i> (Goetghebuer, 1913)	CZ (B)	
<i>Psectrocladius</i> Kieffer, 1906			<i>Stilocladius</i> Rossaro, 1979		
sg. <i>Allopectrocladius</i> Wuelker, 1956			<i>montanus</i> Rossaro, 1979		SK
<i>obvius</i> (Walker, 1856)	CZ (B)	SK	<i>Symbiocladius</i> Kieffer, 1925		
<i>platypus</i> (Edwards, 1929)	CZ (B)	SK ¹⁾	<i>rhithrogenae</i> (Zavřel, 1924)	CZ (B M)	SK
sg. <i>Mesopsectrocladius</i> Laville, 1971			<i>Synorthocladus</i> Thienemann, 1935		
<i>barbatipes</i> Kieffer, 1923	CZ (B M)	SK	<i>semivirens</i> (Kieffer, 1909)	CZ (B M)	SK
sg. <i>Monopsectrocladius</i> Wuelker, 1956			<i>Thienemannia</i> Kieffer, 1909		
			<i>fulvofasciata</i> (Kieffer, 1921)		SK

<i>Thienemanniella</i> Kieffer, 1911			<i>plumosus</i> (Linnaeus, 1758)	CZ (B M)	SK
<i>clavicornis</i> (Kieffer, 1911)	CZ (M)	SK	<i>pseudothummi</i> Strenzke, 1959	CZ (B)	SK
<i>majuscula</i> (Edwards, 1924)		SK ¹⁹⁾	<i>riparius</i> Meigen, 1804	CZ (B M)	SK
<i>obscura</i> Brundin, 1947		SK	<i>sororius</i> Wülker, 1973	CZ (B)	
<i>vittata</i> (Edwards, 1924)	CZ (B M)	SK ¹⁾	<i>striatus</i> Strenzke, 1959		SK
<i>Tokunagaia</i> Saether, 1973			<i>uliginosus</i> Keyl, 1960	CZ (B)	
<i>tonollii</i> (Rossaro, 1983)		SK	sg. <i>Lobochironomus</i> Ryser, Wuelker & Scholl, 1990		
<i>Tvetenia</i> Kieffer, 1922			<i>dorsalis</i> Meigen, 1818		SK
<i>bavarica</i> (Goetghebuer, 1934)	CZ (B M)	SK ¹⁴⁾	<i>montuosus</i> Ryser, Wülker & Scholl, 1985	CZ (B)	SK ¹⁾
<i>calvescens</i> (Edwards, 1929)	CZ (B M)	SK ¹⁶⁾	<i>Cladopelma</i> Kieffer, 1921		
<i>discoloripes</i> (Goetghebuer, 1936)	CZ (B M)	SK ⁶⁾	<i>goetghebueri</i> Spies & Sæther, 2004	SK	
<i>tshernovskii</i> (Pankratova, 1968)	CZ (B)	⁶⁾	<i>virescens</i> (Meigen, 1818)	CZ (B M)	SK ¹⁾
<i>verralli</i> (Edwards, 1929)	CZ (B M)	SK ⁶⁾	<i>viridulum</i> (Linnaeus, 1767)	CZ (B)	SK ¹⁾
<i>Zalutschia</i> Lipina, 1939			<i>Cryptochironomus</i> Kieffer, 1918		
<i>mucronata</i> (Brundin, 1949)		SK ²⁰⁾	sg. <i>Cryptochironomus</i> s. str.		
<i>tatrica</i> (Pagast, 1935)		SK	<i>albofasciatus</i> (Stæger, 1839)		SK
CHIRONOMINAE			<i>defectus</i> (Kieffer, 1913)	CZ (B M)	SK
CHIRONOMINI			<i>denticulatus</i> (Goetghebuer, 1921)	CZ (B)	SK ⁶⁾
<i>Benthalia</i> Lipina, 1939			<i>obreptans</i> (Walker, 1856)	CZ (B M)	SK ¹⁾
<i>carbonaria</i> (Meigen, 1804)	CZ (B)	SK ^{7),*}	<i>psittacinus</i> (Meigen, 1830)		SK
<i>Chironomus</i> Meigen, 1803			<i>rostratus</i> Kieffer, 1921	CZ (B M)	SK ⁶⁾
sg. <i>Camptochironomus</i> Kieffer, 1918			<i>supplicans</i> (Meigen, 1830)	CZ (M)	SK ¹⁾
<i>pallidivittatus</i> Edwards, 1929		SK	<i>Cryptotendipes</i> Beck & Beck, 1969		
<i>tentans</i> Fabricius, 1805	CZ (B M)		<i>holsatus</i> Lenz, 1959	CZ (M)	SK ¹⁾
sg. <i>Chironomus</i> s. str.			<i>pseudotener</i> (Goetghebuer, 1922)	CZ (B M)	SK ^{1),6)}
<i>aberratus</i> Keyl, 1961	CZ (B)		<i>usmaensis</i> (Pagast, 1931)	CZ (B M)	¹⁾
<i>acidophilus</i> Keyl, 1960	CZ (B)	¹⁾	<i>Demeijerea</i> Kruseman, 1933		
<i>annularius</i> Meigen, 1818	CZ (B)	SK	<i>rufipes</i> (Linnaeus, 1761)	CZ (B)	
<i>anthracinus</i> Zetterstedt, 1860	CZ (B)		<i>Demicryptochironomus</i> Lenz, 1941		
<i>aprilinus</i> Meigen, 1818	CZ (B)		sg. <i>Demicryptochironomus</i> s. str.		
<i>balatonicus</i> Dévai, Wülker & Scholl, 1983	CZ (B)	SK	<i>vulneratus</i> (Zetterstedt, 1838)	CZ (B M)	SK
<i>bernensis</i> Klötzli, 1973	CZ (B)	SK	sg. <i>Irmakia</i> Reiss, 1988		
<i>cingulatus</i> Meigen, 1830	CZ (B)		<i>neglectus</i> Reiss, 1988		SK ²¹⁾
<i>commutatus</i> Keyl, 1960	CZ (B)		<i>Dicrotendipes</i> Kieffer, 1913		
<i>crassimanus</i> Strenzke, 1959	CZ (B)		<i>lobiger</i> (Kieffer, 1921)		SK
<i>dorsalis</i> Andersen, 1949	CZ (B M)	SK	<i>nervosus</i> (Stæger, 1839)	CZ (B M)	SK
<i>entis</i> Shobanov, 1989	CZ (B M)	¹⁾	<i>notatus</i> (Meigen, 1818)	CZ (M)	SK
<i>holomelas</i> Keyl, 1961	CZ (B)		<i>pulsus</i> (Walker, 1856)	CZ (M)	SK ¹⁾
<i>lacunarius</i> Wülker, 1973	CZ (B)	SK ¹⁾	<i>tritonus</i> (Kieffer, 1916)		SK
<i>longistylus</i> Goetghebuer, 1921	CZ (B)	SK	<i>Einfeldia</i> Kieffer, 1924		
<i>lugubris</i> Zetterstedt, 1850	CZ (B)	¹⁾	<i>pagana</i> (Meigen, 1838)	CZ (M)	
<i>luridus</i> Strenzke, 1959	CZ (B M)	SK ¹⁾	<i>Endochironomus</i> Kieffer, 1918		
<i>melanescens</i> Keyl, 1961	CZ (B)		<i>albipennis</i> (Meigen, 1830)	CZ (B M)	SK
<i>melanotus</i> Keyl, 1961	CZ (B)		<i>tendens</i> (Fabricius, 1775)	CZ (B M)	SK
<i>muratensis</i> Ryser, Scholl & Wülker, 1983	CZ (B)		<i>Fleuria</i> Kieffer, 1924		
<i>nuditarsis</i> Keyl, 1961	CZ (B)	SK	<i>lacustris</i> Kieffer, 1924	CZ (B)	SK
<i>nudiventris</i> Ryser, Scholl & Wülker, 1983	CZ (B)				
<i>obtusidens</i> Goetghebuer, 1921	CZ (B)				
<i>parathummi</i> Keyl, 1961	CZ (B)				
<i>piger</i> Strenzke, 1956	CZ (B)				

