

УДК 595.722

DOI: 10.33910/2686-9519-2019-11-3-206-217

<http://zoobank.org/References/21D47C44-5D0C-47C5-AC59-C0B154DF77EB>

NEW RECORDS OF LONG-LEGGED FLIES (DIPTERA, DOLICHOPODIDAE) FROM NOVGOROD REGION OF RUSSIA WITH AN ANNOTATED CHECKLIST OF SPECIES

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Abstract. During recent short-term surveys conducted in the Novgorod Region of Russia, 17 species of Dolichopodidae (Diptera, Brachycera, Dolichopodidae) were collected. *Argyra argyria* (Meigen, 1824), *Campsicnemus curvipes* (Fallén, 1823), *Dolichopus cilifemoratus* Macquart, 1827, *Gymnopternus brevicornis* (Staeger, 1842), *Hydrophorus brunnicosus* Loew, 1857, *Sympycnus aeneicoxa* (Meigen, 1824), *Syntormon bicolorellus* (Zetterstedt, 1843) and *Telmaturgus tumidulus* (Raddatz, 1873) were recorded in Novgorod Region for the first time. An annotated checklist of Novgorod regional fauna was compiled, including 14 genera and 44 species. In addition, current information on the geographical distribution for each species was included in the checklist.

Keywords: Dolichopodidae, Novgorod Region, new records; catalogue.

НОВЫЕ УКАЗАНИЯ ХИЩНЫХ МУХ-ЗЕЛЕНУШЕК (DIPTERA, DOLICHOPODIDAE) ИЗ НОВГОРОДСКОЙ ОБЛАСТИ И АННОТИРОВАННЫЙ СПИСОК ВИДОВ

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Аннотация. В статье приведены новые данные о распространении в Новгородской области 17 видов мух-зеленушек (Diptera, Brachycera, Dolichopodidae). Восемь видов — *Argyra argyria* (Meigen, 1824), *Campsicnemus curvipes* (Fallén, 1823), *Dolichopus cilifemoratus* Macquart, 1827, *Gymnopternus brevicornis* (Staeger, 1842), *Hydrophorus brunnicosus* Loew, 1857, *Sympycnus aeneicoxa* (Meigen, 1824), *Syntormon bicolorellus* (Zetterstedt, 1843) и *Telmaturgus tumidulus* (Raddatz, 1873) — впервые отмечаются в фауне области. Составлен аннотированный список видов, известных из региона, включающий 14 родов и 44 вида. Даны также сведения о глобальном распространении каждого вида.

Ключевые слова: Dolichopodidae, Новгородская область, новые указания, список видов.

INTRODUCTION

Novgorod Region borders with Leningrad Region in the north and northwest, Vologda Region in the east, Tver Region in the southeast and south, and Pskov Region in the southwest. The western part is a lowland around Ilmen Lake, while the eastern part is a highland (northern ridges of the Valdai Hills) with the highest point named Mount Ryzhokha in the Valdai District (296 m).

In the case of long-legged flies, the territory of Novgorod Region remains undercollected, with very few research articles devoted to this land (Negrobov et al. 2013; Grichanov 2017). The first paper with a list of dolichopodid flies was published by Stackelberg (1918) who collected 29 species in the Borovichsky District in 1917. Later several species were added to the regional fauna in the environs of Velikiy Novgorod (see list below).

The material for this study was collected by the authors of this paper during short-term visits to the Velikiy Novgorod environs, Valdaiskiy and Krestetskiy districts in 2003, 2005, 2012, 2018 and 2019. For these localities collector's names are omitted in the list. In addition, two specimen collected in the Valdaiskiy District were found among the unsorted material of the Zoological Institute of the Russian Academy of Sciences, St Petersburg (ZIN).

New records are listed below, and an annotated checklist of 44 species has been compiled, with entries arranged alphabetically. The information on the global distribution for each species listed follows Grichanov (2017). The type localities are provided and the country lists are arranged alphabetically. The words "Region" (oblast) and "Territory" (kray) are omitted from the list of Russian regions. Remarks are provided where deemed necessary. The collected material of the newly-recorded species has been mounted on pins to be deposited at the Zoological Institute of the Russian Academy of Sciences.

CHECKLIST AND NEW RECORDS OF DOLICHOPODIDAE

Argyra Macquart, 1834

Argyra argyria (Meigen, 1824)

Material. 3♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [probably Aachen, Germany]. Palaearctic: Austria, Azerbaijan, Belarus (Minsk), Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece (Crete), Hungary, Italy, Latvia, Moldova, Morocco, Netherlands, Norway, Poland, ?Romania, Russia (Crimea, Krasnodar, Leningrad, Lipetsk, Pskov, Vologda, Voronezh), Slovakia, Spain (incl. Canary Is.), Sweden, Switzerland, Turkey (Afyonkarahisar, Kutahya, Usak), UK, Ukraine (Chernovtsy, Lvov, Ternopol, Uzhgorod). New for Novgorod Region.

