

**Contribution to the knowledge of long-legged flies (Diptera: Dolichopodidae)
of the Uzh River Basin, with additions to the checklist for Ukraine**

**Príspevok k poznaniu dlhonôžok (Diptera: Dolichopodidae)
povodia rieky Uh, s dodatkami k checklistu Ukrainy**

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Abstract. The results of undirected and non-intensive sampling of long-legged flies (Diptera: Dolichopodidae) in the Uzh River Basin are presented. *Rhaphium lanceolatum* Loew, 1850, *Teuchophorus monacanthus* Loew, 1859, *Teuchophorus simplex* Mik, 1880 and *Sympycnus simplicipes* Becker, 1908 were recorded from Ukraine for the first time. An updated checklist of Dolichopodidae of Ukraine, including 158 species, is added.

INTRODUCTION

The dolichopodid fauna of Ukraine is relatively well investigated. Scattered literature data on long-legged flies were published by Yaroshevskiy (1876, 1877, 1878, 1880, 1882, 1884, 1886, 1887) and Bobek (1897) more than one hundred years ago. Subsequently, Stackelberg (1930, 1933) added new records to the fauna of Ukraine. More recently, Chalaya & Negrobov (1989), Negrobov & Bulli (1986, 1987), Negrobov & Grichanov (1979), Negrobov & Stackelberg (1972, 1974), and Negrobov (1967, 1971, 1976, 1977, 1980) also contributed to the knowledge on the Ukrainian dolichopodid fauna. Finally, Negrobov & Rodionova (2004a, b), Negrobov & Maslova (1995, 2011), Grichanov (2007), and Negrobov et al. (2011) provided the most recent additions to the country's dolichopodid list. In the present paper, the first records of *Rhaphium lanceolatum* Loew, 1850, *Teuchophorus monacanthus* Loew, 1859, *T. simplex* Mik, 1880 and *Sympycnus simplicipes* Becker, 1908 from Ukraine are presented, which increase the number of long-legged flies known from Ukraine to 158 species (including 2 subspecies) (See Table 1).

MATERIAL AND METHODS

Long-legged flies were obtained from samples collected during a short sampling period (10.–12.viii.2015) along the Uzh River, performed as part of the project "Ephemeroptera, Plecoptera, and Diptera biodiversity trip along the Uzh river, Ukraine" supported by the FAN (B)-Förderkreis für allgemeine Naturkunde (Biologie). Samples that are presented in this paper were collected in the upper part of the Uzh River basin, in Ukraine. They were collected by sweep-netting from vegetation along streams (Uzh River and its tributaries) and lakes (Table 1, Fig. 1) by the second and third authors (JO, PM) and preserved in 75% ethanol. The list of collecting sites is given in Table 1, site

numbers in the text are formatted in bold and placed in square brackets. Information on the European distribution is given for those species recorded from Ukraine for the first time. The material is deposited in the collection of the first author (ON – Laboratory of Insect Systematics of Zoological Institute of the Russian Academy of Sciences and Zoological Museum of Moscow State University) who also identified the species.

Table 1. List of sampling sites along Uzh River Basin, Ukraine.

Tabuľka 1. Zoznam vzorkovaných lokalít pozdĺž povodia rieky Uh, Ukrajina.

Site No. lokalita č.	Site name (short description of locality) názov locality (krátky popis locality)	Latitude/ N geogr. šírka/ N	Longitude/ E geogr. dĺžka/ E	Altitude/ m a.s.l. nadmorská výška m n.m.
1	Uzh River, below the Uzhorod City	48°36'36.8"	22°13'49.4"	118
2	Uzh River, above the Uzhorod City	48°39'15.6"	22°21'03.6"	123
3	Uzh River, near the Nevyts'ke bridge	48°40'48.5"	22°24'11.0"	132
4	Shypot River, near the hydroelectric power plant	48°42'58.2"	22°49'16.0"	370
5	Shypot River, between hydroelectric power plants	48°45'13.9"	22°51'07.0"	380
6	Vojevodyn Stream	48°46'22.3"	22°52'30.8"	500
7	Shypotyky Stream	48°44'23.4"	22°50'17.1"	400
8	Uzh River, at the bridge to Dubrynyči	48°49'02.4"	22°29'36.8"	250
9	Lyuta River above the Chornoholova Village	48°51'43.0"	22°36'21.8"	405
10	Kamenychky Stream	48°48'37.4"	22°28'33.3"	255
11	Strychavka Stream	48°56'44.3"	22°28'17.3"	510
12	Lubnya River	49°00'37.0"	22°43'27.6"	135
13	tributary of River Uh, near the Sukhyi Village	48°58'12.2"	22°48'15.1"	650
14	Paportnyi Stream	49°01'41.3"	22°35'16.0"	580
15	Tykhyi Stream, near the Stuzhitysya Village	49°02'07.6"	22°34'42.2"	580
16	tributary of River Uh, near the Zahorb Village	49°00'42.3"	22°38'38.9"	1000
17	Sukhyi Stream above the Kam'yanytsya Village	48°42'46.3"	22°25'23.8"	212