<i>Glyptotendipes</i> Kieffer, 1913			<i>parilis</i> (Walker, 1856)	CZ (B M)	SK ¹⁾
sg. <i>Caulochironomus</i> Heyn, 1993			<i>tenuicaudatus</i> (Malloch, 1915)		SK
<i>foliicola</i> Contreras-Lichtenberg, 1997		SK	<i>varus</i> (Goetghebuer, 1921)	CZ (M)	SK
sg. <i>Glyptotendipes</i> s. str.			<i>vitiosus</i> (Goetghebuer, 1921)	CZ (M)	SK ¹⁾
<i>barbipes</i> (Stæger, 1839)	CZ (B M)	SK			
<i>cauliginellus</i> (Kieffer, 1913)	CZ (B M)	SK	<i>Paralauterborniella</i> Lenz, 1941		
<i>pallens</i> (Meigen, 1804)	CZ (B M)	SK	<i>nigrohalteralis</i> (Malloch, 1915)	CZ (M)	SK ¹⁾
<i>paripes</i> (Edwards, 1929)	CZ (B M)	SK ¹⁾			
sg. <i>Heynotendipes</i> Spies & Saether, 2004			<i>Paratendipes</i> Kieffer, 1911		
<i>signatus</i> (Kieffer, 1909)		SK	<i>albimanus</i> (Meigen, 1818)	CZ (B M)	SK
			<i>nudisquama</i> (Edwards, 1929)	CZ (M)	SK ¹⁾
<i>Harnischia</i> Kieffer, 1921					
<i>curtilamellata</i> (Malloch, 1915)	CZ (B M)	SK ¹⁾	<i>Phaenopsectra</i> Kieffer, 1921		
<i>fuscimanus</i> Kieffer, 1921	CZ (B M)	SK ⁶⁾	<i>flavipes</i> (Meigen, 1818)	CZ (B M)	SK ^{1), 23)}
<i>Kiefferulus</i> Goetghebuer, 1922					
sg. <i>Kiefferulus</i> s. str.			<i>Polypedilum</i> Kieffer, 1912		
<i>tendipediformis</i> (Goetghebuer, 1921)	CZ (B M)	SK ¹⁾	sg. <i>Pentapedilum</i> Kieffer, 1913		
<i>Kloosia</i> Kruseman, 1933			<i>exsectum</i> (Kieffer, 1916)	CZ (M)	
<i>pusilla</i> (Linnaeus, 1767)	CZ (M)	SK	<i>nubens</i> (Edwards, 1929)	CZ (M)	¹⁾
			<i>sordens</i> (van der Wulp, 1874)	CZ (B M)	SK ¹⁾
<i>Lauterborniella</i> Thienemann & Bause, 1913			<i>tritum</i> (Walker, 1856)	CZ (M)	SK ¹⁾
<i>agrayloides</i> (Kieffer, 1911)	CZ (B M)	SK	sg. <i>Polypedilum</i> s. str.		
			<i>albicorne</i> (Meigen, 1838)	CZ (B M)	SK ¹⁾
<i>Lipiniella</i> Shilova, 1961			<i>arudinetum</i> (Goetghebuer, 1921)		SK
<i>araenicola</i> Shilova, 1961	CZ (M)	SK	<i>laetum</i> (Meigen, 1818)	CZ (M)	SK
			<i>nubeculosum</i> (Meigen, 1804) B	CZ (B M)	SK
<i>Microchironomus</i> Kieffer, 1918			<i>nubifer</i> (Skuse, 1889)	CZ (B)	SK
<i>tener</i> (Kieffer, 1918)	CZ (B M)	SK ¹⁾	<i>pedestre</i> (Meigen, 1830)	CZ (M)	SK
			sg. <i>Tripodura</i> Townes, 1945		
<i>Microtendipes</i> Kieffer, 1915			<i>aegyptium</i> Kieffer, 1925		SK
<i>britteni</i> (Edwards, 1929)	CZ (M)	¹⁷⁾	<i>bicrenatum</i> Kieffer, 1921		SK
<i>confinis</i> (Meigen, 1830)	CZ (B)	¹⁾	<i>pullum</i> (Zetterstedt, 1838)		SK
<i>diffinis</i> (Edwards, 1929)	CZ (B M)	¹⁾	<i>scalaenum</i> (Schrank, 1803)	CZ (M)	
<i>chloris</i> (Meigen, 1818)	CZ (B M)	SK	sg. <i>Uresipedilum</i> Oyewo & Saether, 1998		
<i>pedellus</i> (De Geer, 1776)	CZ (B)	SK	<i>convictum</i> (Walker, 1856)	CZ (B M)	SK ¹⁴⁾
<i>rydalenis</i> (Edwards, 1929)	CZ (M)		<i>cultellatum</i> Goetghebuer, 1931	CZ (M)	SK
<i>tarsalis</i> (Walker, 1856)	CZ (M)				
			<i>Robackia</i> Saether, 1977		
<i>Omisis</i> Townes, 1945			<i>demeijerei</i> (Kruseman, 1933)	CZ (M)	SK ¹⁾
<i>caledonicus</i> (Edwards, 1932)		SK			
			<i>Saetheria</i> Jackson, 1977		
<i>Pagastiella</i> Brundin, 1949			<i>reissi</i> Jackson, 1977	CZ (M)	SK
<i>orophila</i> (Edwards, 1929)	CZ (B)	SK			
			<i>Sergentia</i> Kieffer, 1922		
<i>Paracladopelma</i> Harnisch, 1923			<i>coracina</i> (Zetterstedt, 1850)		SK
<i>camptolabis</i> (Kieffer, 1913)	CZ (B M)	SK			
<i>laminatum</i> (Kieffer, 1921)	CZ (B)	¹³⁾	<i>Stenochironomus</i> Kieffer, 1919		
<i>mikianum</i> (Goetghebuer, 1937)		SK	sg. <i>Stenochironomus</i> s. str.		
<i>nigritulum</i> (Goetghebuer, 1942)	CZ (B)	SK ¹⁾	<i>gibbus</i> (Fabricius, 1794)	CZ (B)	SK ¹⁾
<i>Parachironomus</i> Lenz, 1921			<i>Stictochironomus</i> Kieffer, 1919		
<i>danicus</i> Lehmann, 1970		SK ⁹⁾	<i>maculipennis</i> (Meigen, 1818)		SK
<i>frequens</i> (Johannsen, 1905)	CZ (B M)	SK ⁶⁾	<i>pictulus</i> (Meigen, 1830)		SK
<i>gracilior</i> (Kieffer, 1918)	CZ (B M)	SK ^{6), *}	<i>sticticus</i> (Fabricius, 1781)	CZ (B M)	SK
<i>monochromus</i> (van der Wulp, 1874)		SK ²²⁾			
			<i>Synendotendipes</i> Grodhaus, 1987		
			<i>dispar</i> (Meigen, 1830)	CZ (B M)	SK