Campsicnemus Haliday, 1851

Campsicnemus curvipes (Fallén, 1823)

Material. 2♂, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [Sweden]. Palaearctic: Abkhazia, Algeria, Armenia, Austria, Azerbaijan, Belarus (Minsk), Belgium, Bulgaria, Czech Republic, Croatia, Denmark, Estonia, Finland, France, Georgia, Germany, Greece incl. Crete, Hungary, Iran, Ireland, Italy, Latvia, Luxembourg, Morocco, Netherlands, Norway, Poland, Portugal (Azores and Madeira), Romania, Russia (Adygea, Alania, Altai Terr., Belgorod, Chechnya, Crimea, Dagestan, Ivanovo, Kabardino-Balkaria, Kaluga, Karachay-Cherkessia, Karelia, Krasnodar, Krasnoyarsk, Kursk, Lipetsk, Leningrad, Moscow, Novosibirsk, Perm, Pskov, Ryazan, Stavropol, Tatarstan, Vologda, Voronezh), Serbia, Slovakia, Spain (incl. Canary Is.), Sweden, Switzerland, Turkey (Antalya, Bolu), UK, Ukraine (Odessa, Ternopol). New for Novgorod Region.

Campsicnemus pumilio (Zetterstedt, 1843)

References. Grichanov 2012, 251 (Velikiy Novgorod env., 4 July 2012).

Distribution. Type locality: Sweden: "Sueciam in Scania ad Scandhammar et Silfakra". Palaearctic: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, N Kazakhstan, Kyrgyzstan, Netherlands, Poland, Romania, Russia (Karelia, Krasnodar, Krasnoyarsk, Leningrad, Moscow, Novgorod, Ryazan, Yakutia, Kamchatka), Sweden, UK.

***Campsicnemus scambus* (Fallén, 1823)**

References. Grichanov 2012, 251 (Velikiy Novgorod env., 4 July 2012).

Material. 4♂, 4♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: Sweden: Esperod. Palaearctic: Austria, Belarus (Minsk), Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Altai Rep., Altai Terr., Arkhangelsk, Bashkortostan, Chelyabinsk, Yekaterinburg, Irkutsk, Khabarovsk, Khanty-Mansi, Kaliningrad, Kamchatka, Karelia, Komi, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Nenets, Novosibirsk, Pskov, Ryazan, Saratov, Tver, Tatarstan, Velikiy Novgorod, Vladivostok, Vologda, Voronezh, Yamalo-Nenets), Slovakia, Sweden, Switzerland, UK, Ukraine (Kherson, Odessa).

***Chrysotus* Meigen, 1824**

***Chrysotus cilipes* Meigen, 1824**

References. Stackelberg 1918, 2153 (25 July).

Distribution. Type locality: Germany: Hamburg. Palaearctic: Abkhazia, Armenia, Austria, Azerbaijan, Belgium, Bosnia and Herzegovina, Bulgaria, China, Croatia, Czech Republic, Estonia, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Japan, Kazakhstan, Korea, Latvia, Lithuania, Luxembourg, Mongolia, Netherlands, Norway, Poland, Portugal (Madeira), Romania, Russia (Adygea, Altai Rep., Altai Terr., Astrakhan, Blagoveshchensk, Buryatia, Chita, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Moscow, Leningrad, Novosibirsk, Pskov, Rostov, Sakhalin, Tomsk, Velikiy Novgorod, Vladivostok, Voronezh, Yakutia), Slovakia, Spain, Sweden, Switzerland, Turkey, UK, Ukraine.

***Chrysotus femoratus* Zetterstedt, 1843**

References. Stackelberg 1918, 2153 (1–26 July).

Distribution. Type locality: Denmark: Amager. Palaearctic: Austria, Belgium, China (Hebei, Jilin, Inner Mongolia, Shaanxi), Czech Republic, Denmark, Estonia, Finland, France, Geor-

gia, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Moldova, Mongolia, Netherlands, Norway, Poland, Portugal (Madeira), Romania, Russia (Adygea, Altai Rep., Arkhangelsk, Blagoveshchensk, Irkutsk, Kamchatka, Karelia, Karachay-Cherkessia, Khabarovsk, Krasnodar, Leningrad, Murmansk, Pskov, Ryazan, Sakhalin, Tatarstan, Velikiy Novgorod, Vladivostok, Voronezh, Yakutia), Slovakia, Sweden, Switzerland, Turkey (Erzurum, Hakkari), UK, Ukraine.

***Chrysotus gramineus* (Fallén, 1823)**

References. Stackelberg 1918, 2153 (30 June — 30 July).

Material. 2♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [Sweden]. Palaearctic: Abkhazia, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, China; Czech Republic, Denmark, Estonia; Finland, France, Georgia, Germany, Greece, Hungary, Ireland, Italy, Korea, Kyrgyzstan, Latvia, Lithuania, Moldova, Netherlands, Norway, Poland, Romania, Russia (Adygea, Alania, Altai Rep., Arkhangelsk, Bashkortostan, Blagoveshchensk, Buryatia, Chelyabinsk, Chita, Chukotka, Crimea, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Kostroma, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Orel, Orenburg, Pskov, Ryazan, Sakhalin, Tatarstan, Tomsk, Velikiy Novgorod, Vologda, Voronezh, Yakutia, Yaroslavl), Slovakia, Spain, Sweden, Switzerland, Tajikistan, Turkey (Hakkari, Erzurum, Kars), Turkmenistan, UK, Ukraine (Cherkasy, Kharkov, Kherson).