RESULTS

Family Dolichopodidae

Campsicnemus curvipes (Fallén, 1823)

Material examined. [6], 10.viii.2015, 1 ♂; [7], 11.viii.2015, 1 ♂; [12], 12.viii.2015, 1 ♂; [13], 11.viii.2015, 1 ♂; [14], 10.viii.2015, 1 ♂.

Chrysotimus molliculus (Fallén, 1823)

Material examined. [2], 10.viii.2015, 1 ♂, 1 ♀; [10], 11.viii.2015, 2 ♂♂.

Dolichopus nubilus Meigen, 1824

Material examined. [7], 11.viii.2015, 1 ♂.

Liancalus virens (Scopoli, 1763)

Material examined. [14], 10.viii.2015, 1 ♂.

Note. Species already known from Ukraine (Pollet 2013), however, published records require revision.

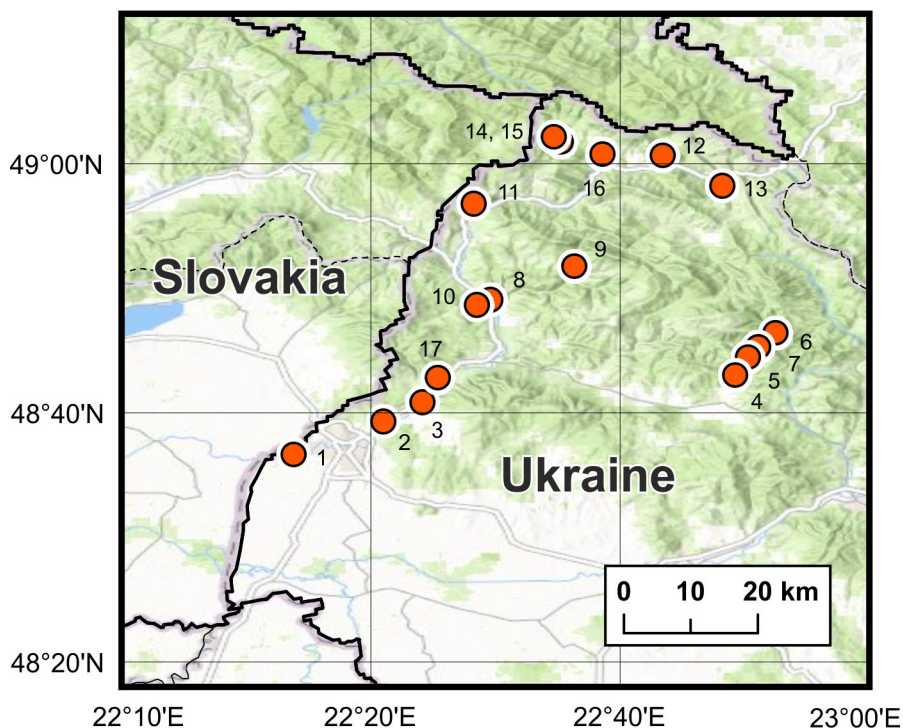


Fig. 1. Map showing all sampling sites in Ukraine.

Obr. 1. Mapa so všetkými zbernými lokalitami na Ukrajine.

***Rhaphium appendiculatum* Zetterstedt, 1849**

Material examined. [9], 11.viii.2015, 1 ♂; [10], 11.viii.2015, 2 ♂♂, 1 ♀.

Note. Species already known from Ukraine (Pollet 2013), however, published records require revision.

***Rhaphium lanceolatum* Loew, 1850**

Material examined. [2], 10.viii.2015, 1 ♂.

Distribution. Europe: Austria, Belgium, Czech Republic, Finland, France, Great Britain, Ireland, Norway, Romania, Slovakia and Sweden (Pollet 2013). **First record for Ukraine.**

***Rhaphium penicillatum* Loew, 1850**

Material examined. [3], 10.viii.2015, 1 ♂.

***Sybistroma obscurellum* (Fallén, 1823)**

Material examined. [6], 10.viii.2015, 1 ♂; [9], 11.viii.2015, 1 ♂; [11], 10.viii.2015, 2 ♂♂; [12], 12.viii.2015, 3 ♂♂, 1 ♀; [15], 11.viii.2015, 1 ♂; [16], 12.viii.2015, 1 ♂.