<i>Tribelos</i> Townes, 1945				<i>dissimilis</i> (Johannsen, 1905)		SK
<i>intertextus</i> (Walker, 1856)	CZ (B)	SK ¹⁾		<i>grimmii</i> (Schneider, 1885)	CZ (B M)	SK
<i>Xenochironomus</i> Kieffer, 1921				<i>inopertus</i> (Walker, 1856)		SK
<i>xenolabis</i> (Kieffer, 1916)	CZ (B M)	SK ¹⁾		<i>intricatus</i> (Goetghebuer, 1921)	CZ (B)	SK
<i>Zavreliella</i> Kieffer, 1920				<i>laccophilus</i> (Edwards, 1929)		SK
<i>marmorata</i> (van der Wulp, 1858)	CZ (B M)	SK		<i>laetipes</i> (Zetterstedt, 1850)		SK
PSEUDOCHIRONOMINI				<i>lauterborni</i> (Kieffer, 1909)	CZ (M)	SK
<i>Pseudochironomus</i> Malloch, 1915				<i>penicillatus</i> (Goetghebuer, 1928)	CZ (B)	SK ¹⁾
<i>prasinatus</i> (Stæger, 1839)		SK		<i>tenellulus</i> (Goetghebuer, 1921)		SK
TANYTARSINI				<i>tenuis</i> (Meigen, 1830)	CZ (M)	
<i>Cladotanytarsus</i> Kieffer, 1921				<i>Rheotanytarsus</i> Thienemann & Bause, 1913		
sg. <i>Cladotanytarsus</i> s. str.				<i>curtistylus</i> (Goetghebuer, 1921)	CZ (B M)	SK ¹⁴⁾
<i>atrifornum</i> Kieffer, 1924	CZ (M)	SK		<i>muscolica</i> Thienemann, 1929	CZ (B M)	SK ^{1), 14)}
<i>lepidocalcar</i> Krüger, 1938	CZ (M)	SK ¹⁾		<i>nigricauda</i> Fittkau, 1960		SK
<i>mancus</i> (Walker, 1856)	CZ (B M)	SK		<i>pellucidus</i> (Walker, 1848)		SK
<i>molestus</i> Hirvenoja, 1962		SK		<i>pentapoda</i> (Kieffer, 1909)	CZ (B M)	SK ¹⁴⁾
<i>pallidus</i> Kieffer, 1922	CZ (B)	SK		<i>photophilus</i> (Goetghebuer, 1921)	CZ (B M)	SK ¹⁴⁾
<i>vanderwulpi</i> (Edwards, 1929)	CZ (M)	SK		<i>reissi</i> Lehmann, 1970		SK
<i>Corynocera</i> Zetterstedt, 1837				<i>rhenanus</i> Klink, 1983	CZ (B M)	SK ¹⁴⁾
<i>ambigua</i> Zetterstedt, 1837	CZ (B)			<i>Stempellina</i> Thienemann & Bause, 1913		
<i>Lithotanytarsus</i> Thienemann, 1933				<i>almi</i> Brundin, 1947	CZ (B M)	¹⁾
<i>emarginatus</i> (Goetghebuer, 1933)	CZ (M)	SK ¹⁾		<i>bausei</i> (Kieffer, 1911)	CZ (M)	SK
<i>Micropsectra</i> Kieffer, 1908				<i>Stempellinella</i> Brundin, 1947		
<i>appendica</i> Stur & Ekrem, 2006		SK ²⁴⁾		<i>brevis</i> (Edwards, 1929)	CZ (B)	SK
<i>apposita</i> (Walker, 1856)		SK [*]		<i>edwardsi</i> Spies & Sæther, 2004	CZ (B M)	SK ¹⁾
<i>aristata</i> Pinder, 1976		SK		<i>flavidula</i> (Edwards, 1929)	CZ (B)	SK ¹⁾
<i>atrofasciata</i> (Kieffer, 1911)		SK		<i>Tanytarsus</i> van der Wulp, 1874		
<i>attenuata</i> Reiss, 1969	CZ (B)	¹³⁾		<i>aberrans</i> Lindeberg, 1970		SK
<i>bavarica</i> Stur & Ekrem, 2006		SK		<i>bathophilus</i> Kieffer, 1911	CZ (B M)	SK ¹⁾
<i>bidentata</i> (Goetghebuer, 1921)	CZ (M)	SK		<i>brundini</i> Lindeberg, 1963	CZ (B M)	SK ¹⁴⁾
<i>junci</i> (Meigen, 1818)	CZ (B M)	SK ¹⁾		<i>buchonius</i> Reiss & Fittkau, 1971	CZ (B)	
<i>lindrothi</i> Goetghebuer, 1931	CZ (B M)	SK ¹⁾		<i>chinyensis</i> Goetghebuer, 1934		SK
<i>longicrista</i> Stur & Ekrem, 2006	CZ (M)	¹⁾		<i>curticornis</i> Kieffer, 1911	CZ (B M)	SK ^{1), 16)}
<i>notescens</i> (Walker, 1856)	CZ (B M)	SK ¹⁴⁾		<i>debilis</i> (Meigen, 1830)	CZ (B)	SK ¹⁾
<i>pallidula</i> (Meigen, 1830)	CZ (B)	¹⁾		<i>dibranchius</i> (Kieffer, 1926)	CZ (M)	
<i>radialis</i> Goetghebuer, 1939		SK		<i>ejuncidus</i> (Walker, 1856)	CZ (B M)	SK ^{1), 14)}
<i>recurvata</i> Goetghebuer, 1928	CZ (M)			<i>eminulus</i> (Walker, 1856)	CZ (B M)	SK ^{1), 14)}
<i>roseiventris</i> (Kieffer, 1909)	CZ (B)	SK ^{16), *}		<i>gibbosiceps</i> Kieffer, 1922		SK
<i>styriaca</i> Reiss, 1969		SK		<i>glabrescens</i> Edwards, 1929	CZ (M)	
<i>uliginosa</i> (Reiss, 1969)		SK		<i>gregarius</i> Kieffer, 1909	CZ (B M)	SK
<i>Neostempellina</i> Reiss, 1984				<i>heusdensis</i> Goetghebuer, 1923	CZ (B M)	SK ¹⁴⁾
<i>thienemanni</i> Reiss, 1984	CZ (M)	SK ¹⁾		<i>lactescens</i> Edwards, 1929		SK
<i>Neozavrelia</i> Goetghebuer & Thienemann, 1941				<i>lestagei</i> Goetghebuer, 1922		SK
<i>luteola</i> Goetghebuer, 1941	CZ (M)	SK		<i>longitarsis</i> Kieffer, 1911	CZ (B)	¹⁾
<i>Paratanytarsus</i> Thienemann & Bause, 1913				<i>medius</i> Reiss & Fittkau, 1971	CZ (B M)	SK ¹⁾
<i>austriacus</i> (Kieffer, 1924)	CZ (M)	SK		<i>mendax</i> Kieffer, 1925	CZ (M)	SK
<i>bituberculatus</i> (Edwards, 1929)	CZ (B M)	SK ¹⁾		<i>norvegicus</i> (Kieffer, 1924)		SK ⁹⁾
				<i>palettaris</i> Verneaux, 1969		SK
				<i>pallidicornis</i> (Walker, 1856)		SK
				<i>signatus</i> (van der Wulp, 1858)	CZ (B)	SK
				<i>smolandicus</i> Brundin, 1947		SK ⁹⁾
				<i>sylvaticus</i> (van der Wulp, 1859)		SK
				<i>telmaticus</i> Lindeberg, 1959	CZ (M)	¹⁾
				<i>usmaensis</i> Pagast, 1931	CZ (M)	