***Chrysotus neglectus* (Wiedemann, 1817)**

References. Stackelberg 1918, 2153 (30 June — 3 July).

Material. 2♀, Terekhovo vil., Valday env., 1–3.08.1962, Garnovskaya.

Distribution. Type locality: Germany: Holstein. Palaearctic: Armenia, Austria, Belarus, Belgium, Bosnia and Herzegovina, China (Shanghai) Czech Republic, Denmark, Estonia, Germany, Ireland, Finland, France, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Mongolia, Netherlands, Norway, Poland, Portugal (Madeira), Romania, Rus-

sia (Alania, Altai, Arkhangelsk, Blagoveshchensk, Bryansk, Buryatia, Chechnya, Chelyabinsk, Chita, Dagestan, Kamchatka, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Mordovia, Moscow, Murmansk, Omsk, Pskov, Samara, Tomsk, Velikiy Novgorod, Vladivostok, Voronezh, Yakutia), Spain, Sweden, Switzerland, Tajikistan, UK, Ukraine (Cherkasy, Kiev, Lvov, Sumy, Uzhgorod), Uzbekistan.

Dolichopus Latreille, 1796

***Dolichopus apicalis* Zetterstedt, 1849**

References. Stackelberg 1918, 2153 (2 July).

Distribution. Type locality: Denmark: Soro. Palaearctic: Belgium, Czech Republic, Denmark, Finland, Germany, Italy, Latvia, Poland, Russia (Buryatia, Kursk, Leningrad, Magadan, Pskov, Saratov, Taimyr, Velikiy Novgorod, Vologda, Voronezh), N Kazakhstan, Sweden.

***Dolichopus brevipennis* Meigen, 1824**

References. Stackelberg 1918, 2153 (26 June — 5 July).

Distribution. Type locality: Sweden. Palaearctic: Austria, Belarus, Belgium, China (Xinjiang), Czech Republic, Denmark, Estonia, Finland, France, Germany, Ireland, Italy, N Kazakhstan, Latvia, Lithuania, Netherlands, Norway, Poland, Russia (Adygea, Altai Rep., Altai Terr., Arkhangelsk, Bashkortostan, Buryatia, Irkutsk, Kabardino-Balkaria, Karelia, Khanty-Mansi, Krasnodar, Kirov, Komi, Leningrad, Moscow, Murmansk, Omsk, Orenburg, Perm, Pskov, Ryazan, Tomsk, Tyumen, Velikiy Novgorod, Voronezh, Vladivostok, Yakutia, Yaroslavl), Sweden, UK; Nearctic: Canada and USA (Alaska, Yukon, British Columbia, Northwest Terr., Montana, Alberta, Saskatchewan, Quebec, Prince Edward Is., Newfoundland).

***Dolichopus campestris* Meigen, 1824**

References. Stackelberg 1918, 2153 (26 June — 3 July).

Distribution. Type locality: not given [Germany?]. Palaearctic: Algeria, Armenia, Austria, Belarus, Belgium, Czech Republic,

Denmark, Egypt, Estonia, Finland, France, Georgia, Germany, Hungary, Iran, Ireland, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Alania, Altai Rep., Kabardino-Balkaria, Kamchatka, Karelia, Khabarovsk, Krasnodar, Leningrad, Novosibirsk, Velikiy Novgorod, Vladivostok), Slovakia, Sweden, Switzerland, Turkey (Erzurum, Kars), UK, Ukraine (Carpathiens, Odessa).

***Dolichopus cilifemoratus* Macquart, 1827**

Material. 1♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [North France]. Palaearctic: Armenia, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Italy, N Kazakhstan, Norway, Poland, Romania, Russia (Adygea, Altai Rep., Astrakhan, Crimea, Dagestan, Karachay-Cherkessia, Krasnodar, Krasnoyarsk, Sakhalin, Vladivostok), Slovakia, Sweden, Turkey (Mugla, Rize), UK. New for Novgorod Region.

***Dolichopus claviger* Stannius, 1831**

References. Stackelberg 1918, 2153 (3–18 July).

Distribution. Type locality: Germany: Hamburg. Palaearctic: Austria, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Adygea, Alania, Altai Terr., Altai Rep., Crimea, Kabardino-Balkaria, Karelia, Karachay-Cherkessia, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Magadan, Moscow, Perm, Pskov, Ryazan, Tatarstan, Tomsk, Velikiy Novgorod, Vologda, Voronezh), Slovakia, Sweden, Switzerland, UK, Ukraine (Cherkasy, Kharkov, Kiev).

***Dolichopus discifer* Stannius, 1831**

References. Stackelberg 1918, 2153 (30 June — 5 July).

Distribution. Type locality: Germany. Palaearctic: Austria, Belgium, Belarus (Minsk), Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Ireland, Italy, N Kazakhstan, Latvia, Lithu-

ania, Netherlands, Norway, Poland, Romania, Russia (Altai Rep., Arkhangelsk, Chukotka, Irkutsk, Karelia, Khabarovsk, Leningrad, Moravia, Moscow, Murmansk, Sakhalin, Tatarstan, Velikiy Novgorod, Vladivostok, Vologda, Yakutia), Slovakia, Sweden, Switzerland, UK, Ukraine (Kharkov); Nearctic: Canada and USA (from Alaska, British Columbia to Quebec and Nova Scotia, southward to Colorado and New York).