Note. Species already known from Ukraine (Pollet 2013), however, published records require revision.

Sympycnus simplicipes Becker, 1908

Material examined. [8], 11.viii.2015, 1 ♂, 1 ♀.

Distribution. Europe: Austria, Czech Republic, France, Germany, Greece (including Crete), Italy, Russia (South) and Spain (including Canary Islands) (Grichanov 2007, Pollet 2013).

First record for Ukraine.

Syntormon pallipes (Fabricius, 1794)

Material examined. [1], 10.viii.2015, 2 ♂♂; [2], 10.viii.2015, 1 ♂; [12], 12.viii.2015, 1 ♂.

Syntormon pumilum (Meigen, 1824)

Material examined. [1], 10.viii.2015, 1 ♂; [2], 10.viii.2015, 1 ♂; [4], 10.viii.2015, 1 ♂.

Teuchophorus monacanthus Loew, 1859

Material examined. [4], 10.viii.2015, 1 ♂; [7], 11.viii.2015, 1 ♂.

Distribution. Europe: Austria, Belgium, Bulgaria, Czech Republic, Denmark, France, Germany, Greece (including Crete), Great Britain, Hungary, Ireland, Italy, Luxembourg, Norway, Poland, Romania, Russia, Spain, Sweden, Switzerland and the Netherlands (Grichanov 2007, Pollet 2013). **First record for Ukraine.**

Teuchophorus simplex Mik, 1880

Material examined. [9], 11.viii.2015, 1 ♂, 1 ♀; [17], 12.viii.2015, 2 ♂♂.

Distribution. Europe: Austria, Belgium, Bulgaria, Czech Republic, France, Germany, Great Britain, Greece, Hungary, Poland and the Netherlands (Grichanov 2007, Pollet 2013). **First record for Ukraine.**

Xanthochlorus tenellus (Wiedemann, 1817)

Material examined. [5], 10.viii.2015, 3 ♂♂.

CONCLUSIONS

A total of 14 dolichopodid species were recorded from the Uzh River Basin in Ukraine during a three-day sampling period (10.–12.viii.2015). Four species, *Rhaphium lanceolatum*, *Teuchophorus monacanthus*, *T. simplex* and *Sympycnus simplicipes*, are recorded for first time from Ukraine. With these new records, the checklist of long-legged flies of Ukraine now includes 158 species, see Appendix.

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REFERENCES

BOBEK K. 1897: Przyczynek do fauny muchówek Podola galicyjskiego i okolicy Lwowa. [Contribution to the fauna of flies of Podola Galicia and the surrounding area Lviv]. *Sprawozdanie Komisji Fizjograficznej* **32**: 79–96 (in Polish).