Thienemanniola Fittkau, 1957
ploenensis Kieffer, 1921 CZ (B) SK²⁵⁾

Zavrelia Kieffer, Thienemann & Bause, 1913
pentatoma Kieffer, 1913 CZ (B) SK

Comments

* refers to species, which were included in the previous checklist (Bitušík & Brabec 2009) under different names, which are listed in square brackets:

Paratrichocladius nivalis – [*Paratrichocladius guidalii* Rossaro, 1990]

Paratrichocladius spiesi Ashe & O'Connor, 2012 – [*Paratrichocladius nigritus* (Goetghebuer, 1938)]

Benthalia carbonaria (Meigen, 1804) – [*Chironomus* (*Lobochironomus*) *dissidens* Walker, 1856]

Parachironomus gracilior (Kieffer, 1918) – [*Parachironomus arcuatus* (Goetghebuer, 1936)]

Micropsectra apposita (Walker, 1856) – [*Micropsectra contracta* Reiss, 1965]

Micropsectra roseiventris (Kieffer, 1909) – [*Micropsectra fusca* (Meigen, 1804)]

¹⁾ First records from Czechia and Slovakia were published by Syrovátka & Langton (2015).

²⁾ First record from Czechia (Bohemia) was published by Bitušík & Trnková (2016).

³⁾ First record from Slovakia was published by Gowin & Zavřel (1944).

⁴⁾ First record from Slovakia was published by Vráblová et al. (2023).

⁵⁾ First record from Slovakia was published by Novikmec et al. (2015).

⁶⁾ First record from Czechia (Bohemia) was published by Skála (2011).

⁷⁾ First record from Czechia (Bohemia) was published by Skála (2013).

⁸⁾ First record from Slovakia was published by Ščerbáková (2016).

⁹⁾ First record from Slovakia was published by Ščerbáková & Bitušík (2015).

¹⁰⁾ First record from Czechia was published by Ashe et al. (2014).

¹¹⁾ First record from Czechia (Bohemia) was published by Špaček (2014).

¹²⁾ First record from Czechia (Bohemia) was published by Skála (2015).

¹³⁾ First record from Czechia (Bohemia) was published by Skála (2014).

¹⁴⁾ First record from Czechia (Bohemia) was published by Skála (2012).

¹⁵⁾ Described from Slovakia by Moubayed-Breil & Bitušík (2019).

¹⁶⁾ First record from Czechia (Bohemia) was published by Bitušík (2011).

¹⁷⁾ First record from Czechia (Moravia) was published by Boóz et al. (2024).

¹⁸⁾ First record from Slovakia was published by Hamerlík et al. (2015).

¹⁹⁾ First record from Slovakia was published by Bitušík & Langton (1994).

²⁰⁾ First record from Slovakia was published by Ertlová (1963).

²¹⁾ First record from Slovakia was published by Štillová & Ščerbáková (2019).

²²⁾ First record from Slovakia was published by Hamerlík et al. (2022).

²³⁾ First record from Slovakia was published by Štillová et al. (2016).

²⁴⁾ First record from Slovakia was published by Novikmec et al. (2013).

²⁵⁾ First record from Slovakia was published by Čerba et al. (2025).