***Dolichopus lepidus* Staeger, 1842**

References. Stackelberg 1918, 2153 (2 July).

Distribution. Type locality: Denmark: “Leersoer i Slutningen” [Lersoen nearby Copenhagen]. Palaearctic: Austria, Belarus, Belgium, Bosnia and Herzegovina, China (Shaanxi, Beijing), Czech Republic, Denmark, Estonia, Finland, France, Georgia, Kazakhstan, Latvia, Mongolia, Netherlands, Norway, Poland, Romania, Russia (Adygea, Buryatia, Irkutsk, Karelia, ?Khabarovsk, Khanty-Mansi, Krasnodar, Krasnoyarsk, Leningrad, ?Magadan, Moscow, Murmansk, Pskov, Ryazan, Tatarstan, Velikiy Novgorod, Vladivostok, Vologda, Voronezh, Yakutia), Slovakia, Spain, Sweden, Switzerland, Turkey (Kars), UK; Oriental: China.

***Dolichopus linearis* Meigen, 1824**

References. Stackelberg 1918, 2153 (30 June — 30 July).

Distribution. Type locality: not given [Germany?]. Palaearctic: Austria, Belgium, China (Heilongjiang, Jilin, Beijing, Inner Mongolia, Gansu, Xinjiang, Qinghai), Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Ireland, Italy, Kazakhstan, Latvia, Mongolia, Netherlands, Norway, Poland, Romania; Russia (Adygea, Altai Rep., Blagoveshchensk, Irkutsk, Kamchatka, Khabarovsk, Khanty-Mansi, Krasnodar, Krasnoyarsk, Leningrad, Magadan, Novosibirsk, Pskov, Ryazan, Sakhalin, Tatarstan, Velikiy Novgorod, Vladivostok, Vologda, Voronezh, Yakutia), Slovakia, Sweden, Switzerland, UK.

***Dolichopus longicornis* Stannius, 1831**

References. Stackelberg 1918, 2153 (26 June — 30 July).

Material. 1♀, Kresttsy, 58°15'N, 32°31'E, 24.08.2019.

Distribution. Type locality: not given [Germany: ?Hamburg, ?Breslau]. Palaearctic: Austria, Belarus, Belgium, China, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Luxembourg, Mongolia, Netherlands, Norway, Poland, Romania, Russia (Altai Rep., Arkhangelsk, Blagoveshchensk, Buryatia, Irkutsk, Kamchatka, Karelia, Komi, Krasnodar, Krasnoyarsk, Kuril Is., Leningrad, Lipetsk, Magadan, Moscow, Murmansk, Novosibirsk, Perm, Pskov, Sakhalin, Velikiy Novgorod, Vladivostok, Vologda, Voronezh, Yakutia, Yaroslavl), Serbia, Slovakia, Sweden, Switzerland, UK, Ukraine (Kherson, Carpathians); Nearctic: Canada (Yukon), USA (Alaska).

***Dolichopus nitidus* Fallén, 1823**

References. Stackelberg 1918, 2153 (2–18 July).

Distribution. Type locality: not given [Sweden]. Palaearctic: Austria, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, ?Israel, Italy, Japan, Kazakhstan, Netherlands, Norway, Poland, Romania, Russia (Altai Rep., Karelia, Khabarovsk, Khanty-Mansi, Krasnodar, Moscow, Ryazan, Tatarstan, Velikiy Novgorod, Voronezh, Vladivostok), Slovakia, Spain, Sweden, Switzerland, UK, Ukraine (Odessa); Oriental: China (Henan, Shanghai).

***Dolichopus pennatus* Meigen, 1824**

References. Stackelberg 1918, 2153 (25 June — 18 July).

Distribution. Type locality: not given [Germany]. Palaearctic: Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Mongolia, Netherlands, Norway, Poland, Portugal, Romania, Russia (Adygea, Alania, Altai Rep., Altai Terr., Arkhangelsk, Blagoveshchensk, Chechnya, Irkutsk, Kabardino-Balkaria, Kamchatka, Karachay-Cherkessia, Karelia, Khabarovsk, Krasnodar, Krasno-

yarsk, Kuril Is., Leningrad, Magadan, Moscow, Murmansk, Pskov, Sakhalin, Sverdlovsk, Tatarstan, Velikiy Novgorod, Vladivostok, Vologda, Voronezh, Yakutia), Slovakia, Spain, Sweden, Switzerland, Turkey (Kars), UK, Ukraine.

Remarks. The species record (Stackelberg 1918) may belong to closely the related *Dolichopus subpennatus* d'Assis Fonseca, 1976, reported from the Leningrad and other regions of Russia.

***Dolichopus plumipes* (Scopoli, 1763)**

References. Stackelberg 1918, 2153 (26 June — 30 July).

Material. 1♂, Valdayskoye Lake, 13.05.2018; 6♂, 1♀, Kresttsy, 58°15'N, 32°31'E, 24.08.2019.