- CHALAYA O. N. & NEGROBOV O. P. 1989: K faune roda Hercostomus Loew (Dolichopodidae, Diptera) SSSR. [The fauna of the genus Hercostomus Loew (Dolichopodidae, Diptera) USSR]. Pp. 106–109. In: *Fauna i sostoyanie populyatsii zhivotnykh Voronezhskoi oblasti*. Voronezh pedagogical institute (Deposited on All-Union Institute of Scientific and Technical Information of the Russian Academy of Sciences (VINITI) 07.02.1989, No. 792-B 89), Voronezh, 120 pp. (in Russian).
- GRICHANOV I. Ya. 2007: *A checklist and keys to Dolichopodidae (Diptera) of the Caucasus and East Mediterranean*. VIZR RAAS, (Plant Protection News, Supplement), St. Petersburg, 160 pp.
- MASLOVA O. O. & NEGROBOV O. P. 2011: Novyye Nakhodki Chrysotus collini (Dolichopodidae, Diptera). [New Records of Chrysotus collini (Dolichopodidae, Diptera)]. *Vestnik Zoologii* **45**: 478 (in Russian).
- NEGROBOV O. P. 1967: Novye palearkticheskie vidy podsemeystva Medeterinae (Dolichopodidae, Diptera). [New Palaearctic species of the subfamily Medeterinae (Dolichopodidae, Diptera)]. *Entomologicheskoe Obozrenie* **45**: 890–908 (in Russian).
- NEGROBOV O. P. 1971: Revizija palearkticheskikh vidov dvukrylykh roda Thinophilus (Diptera, Dolichopodidae). [Revision of Palaearctic species of Diptera of the genus Thinophilus (Diptera, Dolichopodidae)]. *Entomologicheskoe Obozrenie* **50**: 896–910 (in Russian).
- NEGROBOV O. P. 1975: Vidy roda Hydrophorus (Dolichopodidae, Diptera) fauny SSSR. [Species of the genus Hydrophorus (Dolichopodidae, Diptera) of the USSR fauna]. Pp. 63–66. In: SKUFJIN K. W. (ed.): *Problemy izucheniya i okhrany landshaftov*. Voronezhskiy gosudarstvennyy universitet im. Leninskogo komsomola, Voronezh, 79 pp. (in Russian).
- NEGROBOV O. P. 1976: Novye i maloizvestnye vidy semeystva Dolichopodidae (Diptera) fauny SSSR i sopredelnykh territorii. [New and little known species of the family Dolichopodidae (Diptera) fauna of the USSR and adjacent territories]. *Nauchnye Doklady Vysshei Shkoly Biologicheskie Nauki* **8**: 45–50 (in Russian).
- NEGROBOV O. P. 1977: Maloizvestnye evropeiskie vidy semeystva Dolichopodidae (Diptera). [Little-known European species of the family Dolichopodidae (Diptera)]. Pp. 54–56. In: SCARLATO O. A., TOBIAS V. I., RICHTER V. A. (eds): *Novye i maloizvestnye vidy nasekomykh evropeiskoi chasti SSSR*. [New and poorly known species of insects in the European part of USSR]. Sankt-Peterburgskaya izdatel'sko-knigotorgovaya firma "Nauka" (Sankt-Peterburg), Leningrad, 116 pp. (in Russian).
- NEGROBOV O. P. 1980: K izucheniju fauny sem. Dolichopodidae (Diptera) Ukrainy. [To studying of Dolichopodidae (Diptera) fauna of Ukrainian]. Pp. 49–50. In: VASIL'YEV V. P. (ed.): *Researches on entomology and acarology in Ukraine, Uzhgorod: theses of reports of the 2nd congress of IEU*. Naukova Dumka, Kiev, 300 pp. (in Russian).
- NEGROBOV O. P. 2000: Revision of the Palaearctic species of the genus Micromorphus Mik. (Diptera: Dolichopodidae). *International Journal of Dipterological Research* **11**: 19–26.
- NEGROBOV O. P. & BULLIA F. 1986: Maloizvestnye vidy semeystva Dolichopodidae (Diptera) iz Zaporozhskoy oblasti. [Little-known species of Dolichopodidae (Diptera) family from Zaporozhye district]. Voronezhskiy pedagogicheskii institut (Deposited on All-Union Institute of Scientific and Technical Information of the Russian Academy of Sciences (VINITI) 24.01.1986, No. 1444-B 86), Voronezh, 5 pp. (in Russian).
- NEGROBOV O. P. & BULLIA F. 1987: K izucheniju dolichopodid (Dolichopodidae, Diptera) fauny Ukrainy. [To studying of Dolichopodidae (Diptera) of Ukrainian fauna]. Pp. 134–135. In: VASIL'YEV V. P. (ed.): *III congress of the Ukrainian entomological society: theses of reports*. Kanes, Kiev, 254 pp. (in Russian).
- NEGROBOV O. P. & GRICHANOV I. Ya. 1979: Novye i maloizvestnye vidy Dolichopodidae (Diptera) jugo-zapada Evropeisko ichasti SSSR. [New and little known species Dolichopodidae (Diptera) southwest European USSR areas]. *Vestnik Zoologii* **2**: 65–67 (in Russian).
- NEGROBOV O. P. & MASLOVA O. O. 1995: Revizija palearkticheskikh vidov roda Chrysotus Mg. (Diptera, Dolichopodidae). [Revision of Palaearctic species of the genus Chrysotus]. *Entomologicheskoe Obozrenie* **74**: 456–466 (in Russian).
- NEGROBOV O. P., MASLOVA O. O. & SELIVANOVA O. V. 2011: New and little known species of the genus Dolichopus Latreille, 1796 (Diptera, Dolichopodidae) from Russia. *Far East Entomologist* **232**: 11–16.
- NEGROBOV O. P. & RODIONOVA S. Y. 2004a: New data on fauna of subfamily Dolichopodinae (Dolichopodidae, Diptera) in Russia and neighbouring territories (genus Hercostomus Lw.). *International Journal of Dipterological Research* **15**: 201–204.
- NEGROBOV O. P. & RODIONOVA S. Y. 2004b: New data on fauna of subfamily Dolichopodinae (Dolichopodidae, Diptera) in Russia and neighbouring territories (genera Dolichopus Latr. and Tachytrechus Walk.). *International Journal of Dipterological Research* **15**: 191–196.