²⁶⁾ First record from Slovakia was published by Oboňa et al. (2017).

²⁷⁾ First record from Slovakia was published by Oboňa et al. (2024).

Acknowledgements

The study of Chironomidae in the Western Carpathians was co-supported by the Slovak Research and Development Agency (project No. APVV-20-0358) and VEGA No. 2/0087/25.

References

- Andersen T, Baranov V, Hagenlund LK, Ivković M, Kvifte GM, Pavlek M. 2016. Blind Flight? A New Troglotrophic Orthoclad (Diptera, Chironomidae) from the Lukina Jama – Trojama Cave in Croatia. *PLoS ONE* 11(4): e0152884.
- Armitage PD, Cranston PS, Pinder LCV. 1995. *The Chironomidae: Biology and ecology of non-biting midges*. Chapman & Hall, London, 572 pp.
- Ashe P, O'Connor JP. 2009. *A World Catalogue of Chironomidae (Diptera). Part 1. Buchonomyiinae, Chilenomyiinae, Podonominae, Aphroteniinae, Tanypodinae, Usambaromyiinae, Diamesinae, Prodiamesinae and Telmatogetoninae*. Irish Biogeographical Society and National Museum of Ireland, Dublin, 445 pp.
- Ashe P, O'Connor JP. 2012. *A World Catalogue of Chironomidae (Diptera). Part 2. Orthoclaadiinae*. Irish Biogeographical Society and National Museum of Ireland, Dublin, 968 pp.
- Ashe P, Moubayed-Breil J, Vondrák D. 2014. First records of *Buchonomyia thienemanni* Fittkau (Diptera: Chironomidae) from the Czech Republic. *CHIRONOMUS Newsletter on Chironomidae Research* 27: 51–53.
- Bitušík P. 2011. New records of Chironomidae (Diptera) for Czech Republic from lakes and streams in the Bohemian Forest. *Lauterbornia* 72: 125–129.
- Bitušík P, Brabec K. 2009. Chironomidae Newman, 1834. In: Jedlička L, Kúdela M, Stloukalová V, eds. 2009. *Checklist of Diptera of the Czech Republic and Slovakia. Electronic version 2*. <http://www.edvis.sk/diptera2009/families/chironomidae.htm>
- Bitušík P, Langton PH. 1994. Further new records of chironomids (Diptera: Chironomidae) from Slovakia. *Biologia* 49: 235–237.
- Bitušík P, Losos B. 1997. Chironomidae. In: Chvála M, ed. *Check List of Diptera (Insecta) of the Czech and Slovak Republics*. Karolinum, Charles University Press, Prague, p. 34–39.
- Bitušík P, Trnková K. 2016. Some new records of chironomids (Diptera: Chironomidae) from the Czech Republic. *Acta Musei Silesiae, Scientiae Naturales* 65: 143–147.
- Boóz B, Kovács Z, Bartalovics B, Boda P, Miliša M, Perneckner B, Pařil P, Rewicz T, Boglárka Simon A, Csabai Z, Móra A. 2024. Chironomids (Diptera) from Central European stream networks: new findings and taxonomic issues. *Biodiversity Data Journal* 12: e136241.
- Contreras-Lichtenberg R. 1984. Revision der in der Westpaläarktis verbreiteten Arten des Genus *Dicrotendipes* Kieffer, 1913 (Diptera,