Distribution. Type locality: Slovenia: “Carnioliae indigena”. Palaearctic: Afghanistan, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, China (Heilongjiang, Hebei, Henan, Shanxi, Inner Mongolia, Xinjiang, Qinghai, Xizang), Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Iceland, Italy, Hungary, Kazakhstan, Latvia, Lithuania, Mongolia, Netherlands, Norway, Poland, Romania, N Russia (Arkhangelsk, Karelia, Komi, Leningrad, Murmansk, Nenets, Velikiy Novgorod, Pskov, Vologda), C Russia (Belgorod, Kirov, Lipetsk, Mari El Republic, Moscow, Perm, Nizhniy Novgorod, Tatarstan, Voronezh), S Russia (Adygea, Alania, Kabardino-Balkaria, Karachay-Cherkessia, Krasnodar, Rostov), E Russia (Chukotka, Irkutsk, Kamchatka, Khabarovsk, Koryakia, Novosibirsk, Tomsk, Tyumen, Vladivostok), Slovakia, Spain, Sweden, Switzerland, Turkey (Tur Lake, Kackar Mountains, Rize), UK, Ukraine (Cherkasy, Kharkov, Kiev, Lvov, Ternopol), Uzbekistan; Nearctic: Canada, USA, Greenland; Neotropical: Mexico; Oriental: China, India (Kashmir).

***Dolichopus simplex* Meigen, 1824**

References. Stackelberg 1918, 2153 (26 June — 25 July).

Material. 1♂, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: Germany: Hamburg, Kiel. Palaearctic: Armenia, Austria, Bela-

rus, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Iran, Ireland, Kazakhstan, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Belgorod, Kaluga, Karachay-Cherkessia, Karelia, Kirov, Komi, Krasnodar, Kursk, Leningrad, Mordovia, Moscow, Murmansk, Nizhniy Novgorod, Orenburg, Pskov, Rostov, Ryazan, Saratov, Tatarstan, Velikiy Novgorod, Vologda, Voronezh), Sweden, Switzerland, Turkey (Erzurum, Hakkari, Kars), UK, Ukraine (Cherkasy, Odessa).

***Dolichopus trivialis* Haliday, 1832**

References. Stackelberg 1918, 2153 (29 June — 22 July).

Distribution. Type locality: Ireland: Hollywood. Palaearctic: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Georgia, Ireland, N Kazakhstan, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Russia (Adygea, Alania, Altai Rep., Crimea, Kabardino-Balkaria, Karachay-Cherkessia, Krasnodar, Pskov, Sakhalin, Vladivostok), Slovakia, Spain, Sweden, Switzerland, Turkey, UK, Ukraine (Kiev).

***Dolichopus unguatus* (Linnaeus, 1758)**

References. Stackelberg 1918, 2153 (25 June — 10 July).

Distribution. Type locality: “Europe”. Palaearctic: Austria, Belarus, Belgium, Bulgaria, China (Xinjiang), Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Iran, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Romania; Russia (Adygea, Alania, Altai Rep., Altai Terr., Chechnya, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Khanty-Mansi, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Mordovia, Moscow, Novosibirsk, Orenburg, Perm, Pskov, Ryazan, Tatarstan, Velikiy Novgorod, Vologda, Voronezh, Yakutia), Serbia, Slovakia, Spain, Sweden, Switzerland, UK, Ukraine (Kharkov, Kiev, Odessa, Ternopol, Carpathians).

***Dolichopus wahlbergi* Zetterstedt, 1843**

References. Negrobov 1979, 650 (“Novgorod Region”; original publications have not been found).

Distribution. Type locality: Sweden: “Ostrogthia ad Wadstena; Gottlandia, Stenkyrka”. Palaeartic: Austria, Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, N Kazakhstan, Netherlands, Norway, Poland, Romania, Russia (Karelia, Krasnodar, Leningrad, Murmansk, Stavropol, ?Velikiy Novgorod, Voronezh, West Siberia, Yakutia), Slovakia, Spain, Sweden, Switzerland, UK.

***Gymnopternus* Loew, 1857**

***Gymnopternus aerosus* (Fallén, 1823)**

References. Stackelberg 1918, 2153 (30 June — 22 July).

Material. 2♂, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [Sweden]. Palaeartic: Abkhazia, Austria, Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Japan, Kazakhstan, Latvia, Lithuania, Mongolia, Netherlands, Norway, Poland, Romania, Russia (Adygea, Alania, Arkhangelsk, Buryatia, Irkutsk, Kaliningrad, Karelia, Karachay-Cherkessia, Khanty-Mansi, Krasnodar, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Velikiy Novgorod, Pskov, Tatarstan, “Ural”, Voronezh, Vladivostok), Slovakia, Sweden, Tajikistan, UK, Ukraine (Chernovtsy, Kherson, Odessa, Uzhhorod); Oriental: Taiwan.

***Gymnopternus brevicornis* (Staeger, 1842)**

Material. 1♂, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [Denmark]. Palaeartic: Austria, Belgium, Croatia, Czech Republic, Denmark, Finland, France, Germany, Hungary, Luxembourg, Netherlands, Norway, Poland, Romania, Russia (Altai Rep., Karelia, Khanty-Mansi, Leningrad, Murmansk, “Ural”, Voronezh, Tatarstan, Vladivostok), Sweden, Switzerland, UK, Ukraine. New for Novgorod Region.