- NEGROBOV O. P. & SILINA A. Ye. 1988. *Nekotoryye dannyye po faune i ekologii Dolichopodidae (Diptera) Gomel'skoy oblasti*. [Some data on the fauna and ecology of Dolichopodidae (Diptera) in the Gomel region]. Voronezh State University, Voronezh, 14 pp. (in Russian).
- NEGROBOV O. P. & STACKELBERG A. A. 1972: Dolichopodidae. Pp. 257–302. In: LINDNER E. (ed.): *Die Fliegen der palaarktischen Region*. 4(5), Lief. **289**: 238–354.
- NEGROBOV O. P. & STACKELBERG A. A. 1974: Dolichopodidae. Pp. 303–324. In: LINDNER E. (ed.): *Die Fliegen der palaarktischen Region*. 4(5), Lief. **302**: 238–354.
- POLLET M. 2013: Fauna Europaea: 29. Dolichopodidae. In: PAPE T. (ed.): *Fauna Europaea: Diptera, Brachycera*. Fauna Europaea version 2.6.2. <http://www.fauneur.org>. (accessed 28 August 2016)
- STACKELBERG A. A. 1930: 29. Dolichopodidae. Pp. 1–64. In: LINDNER E. (ed.): *Die Fliegen der Palaearktischen Region*. 4(5), Lief. **59**: 3–300.
- STACKELBERG A. A. 1933: 29. Dolichopodidae. Pp. 65–128. In: LINDNER E. (ed.): *Die Fliegen der Palaearktischen Region*. 4(5), Lief. **71**: 3–300.
- YAROSHEVSKIY V. A. 1876: Spisok dvukrylykh nasekomykh, sobrannykh preimushchestvenno v Khar'kove i yego okrestnostyakh. [List of Diptera collected mainly in Kharkov and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **10**: 1–49 (in Russian).
- YAROSHEVSKIY V. A. 1877: Dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey s ukazaniyem rasprostraneniya ikh v predelakh Yevropeyskoy Rossii. [An addition to the list of Diptera of Kharkov and its surroundings, with an indication of their distribution within European Russia]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **11**: 1–138 (in Russian).
- YAROSHEVSKIY V. A. 1878: II dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey. [II. the addition to the list of Kharkov Diptera and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **12**: 1–30 (in Russian).
- YAROSHEVSKIY V. A. 1880: III dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey [III. an addition to the list of Diptera of Kharkov and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **13**: 133–149 (in Russian).
- YAROSHEVSKIY V. A. 1882: IV dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey. [IV an addition to the list of Diptera of Kharkov and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **16**: 1–80 (in Russian).
- YAROSHEVSKIY V. A. 1884: V dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey. [V an addition to the list of Diptera of Kharkov and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **17**: 10–33 (in Russian).
- YAROSHEVSKIY V. A. 1886: VI dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey. [VI an addition to the list of Diptera of Kharkov and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **19**: 16–40 (in Russian).
- YAROSHEVSKIY V. A. 1887: VII dopolneniye k spisku dvukrylykh nasekomykh Khar'kova i yego okrestnostey. [VII an addition to the list of Diptera of Kharkov and its surroundings]. *Trudy Khar'kovskogo Obshchestva Ispytateley Prirody* **20**: 111–150 (in Russian).

SÚHRN

Príspevok prináša prvé informácie o faune dlhonôžok (Diptera: Dolichopodidae) z povodia rieky Uh (Ukraina), ktoré boli získané vďaka podpore organizácie FAN (B)- Förderkreis für allgemeine Naturkunde (Biologie) v rámci projektu „Ephemeroptera, Plecoptera, Diptera biodiversity trip along the Uzh river, Ukraine“. Z náhodných zberov bolo v povodí rieky Uh identifikovaných celkovo 14 druhov dlhonôžok, z ktorých 4 druhy (*Rhaphium lanceolatum*, *Teuchophorus monacanthus*, *T. simplex* a *Sympycnus simplicipes*) predstavujú prvonálezy pre faunu Ukrajiny. V príspevku je z dostupných literárnych zdrojov zostavený aktualizovaný zoznam (check-list) čelade dlhonôžok Dolichopodidae pre Ukrajinu.

APPENDIX

Checklist of long-legged flies (Diptera: Dolichopodidae) of Ukraine. Species new to Ukraine are marked with an asterisk (*), first/oldest country record is given between square brackets [].

Note. Many published species records from Ukraine are listed without collecting and locality data. These records need to be confirmed based on the revision of the collected specimens. These species are thus not included in this checklist.