- Nematocera, Chironomidae). *Annalen des Naturhistorischen Museums in Wien. Serie B für Botanik und Zoologie* 663–726.
- Cranston PS, Oliver DR, Sæther OA. 1989. The adult male of Orthocladiinae (Diptera, Chironomidae) of the Holarctic region – Keys and diagnoses. In: Wiederholm T, ed. Chironomidae of the Holarctic region. Keys and diagnoses, Part 3. Adult male. *Entomologica Scandinavica Supplement* 34: 165–352.
- Cranston PS. 1995a. Morphology. In: Armitage PD, Cranston PS, Pinder LCV, eds, *The Chironomidae: Biology and ecology of non-biting midges*. Chapman & Hall, London, p. 11–30.
- Cranston PS. 1995b. Introduction. In: Armitage PD, Cranston PS, Pinder LCV, eds, *The Chironomidae: Biology and ecology of non-biting midges*. Chapman & Hall, London, p. 1–7.
- Čerba D, Lešťáková M, Ščerbáková S, Hamerlík L. 2025. First record of *Thienemanniola ploenensis* Kieffer, 1921 in Slovakia: A unique chironomid find in a running water habitat. *Biologia*. <https://doi.org/10.1007/s11756-025-01987-4>
- de Jong Y. 2016. *Fauna Europaea. Fauna Europaea Consortium. Checklist dataset* <https://doi.org/10.15468/ymlk1bx> accessed via GBIF.org on 2024-03-21.
- Ekrem T. 2004. Immature stages of European *Tanytarsus* species I. The *eminulus*-, *gregarius*-, *lugens*- and *mendax* species groups (Diptera, Chironomidae). *Deutsche Entomologische Zeitschrift. Mitteilungen aus dem Museum für Naturkunde in Berlin* 51: 97–146.
- Ertlová E. 1963. Zur Kenntnis der Zuckmücken (Chironomidae) der Donau. *Biologia* 18: 612–620.
- Ertlová E, Lellák J. 1984. Čelad: Chironomidae. In: Čepelák J, ed. *Diptera Slovenska I*. Veda, Bratislava, p. 61–64.
- Ferrington LC. 2008. Global diversity of non-biting midges (Chironomidae; Insecta-Diptera) in freshwater. *Hydrobiologia* 595: 447–455.
- Fittkau EJ. 1962. Die Tanytopodinae (Diptera: Chironomidae) (Die tribus Anatopyniini, Macropelopiini und Pentaneurini). *Abh. Larvalsyst. Insekten* 6: 1–453.
- Gowin F, Zavřel J. 1944. Nový *Procladius* z Vysokých Tater. *Procladius tatrensis* Gow. n. sp. *Entomol. Listy* 7: 87–90.
- Hamerlík L, Bitušík P, Bartóková S, Potančok J. 2022. Where the rare species hide: A new record of *Parachironomus monochromus* (van der Wulp, 1874) for Slovakia from artificial urban waterbodies. *CHIRONOMUS Journal of Chironomidae Research* (35): 50–53.
- Hamerlík L, Thomková K, Bitušík P. 2015. First record of *Rheocricotopus* (s. str.) *reduncus* Sæther & Schnell, 1988 (Diptera: Chironomidae) from Slovakia: a new glacial relict found in the Tatra Mountains. *Lauterbornia* 79: 58–60.
- Hamerlík L, Veselská M, Novikmec M, Svitok M. 2019. *Lasiodiamesa* (Podonominae, Chironomidae), first record of the genus from Slovakia. *CHIRONOMUS Journal of Chironomidae Research* 32: 79–82.
- Hirvenoja M. 1973. Revision der Gattung *Cricotopus* van der Wulp und ihrer Verwandten (Diptera, Chironomidae). *Ann. Ent. Fenn.* 10: 1–263.
- Jambrovič M, Čerba D, Hamerlík L. 2023. First record of *Parochlus kiefferi* (Garrett, 1925) in a sediment sequence from a Slovak mountain lake with notes on paleolimnological interpretation. *CHIRONOMUS Journal of Chironomidae Research* 36: 4–7.
- Langton PH. 1991. *A key to pupal exuviae of West Palaearctic Chironomidae*. Privately published by PH. Langton, 3 St. Felix Road, Ramsay Forty Foot, Cambridgeshire, England, PE 17 1YH, 386 pp.
- Langton PH. 1995. The pupa and events leading to eclosion. In: Armitage PD, Cranston PS, Pinder LCV, eds, *The Chironomidae: Biology and ecology of non-biting midges*. Chapman & Hall, London, p. 169–193.
- Langton PH, Visser H. 2003. *Chironomidae exuviae. A key to pupal exuviae of the West Palaearctic Region*. Interactive Identification System for the European Limnofauna (IISEL), World Biodiversity Database, CD-ROM Series.
- Langton PH, Pinder LCV. 2007. *Keys to the adult male Chironomidae of Britain and Ireland, Vol. 1 and 2*. Freshwater Biological Association, pp. 239 and 168.
- Langton PH, Bitušík P, Mitterova J. 2013. A contribution towards a revision of West Palaearctic *Procladius* Skuse (Diptera: Chironomidae). *CHIRONOMUS Newsletter on Chironomidae Research* 26: 41–44.