***Gymnopternus celer* (Meigen, 1824)**

References. Stackelberg 1918, 2153 (3 July).

Distribution. Type locality: not given [Germany]. Palaeartic: Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech

Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Karelia, Kazakhstan, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Romania, Russia (Altai Rep., Altai Terr., Buryatia, Krasnodar, Krasnoyarsk, Mordovia, Moscow, Novosibirsk, Pskov, Ryazan, Tatarstan, Velikiy Novgorod, Voronezh), Serbia, Slovakia, Sweden, Switzerland, Turkey (Canakkale), UK, Ukraine (Chernovtsy, Kiev, Lvov, Poltava, Uzhgorod).

***Hercostomus* Loew, 1857**

***Hercostomus germanus* (Wiedemann, 1817)**

References. Stackelberg 1918, 2153 (29 June — 10 July).

Distribution. Type locality: Germany: Holstein. Palaeartic: Andorra, Armenia, Austria; Belarus (Minsk, Vinnitsa), Belgium, Bosnia and Herzegovina, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Morocco, Netherlands, Norway, Poland, Portugal, Romania; Russia (Adygea, Bashkortostan, Buryatia, Dagestan, Kabardino-Balkaria, Karachay-Cherkessia, Krasnodar, Leningrad, Moscow, Tatarstan, Velikiy Novgorod), Slovakia, Spain, Sweden, Switzerland, Ukraine (Kiev, Ternopol, Uzhgorod), UK.

***Hercostomus rusticus* (Meigen, 1824)**

References. Negrobov 1979, 652 (“Novgorod Region”; original publications have not been found).

Distribution. Type locality: not given [Germany]. Palaeartic: Abkhazia, Armenia, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Estonia, France, Georgia, Germany, Greece, Hungary, Iran, Italy, N Kazakhstan, Macedonia, Mongolia, Netherlands, Poland, Romania, Russia (Adygea, Altai Rep., Blagoveshchensk, Buryatia, Chechnya, Crimea, Dagestan, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Novosibirsk, Omsk, Samara, Vladivostok, Voronezh, Yakutia), Slovakia, Spain, Switzerland, Ukraine (Poltava).

***Hercostomus sahlbergi* (Zetterstedt, 1838)**

References. Stackelberg 1918, 2153 (14 — 22 July).

Distribution. Type localities: Sweden: "Lapponia Umensi, Wilhelmina, Asele, Dowre". Palaearctic: ?Austria, Belarus (Minsk), Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Finland, France, Georgia; Germany, Hungary, Italy, Netherlands, Norway, Poland, Romania, Russia (N Russia: Arkhangelsk, Karelia, Leningrad, Murmansk, Velikiy Novgorod; C Russia; S Russia: Adygea, Alania, Kabardino-Balkaria, Karachay-Cherkessia, Krasnodar; E Russia: "South Ural"), Slovakia, Sweden, Switzerland, UK.

Hydrophorus Fallén, 1823

Hydrophorus brunnicosus Loew, 1857

Material. 1♂, Velikiy Novgorod, Volkhov River embankment, 16.06.2003.

Distribution. Type locality: Poland: Poznan. Palaearctic: Austria, Belarus, Estonia, Finland, Sweden, Poland, Russia (Crimea, Leningrad, Yaroslavl, Moscow, Ryazan, Lipetsk, Voronezh, Orenburg, NW Siberia, Krasnoyarsk, Yakutia). New for Novgorod Region.

Medetera Fischer von Waldheim, 1819

Medetera apicalis (Zetterstedt, 1843)

References. Stackelberg 1918, 2153 (25 July).

Remarks. The species was recorded by a female (Stackelberg 1918) and the record needs to be confirmed.

Distribution. Type locality: Sweden: Skane, Lund. Palaearctic: Abkhazia, Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Italy, Netherlands, Norway, Poland, Russia (Buryatia, Irkutsk, ?Krasnodar, Leningrad, Mordovia, Murmansk, Novosibirsk, Perm, Ryazan, Velikiy Novgorod, Vladivostok, Vologda), Slovakia, Sweden, Switzerland; Oriental: Japan (Ryukyu Is.); Nearctic: Canada, USA.

Medetera borealis Thunberg, 1955

References. Stackelberg 1962, 292 (no material provided).

Distribution. Type locality: Finland: Joutse, Turku. Palaearctic: Czech Republic, Finland, Japan, Norway, Russia (Irkutsk, Leningrad, Murmansk, Perm, Voronezh, "West Siberia", Velikiy Novgorod, Vladivostok, Yakutia), Sweden, UK.

Medetera feminina Negrobov, 1967

References. Negrobov et al. 2013, 71 (Novgorod Region is error for Nizhniy Novgorod Region).

Distribution. Type locality: Russia: Voronezh Prov., near Borisoglebsk. Palaearctic: Belgium, Czech Republic, Russia (Krasnodar, Nizhniy Novgorod, Rostov, Voronezh).

Medetera infumata Loew, 1857

References. Stackelberg 1918, 2153 (7 July).

Material. 1♂, Velikiy Novgorod, 25 km W, 3.06.2005.