Checklist dlhonôžok (Diptera: Dolichopodidae) Ukrajiny. Druhy nové pre Ukrajinu sú označené hviezdíčkou (*), prvozáznam pre krajinu (ak je dostupný) je v hranatej zátvorke [].

Poznámka. Viacero publikovaných údajov o výskyte dlhonôžok z Ukrajiny je uvedených bez bližších informácií o zbere a lokalite zberu. Tieto údaje je nutné potvrdiť na základe revízie zozbieraných vzoriek. Tieto druhy preto nie sú zaradené v kontrolnom zozname.

Family Dolichopodidae

Diaphorinae

Argyra argyria (Meigen, 1824) [Bobek 1897]
Argyra diaphana (Fabricius, 1775) [Yaroshevskiy 1882]
Argyra elongata (Zetterstedt, 1843) [Negrobov & Bulli 1987]
Argyra grata Loew, 1857 [Yaroshevskiy 1884]
Argyra hoffmeisteri (Loew, 1850) [Negrobov 1976]
Argyra ilonae Gosseries, 1989 [Yaroshevskiy 1887]
Argyra leucocephala (Meigen, 1824) [Yaroshevskiy 1886]
Argyra setulipes Becker, 1918 [Negrobov & Bulli 1987]
Chrysotus cilipes Meigen, 1824 [Negrobov et al. 2011]
Chrysotus collini Parent, 1923 [Negrobov et al. 2011]
Chrysotus gramineus (Fallén, 1823) [Yaroshevskiy 1878]
Chrysotus laesus (Wiedemann, 1817) [Yaroshevskiy 1886]
Chrysotus monochaetus Kowarz, 1874 [Negrobov & Grichanov 1979]
Chrysotus monticola Negrobov et Maslova, 1995 [Negrobov & Maslova 1995]
Chrysotus suavis Loew, 1857 [Bobek 1897]
Diaphorus winthemi Meigen, 1824 [Bobek 1897]

Dolichopodinae

Dolichopus acuticornis Wiedemann, 1817 [Bobek 1897]
Dolichopus agilis Meigen, 1824 [Bobek 1897]
Dolichopus angustipennis Kertész, 1901 [Negrobov & Bulli 1987]
Dolichopus arbustorum Stannius, 1831 [Negrobov & Bulli 1987]
Dolichopus argyrotarsis Wahlberg, 1850 [Negrobov 1980]
Dolichopus asiaticus Negrobov, 1973 [Negrobov & Bulli 1987]
Dolichopus brevipennis Meigen, 1824 [Negrobov & Silina 1988]
Dolichopus calinotus Loew, 1871 [Negrobov & Bulli 1987]
Dolichopus campestris Meigen, 1824 [Bobek 1897]
Dolichopus cilifemoratus Macquart, 1827 [Negrobov 1980]
Dolichopus claviger Stannius, 1831 [Negrobov 1980]
Dolichopus clavipes clavipes Haliday, 1832 [Negrobov & Bulli 1987]
Dolichopus clavipes fusciformis Becker, 1917 [Negrobov 1977]
Dolichopus diadema Haliday, 1832 [Negrobov & Grichanov 1979]
Dolichopus festivus Haliday, 1832 [Yaroshevskiy 1887]
Dolichopus gubernator Mik, 1878 [Negrobov 1977]
Dolichopus hilaris Loew, 1862 [Negrobov 1977]