- Lehmann J. 1972. Revision der europäischen Arten (Puppen und Imagines) der Gattung *Eukiefferiella* Thienemann (Diptera: Chironomidae). *Beiträge zur Entomologie = Contributions to Entomology* 22(7-8): 347–405.
- Lellák J, Losos B. 1987. Chironomidae. In: Ježek J, ed. *Enumeratio insectorum Bohemoslovakiae – Check list of Czechoslovak Insects II* (Diptera). *Acta faunistica entomologica Musei Nationalis Pragae* 18: 41–47.
- Moubayed-Breil J, Bitušík P. 2019. Taxonomic notes on the genus *Chaetocladius* (*laminatus*-group) (Diptera: Chironomidae, Orthocladiinae) II. Descriptions of *C. bitusiki* sp. n. and *C. mantetensis* sp. n., two relict species inhabiting cold alpine springs and streams. *Biologia* 74(11): 1489–1500.
- Novikmec M, Bitušík P, Hamerlík L, Oboňa J, Očadlík M, Svitok M, Zapriháčová A. 2013. First record of two Diptera species, *Limnophora pulchriceps* (Muscidae) and *Micropsectra appendica* (Chironomidae) from Slovakia with comments on the benthic community of a locality threatened by an intended small hydropower station construction. *Lauterbornia* 76: 37–42.
- Novikmec M, Veselská M, Bitušík P, Hamerlík L, Matúšová Z, Klementová BR, Svitok M. 2015. Checklist of benthic macroinvertebrates of high altitude ponds of the Tatra Mountains (Central Europe) with new records of two species for Slovakia. *Check List* 11: 1522.
- Oboňa J, Demková L, Smolák R, Dominiak P, Ščerbáková S. 2017. Invertebrates in overlooked aquatic ecosystem in the middle of the town. *Periodicum biologorum* 119(1): 47–54.
- Oboňa J, Svitková I, Fogašová K, Manko P, Rendoš M. and Svitok, M. 2024. Water-filled leaf axils in teasel plants: A study of often overlooked aquatic habitats. *Limnologia* 105: 12615.
- Pape T, Blagoderov V, Mostovski MB. 2011. Order Diptera Linnaeus, 1758. In: Zhang ZO, ed. *Animal biodiversity: an outline of higher-level classification and survey of taxonomic richness*. *Zootaxa* 3148: 222–229.
- Reiss F, Säwedel L. 1981. Keys to males and pupae of the Palaearctic (excl. Japan) *Paratanytarsus* Thienemann & Bause, 1913, n. comb., with descriptions of three species (Diptera: Chironomidae). *Entomologica Scandinavica Supplement* 15: 73–104.
- Rossaro B, Lencioni V, Casalegno C. 2003. Revision of West Palaearctic species of *Orthocladius* s. str. van der Wulp, 1874 (Diptera: Chironomidae: Orthocladiinae), with a new key to species. *Studi Trentini di Scienze Naturali - Acta Biologica* 79: 213–241.
- Ružičková H, Halada L, Jedlička L, Kalivodová E. 1996. *Biotopy Slovenska. Príručka k mapovaniu a katalóg biotopov*. ÚKE SAV, Nitra, 192 pp.
- Sæther OA, Ashe P, Murray DA. 2000. Family Chironomidae. In: Papp L, Darvas B, eds. *Contribution to a Manual of Palaearctic Diptera (with special reference to flies of economic importance)*. Appendix. Science Herald, Budapest, p. 113–334.
- Schlee D. 1968. Vergleichende Merkmalsanalyse zur Morphologie und Phylogenie der *Corynoneura*-Gruppe (Diptera: Chironomidae). Zugleich eine allgemeine Morphologie der Chironomiden-Image (♂). *Stuttgarter Beiträge zur Naturkunde* 180: 1–150.
- Skála I. 2011. Faunistic records from the Czech Republic – 318. *Klapalekiana* 47: 265–269.
- Skála I. 2012. Faunistic records from the Czech Republic – 331. *Klapalekiana* 48: 151–156.
- Skála I. 2013. Faunistic records from the Czech Republic – 347. *Klapalekiana* 49: 107–108.
- Skála I. 2014. Faunistic records from the Czech Republic – 372. Diptera: Chironomidae. *Klapalekiana* 50: 257–258.
- Skála I. 2015. Faunistic records from the Czech Republic – 383. Diptera: Chironomidae. *Klapalekiana* 51: 174.
- Skála I. 2024. Two species of the genus *Nilotanypus* (Diptera: Chironomidae) in Europe. *CHIRONOMUS Journal of Chironomidae Research* 38: 40–43.
- Soponis AR. 1977. A revision of the Nearctic species of *Orthocladius* (*Orthocladius*) van der Wulp (Diptera: Chironomidae). *Memoirs of the Entomological Society of Canada* 102: 1–187.
- Spies M, Sæther OA. 2013. Chironomidae. Fauna Europaea: In: Beuk P,