Distribution. Type locality: not given [Germany?]. Palaearctic: Austria, Belarus, Belgium, Bosnia and Herzegovina, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Mongolia, Netherlands, Norway, Poland, Romania, Russia (Blagoveshchensk, Irkutsk, Krasnoyarsk, Leningrad, Moscow, Ryazan, "Ural", Velikiy Novgorod, Vladivostok, Voronezh, "West Siberia"), Sweden, Switzerland, UK.

Medetera jacula (Fallén, 1823)

References. Stackelberg 1918, 2153 (4 July).

Distribution. Type locality: Sweden: Scania. Palaearctic: Armenia; Austria, Azerbaijan; Belarus, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Georgia; Germany, Hungary, Iran, Ireland, Italy, N Kazakhstan, Latvia, Lithuania, Netherlands, Norway, Poland, Portugal, Romania; Russia (Alania, Altai, Buryatia, Chechnya, Crimea, Irkutsk, Kabardino-Balkaria, Kaluga, Krasnodar, Kursk, Leningrad, Mordovia, Moscow, Novosibirsk, Rostov, Ryazan, Stavropol, "Urals", Velikiy Novgorod, Vologda, Voronezh, Yakutia); Slovakia, Sweden, Switzerland, Tunisia, Turkey (Antalya), UK, Ukraine (Kharkov, Kherson, Lugansk, Odessa, Poltava).

Medetera pallipes (Zetterstedt, 1843)

References. Stackelberg 1918, 2153 (26 July).

Remarks. The species was recorded by a female (Stackelberg 1918) and the record must be confirmed.

Distribution. Type localities: Scania, “in Ostrog ad Wadstena; Botnia orientali ad Johannis Ro prope Tornea” [Sweden; Denmark]. Palaearctic: Austria, Belgium, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iran, Israel, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia (Adygea, Chechnya, Crimea, Kabardino-Balkaria, Karelia, Krasnodar, Leningrad, Pskov, Ryazan, Stavropol, Velikiy Novgorod, Voronezh), Slovakia, Spain, Switzerland, Sweden, Turkey (Antalya, Hakkarı, Kars), UK, Ukraine (Kherson).

***Medetera tristis* (Zetterstedt, 1838)**

References. Grichanov 2006, 41 (Velikiy Novgorod, 25 km W, 3 June 2005).

Distribution. Type locality: Sweden: Lycksele, Lapponia Umensi Umenaes, Stoettingsfellet. Palaearctic: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, UK, Hungary, Ireland, Netherlands, Norway, Poland, Russia (Karelia, Leningrad, Pskov, “Ural”, Velikiy Novgorod, Vladivostok), Slovakia, Sweden, Switzerland.

***Rhaphium* Meigen, 1803**

***Rhaphium monotrichum* Loew, 1850**

References. Stackelberg 1918, 2153 (as *Xiphandrium monotrichum*; 3 July).

Remarks. The species was recorded by a female (Stackelberg 1918) and the record needs to be confirmed.

Distribution. Type locality: Sweden: “Sueciam meridionalem et medium; in Scania ad Esperod, Ostrogothia ad Sudercopiam, ad Gusum, ad Walstena, ipsc. Etiam, Gottlandia, ad Holmiam”. Palaearctic: Austria, Belarus, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Romania, Russia (“Igarka”, Irkutsk, Kabardino-Balkaria, Krasnoyarsk, Leningrad, Mordovia, Moscow, Murmansk, Velikiy Novgorod, Voronezh), Slovakia, Sweden, Switzerland, UK.

***Sciapus* Zeller, 1842**

***Sciapus contristans* (Wiedemann, 1817)**

References. Stackelberg 1918, 2153 (3 July).

Remarks. The species was recorded by a female (Stackelberg 1918) and the record needs to be confirmed.

Distribution. Type locality: Germany: Schleswig-Holstein, [Kiel]. Palaearctic: Austria, ?Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Germany, Hungary, ?Israel, Italy, Netherlands, Poland, Portugal, Romania, ?Russia, Slovakia, Spain, UK, ?Ukraine.

***Sciapus longulus* (Fallén, 1823)**

References. Grichanov, Negrobov 2014, 19 (Velikiy Novgorod env., 4 July 2012).

Distribution. Type locality: Sweden. Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Kyrgyzstan, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Belgorod, Kabardino-Balkaria, Krasnodar, Kursk, Leningrad, Lipetsk, Moscow, Novosibirsk, Rostov, Ryazan, Saratov, Velikiy Novgorod, Voronezh), Slovakia, Spain, Sweden, Switzerland, UK, Ukraine (Cherkasy, Odessa).

***Sympycnus* Loew, 1857**

***Sympycnus aeneicoxa* (Meigen, 1824)**

Material. 1♂, 3♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [Germany]. Palaearctic: Afghanistan, Austria, Belgium, Byelorussia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Krasnoyarsk, Leningrad, Moscow, Pskov), Spain, Slovakia, Sweden, Switzerland, UK, Ukraine. New for Novgorod Region.

***Sympycnus pulicarius* (Fallén, 1823)**

=*Sympycnus annulipes* (Meigen, 1824)

References. Stackelberg 1918, 2153 (as *Sympycnus annulipes*; 25 June).