Dolichopus jaxarticus Stackelberg, 1927 [Negrobov & Bulli 1987]
Dolichopus latilimbatus Macquart, 1827 [Bobek 1897]
Dolichopus litorellus Zetterstedt, 1852 [Negrobov & Bulli 1987]
Dolichopus longicornis Stannius, 1831 [Negrobov & Bulli 1987]
Dolichopus migrans Zetterstedt, 1843 [Yaroshevskiy 1882]
Dolichopus nigricornis Meigen, 1824 [Yaroshevskiy 1882]
Dolichopus nitidus Fallén, 1823 [Yaroshevskiy 1887]
Dolichopus nubilus Meigen, 1824 [Negrobov & Bulli 1987]
Dolichopus pennatus Meigen, 1824 [Negrobov & Bulli 1987]
Dolichopus planitarsis Fallén, 1823 [Negrobov 1980]
Dolichopus platylepis Negrobov et Grichanov, 1979 [Negrobov & Grichanov 1979]
Dolichopus plumipes (Scopoli, 1763) [Bobek 1897]
Dolichopus popularis Wiedemann, 1817 [Yaroshevskiy 1882]
Dolichopus sabinus Haliday, 1838 [Negrobov & Bulli 1987]
Dolichopus salictorum Loew, 1871 [Negrobov et al. 2011]
Dolichopus signatus Meigen, 1824 [Yaroshevskiy 1887]
Dolichopus signifer Haliday, 1832 [Negrobov & Bulli 1987]
Dolichopus simplex Meigen, 1824 [Yaroshevskiy 1877]
Dolichopus strigipes Verrall, 1875 [Negrobov & Grichanov 1979]
Dolichopus unguulatus (Linnaeus, 1758) [Yaroshevskiy 1876]
Ethiomyia chalybeus (Wiedemann, 1817) [Negrobov 1980]
Gymnopternus aerosus (Fallén, 1823) [Negrobov & Bulli 1987]
Gymnopternus assimilis (Staeger, 1842) [Negrobov & Bulli 1987]
Gymnopternus brevicornis (Staeger, 1842) [Chalaya & Negrobov 1989]
Gymnopternus celer (Meigen, 1824) [Chalaya & Negrobov 1989]
Hercostomus apollo (Loew, 1869) [Chalaya & Negrobov 1989]
Hercostomus blepharopus Loew, 1871 [Chalaya & Negrobov 1989]
Hercostomus chaerophylli (Meigen, 1824) [Bobek 1897]
Hercostomus chetifer (Walker, 1849) [Chalaya & Negrobov 1989]
Hercostomus convergens (Loew, 1857) [Negrobov & Grichanov 1979]
Hercostomus fulvicaudis (Haliday, 1851) [Negrobov 1980]
Hercostomus fuscipennis (Meigen, 1824) [Negrobov 1980]
Hercostomus germanus (Wiedemann, 1817) [Negrobov 1980]
Hercostomus griseifrons Becker, 1910 [Negrobov & Rodionova 2004b]
Hercostomus nanus (Macquart, 1827) [Negrobov 1976]
Hercostomus nigriplantis (Stannius, 1831) [Yaroshevskiy 1887]
Hercostomus rusticus (Meigen, 1824) [Chalaya & Negrobov 1989]
Hercostomus vivax (Loew, 1857) [Chalaya & Negrobov 1989]
Poecilobothrus chrysozygos (Wiedemann, 1817) [Yaroshevskiy 1877]
Poecilobothrus comitalis (Kowarz, 1867) [Negrobov & Bulli 1987]
Poecilobothrus ducalis (Loew, 1857) [Negrobov & Bulli 1987]
Poecilobothrus principalis (Loew, 1861) [Yaroshevskiy 1878]
Poecilobothrus regalis (Meigen, 1824) [Negrobov 1980]
Sybistroma obscurellum (Fallén, 1823) [unknown]
Tachytrechus insignis (Stannius, 1831) [Yaroshevskiy 1878]
Tachytrechus ripicola Loew, 1857 [Negrobov 1980]

Hydrophorinae

Hydrophorus balticus (Meigen, 1824) [Negrobov & Bulli 1987]
Hydrophorus brunnicosus Loew, 1857 [Negrobov & Silina 1988]
Hydrophorus callostomus Loew, 1857 [Negrobov 1980]
Hydrophorus litoreus Fallén, 1823 [Negrobov 1975b]
Hydrophorus praecox (Lehmann, 1822) [Negrobov 1980]
Hydrophorus viridis (Meigen, 1824) [Negrobov & Bulli 1987]
Liancalus virens (Scopoli, 1763) [unknown]
Orthoceratium lacustre (Scopoli, 1763) [Negrobov 1980]
Scellus notatus (Fabricius, 1781) [Negrobov 1980]
Scellus spinimanus (Zetterstedt, 1843) [Negrobov 1980]
Schoenophilus versutus (Haliday, 1851) [Negrobov 1976]
Thinophilus argyropalpis Becker, 1907 [Negrobov 1980]
Thinophilus flavipalpis (Zetterstedt, 1843) [Negrobov 1980]
Thinophilus ruficornis (Haliday, 1838) [Negrobov 1971]
Thinophilus spinulosus Parent, 1929 [Negrobov & Bulli 1987]

Medeterinae

Medetera abstrusa Thunberg, 1955 [Negrobov 1971]
Medetera ambigua (Zetterstedt, 1843) [Negrobov & Bulli 1987]
Medetera capitiloba Negrobov, 1971 [Negrobov & Stackelberg 1972]
Medetera diadema (Linnaeus, 1767) [Yaroshevskiy 1886]
Medetera dichrocera Kowarz, 1877 [Negrobov 1980]
Medetera excellens Frey, 1909 [Negrobov 1980]
Medetera impigra Collin, 1941 [Negrobov 1967]
Medetera meridionalis Negrobov, 1967 [Negrobov 1967]
Medetera micacea Loew, 1857 [Negrobov 1980]
Medetera mixta Negrobov, 1967 [Negrobov 1980]
Medetera perfida Parent, 1932 [Negrobov 1980]
Medetera signaticornis Loew, 1857 [Negrobov 1980]
Medetera truncorum Meigen, 1824 [Yaroshevskiy 1878]
Thrypticus politus Negrobov, 1967 [Negrobov 1980]
Thrypticus smaragdinus Gerstäcker, 1864 [Negrobov 1980]