Pape T, eds. *Fauna Europaea: Diptera, Nematocera*. *Fauna Europaea version 2.6*. Internet database: <http://www.faunaeur.org> [accessed on 2019-11-10].

- Stur E, Ekrem T. 2006. A revision of West Palaearctic species of the *Micropsectra atrofasciata* group (Diptera: Chironomidae). *Zoological Journal of the Linnean Society* 146: 165–225.
- Syrovátka V, Langton PH. 2015. First records of *Lasiodiamesa gracilis* (Kieffer, 1924), *Parochlus kiefferi* (Garrett, 1925) and several other Chironomidae from the Czech Republic and Slovakia. *CHIRONOMUS Journal of Chironomidae Research* 28: 45–56.
- Ščerbáková S. 2016. New faunistic record of *Schineriella schineri* (Chironomidae: Diptera) from Slovakia. *Acta Musei Silesiae, Scientiae Naturales* 65: 149–151.
- Ščerbáková S, Bitušik P. 2015. New records of chironomids (Chironomidae: Diptera) from Slovakia/Nové nálezy pakomárov (Chironomidae: Diptera) zo Slovenska. *Acta Musei Silesiae, Scientiae Naturales* 64: 127–129.
- Špaček J. 2014. Faunisticky zajímavé nálezy vodních bezobratlých Krkonoš. *Opera Corcontica* 51: 199–204.
- Štillová V, Přidalová M, Novikmec M, Svitok M & Hamerlík L. 2016. First record of *Phaenopsectra flavipes* (Meigen, 1818) in Slovakia with notes on its ecology. *CHIRONOMUS Journal of Chironomidae Research* 29: 33–35.
- Štillová V, Ščerbáková S. 2019. First record of *Demicryptochironomus (Irmakia) neglectus* Reiss, 1988 in Slovakia. *CHIRONOMUS Journal of Chironomidae Research* (32): 60–63.
- Vráblová Z, Kokavec I, Navara T, Mláka M, Hamerlík L. 2023. First record of the genus *Anatopynia* Johannsen, 1905 (Diptera, Chironomidae) from Slovakia, in a semi-permanent oxbow lake. *Check List* 19(2): 177–181.