Material. 1♀, Kresttsy, 58°15'N, 32°31'E, 24.08.2019; 1♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: not given [Sweden]. Palaearctic: Andorra, Austria, Azerbaijan, Belgium, Bosnia and Herzegovina,



Fig. 1–3. 1 — Valdai Lake shore near the Valdai Iverskii Monastery, 13 May 2018; 2 — The Kholova River near Kresttsy, general view, 24 August 2019; 3 — The Kholova River bank near Kresttsy, 24 August 2019; a habitat for *Dolichopus* spp.

Рис. 1–3. 1 — берег Валдайского озера у Валдайского Иверского монастыря, 13 мая 2018 г.; 2 — река Холова под Крестцами, общий вид, 24 августа 2019 г.; 3 — берег реки Холова под Крестцами, 24 августа 2019 г.; среда обитания для *Dolichopus* spp.

Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iran, Ireland, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxembourg, Macedonia, Moldova, Mongolia, Netherlands, Norway, Poland, Portugal, Romania, Russia (Alania, Altai Rep., Altai Ter., Buryatia, Chechnya, Chelyabinsk, Crimea, Kabardino-Balkaria, Kaliningrad, Karachay-Cherkessia, Karelia, Khakassia, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Moscow, Murmansk, Velikiy Novgorod, Novosibirsk, Pskov, Stavropol, Sverdlovsk, Tambov, Tatarstan, Voronezh, Yakutia), Serbia, Slovakia, Spain incl. Canary Islands, Sweden, Switzerland, Tajikistan, Turkey (Aydin, Bolu, Mugla, Van), UK, Ukraine (Kher-son), Uzbekistan. Nearctic: USA (California).

***Syntormon* Loew, 1857**

***Syntormon bicolorellus* (Zetterstedt, 1843)**

Material. 1♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: "Suecia meridionali et media, Scania ad Esperod, Gottlandia ad Martebo, Dania" (Sweden, Denmark). Palaearctic: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Latvia, ?Mongolia, Netherlands, Norway, Poland, Romania, Russia (Leningrad, Lipetsk, Moscow, Vologda, Voronezh), Slovakia, Sweden, UK. New for Novgorod Region.

***Telmaturgus* Mik, 1874**

***Telmaturgus tumidulus* (Raddatz, 1873)**

Material. 2♀, Krestetsky Dist., Lyakova, 58°17'N, 32°36'E, 24.08.2019.

Distribution. Type locality: Germany: Mecklenburg. Palaearctic: Abkhazia, Austria, Azerbaijan, Belgium, Czech Republic, Finland, France, Germany, Hungary, Netherlands, Norway, Poland, Portugal, Romania, Russia (Krasnodar, Leningrad, Pskov), Sweden, Turkey (Kars), UK, Middle Asia. New for Novgorod Region.

CONCLUSION

As a result of this study, new material of Dolichopodidae was identified, and a checklist of Novgorod regional species was compiled. The present research features new records, including 8 species found for the first time in the Region. In total, 14 genera and 44 species are known from the Novgorod Region. Almost all species were collected along river banks and lake shores (see Fig. 1: 1–3).

Most collected species are widespread across the Palaearctic Region, being common in the well-studied neighbouring Regions of Russia. For example, the fauna of Leningrad Region numbers 223 dolichopodid species (Grichanov, Ovsyannikova 2017) and that of Pskov Region includes 99 species (Grichanov, Ovsyannikova 2015).

ACKNOWLEDGEMENTS

The work was performed within the Program for Basic Scientific Researches in the Russian Federation for the Long-Term Period (2013–2020) approved by Order No. 2538-r of the Government of the Russian Federation dated December 27, 2012, and supported by the All-Russian Institute of Plant Protection project No 0665-2019-0014. Dr. S. R. Fasulati (VIZR) kindly provided photos of some habitats.

БЛАГОДАРНОСТИ

Данная работа выполнена в рамках Программы фундаментальных научных исследований Российской Федерации на долгосрочный период (2013-2020 годы) в соответствии с Распоряжением Правительства Российской Федерации № 2538-р от 27 декабря 2012 г. и при поддержке Всероссийского института защиты растений в рамках проекта № 06665-2019-0014. Благодарим доктора наук С. Р. Фасулати (ВИЗР) за предоставленные фотографии мест обитания вида.

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For citation: Ovsyannikova, E. I., Grichanov, I. Ya. (2019) New records of long-legged flies (Diptera, Dolichopodidae) from Novgorod Region of Russia with an annotated checklist of species. *Amurian Zoological Journal*, vol. XI, no. 3, pp. 206–217. DOI: 10.33910/2686-9519-2019-11-3-206-217

Received 18 September 2019; reviewed 11 October 2019; accepted 15 October 2019.

Для цитирования: Овсянникова, Е. И., Гричанов, И. Я. (2019) Новые указания хищных мух-зеленушек (Diptera, Dolichopodidae) из Новгородской области и аннотированный список видов. *Амурский зоологический журнал*, т. XI, № 3, с. 206–217. DOI: 10.33910/2686-9519-2019-11-3-206-217

Получена 18 сентября 2019; прошла рецензирование 11 октября 2019; принята 15 октября 2019.