Neurigoninae

Neurigona erichsoni (Zetterstedt, 1843) [Yaroshevskiy 1884]
Neurigona pallida (Fallén, 1823) [Negrobov 1980]

Peloropecodinae

Chrysotimus molliculus (Fallén, 1823) [Yaroshevskiy 1878]
Micromorphus minusculus Negrobov, 2000 [Negrobov 2000]
Micromorphus shamshevi Negrobov, 2000 [Negrobov 2000]

Rhaphiinae

Nematoproctus distendens (Meigen, 1824) [Yaroshevskiy 1886]
Nematoproctus praeseclus Loew, 1869 [Negrobov & Bulli 1987]
Rhaphium antennatum (Carlier, 1835) [Negrobov & Bulli 1987]

Rhaphium appendiculatum Zetterstedt, 1849 [unknown]
Rhaphium auctum Loew, 1857 [Negrobov 1976]
Rhaphium caliginosum (Zetterstedt, 1843) [Negrobov & Bulli 1987]
Rhaphium elegantulum (Meigen, 1824) [Negrobov & Silina 1988]
Rhaphium ensicorne Meigen, 1824 [Negrobov 1977]
Rhaphium fascipes (Meigen, 1824) [Negrobov & Bulli 1987]
**Rhaphium lanceolatum* Loew, 1850
Rhaphium laticorne (Fallén, 1823) [Negrobov & Silina 1988]
Rhaphium micans (Meigen, 1824) [Negrobov & Silina 1988]
Rhaphium nasutum (Fallén, 1823) [Negrobov & Silina 1988]
Rhaphium penicillatum Loew, 1850 [Negrobov & Silina 1988]
Rhaphium xiphias Meigen, 1824 [Negrobov 1977]

Sciapodinae

Sciapus albifrons (Meigen, 1830) [Negrobov & Bulli 1987]
Sciapus bellus (Loew, 1873) [Stackelberg 1933]
Sciapus contristans (Wiedemann, 1817) [Bobek 1897]
Sciapus longulus (Fallén, 1823) [Negrobov & Bulli 1987]
Sciapus nervosus (Lehmann, 1822) [Yaroshevskiy 1886]
Sciapus platypterus (Fabricius, 1805) [Bobek 1897]
Sciapus subvicinus Grichanov, 2007 [Negrobov & Bulli 1987]
Sciapus wiedemanni (Fallén, 1823) [Negrobov 1980]

Sympycninae

Campsicnemus curvipes (Fallén, 1823) [Bukovskiy 1940]
Campsicnemus filipes Loew, 1859 [Negrobov & Bulli 1987]
Campsicnemus lumbatus Loew, 1857 [Negrobov & Bulli 1987]
Campsicnemus magius (Loew, 1845) [Negrobov & Bulli 1987]
Campsicnemus marginatus Loew, 1857 [Negrobov & Silina 1988]
Campsicnemus picticornis (Zetterstedt, 1843) [Negrobov & Bulli 1987]
Campsicnemus scambus (Fallén, 1823) [Negrobov & Bulli 1987]
Campsicnemus simplicissimus Strobl, 1906 [Negrobov & Bulli 1987]
Lamprochromus speciosus (Loew, 1871) [Negrobov & Grichanov 1979]
Sympycnus brevimanus Loew, 1857 [Negrobov 1976]
Sympycnus pulicarius (Fallén, 1823) [Negrobov & Bulli 1987]
**Sympycnus simplicipes* Becker, 1908
Syntormon filiger Verrall, 1912 [Negrobov 1980]
Syntormon fuscipes (von Roser, 1840) [Negrobov 1980]
Syntormon pallipes (Fabricius, 1794) [Negrobov 1980]
Syntormon pumilum (Meigen, 1824) [Negrobov & Bulli 1987]
Syntormon tarsatum (Fallén, 1823) [Negrobov & Bulli 1987]
**Teuchophorus monacanthus* Loew, 1859
**Teuchophorus simplex* Mik, 1880

Xanthochlorinae

Xanthochlorus ornatus (Haliday, 1832) [Negrobov 1980]
Xanthochlorus tenellus (Wiedemann, 1817) [Bobek 1897]