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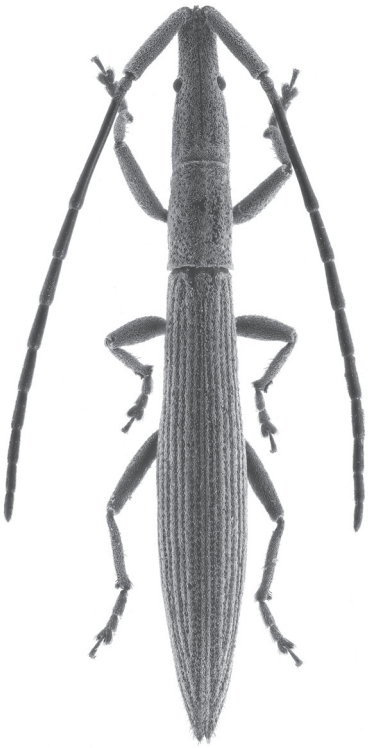

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New records of Dolichopodidae (Diptera) from Mordovia, Russia

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Abstract. A new material of Dolichopodidae has been recently collected and identified, and includes 72 species (39 species are new for the Republic of Mordovia, 60 species have been found for the first time in the Mordovian Nature Reserve and its environs, and one species is new for the Smolny National Park). In total, 98 species are recorded in this region that apparently makes up 40–50% of actual Dolichopodidae fauna in the Republic of Mordovia. This paper provides also distribution pattern for each collected species. The list of species found in the Mordovian Nature Reserve has increased from 11 to 71.

Key words: Dolichopodidae, Russia, Republic of Mordovia, Mordovian Nature Reserve, new records.

Новые указания Dolichopodidae (Diptera) из Мордовии, Россия

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Резюме. Новый материал по семейству Dolichopodidae Республики Мордовия собран и определен; новые указания включают 72 вида (39 новых видов для Мордовии, 60 видов, найденных впервые в Мордовском государственном заповеднике и прилегающих к нему районах, и один вид из национального парка «Смольный»). Всего в республике отмечено 98 видов, что, по-видимому, составляет 40–50% мордовской фауны Dolichopodidae. Приведено общее распространение для каждого отловленного вида. Список видов Мордовского государственного заповедника увеличился с 11 до 71.

Ключевые слова: Dolichopodidae, Россия, Мордовия, Мордовский государственный заповедник, новые указания.

Introduction

Mordovia (the Republic of Mordovia officially) is located in the eastern part of the East European (or Russian) Plain, with the poorly studied fauna of long-legged flies, regarding especially protected areas of the republic. The Mordovian Nature Reserve (the north-west of Mordovia) is located in the Sarmatic Mixed Forests ecoregion (within the Temperate Broadleaf and Mixed Forests biome) and borders with the forest-steppe in the south [Ecoregions, 2017]. The reserve is crossed by a network of small rivers with adjacent small lakes. The Moksha River flows along the southern border of the reserve, and the Satis River flows along the northern border to meet the Moksha River [Tereshkin et al., 1989].

The first list of nine dolichopodid species found on the territory of Mordovian Nature Reserve was incorporated into the checklist of insect species of the reserve published by Plavilstshchikov [1964]. The data on the dolichopodid fauna of the Republic of Mordovia (outside the reserve) were published by Negrobov, Golubtsova [1980], who listed 51 valid species collected in environs of the work settlement Yavas in Zubova Polyana District. *Chrysotus neglectus* (Wiedemann, 1817), *Neurigona erichsoni* (Zetterstedt, 1843), *Sybistroma obscurella* (Fallén, 1823) and *Rhaphium crassipes* (Meigen, 1824) from the Plavilstshchikov's list were not collected by those authors. Negrobov et al. [2010] re-published their list, using new nomenclature. Feoktistov [2011] added two more species for the territory of the reserve, including *Sciapus laetus* (Meigen, 1838) mentioned firstly from Russia and Mordovia particularly. This record must be confirmed. Grichanov collected *Rhaphium albifrons* Zetterstedt, 1843 at Saransk in 1978 [Maslova et al., 2012]. Negrobov et al. [2020] added *Rhaphium nasutum* Fallén, 1923, collected in environs of Yavas in 1980. The web-site "Nature of Mordovia" [http://www.nature-mordovia.ru/zhivotnye/bespozvonochnye.html?view=article&id=458] provided a check-list of 46 dolichopodid species despite the information on 58 species known from the republic. None of those lists provided the exact collection coordinates and number of specimens.

Material and methods

The material for this study was largely collected by the collaborator of the reserve Mr Mikhail Esin by use of colour pan traps during the mass flight of dolichopodid imagoes; the most part of this collection was preserved in ethanol to be deposited in the reference collection of Mordovian Nature Reserve. Dr Nikita Vikhrev and Mr Konstantin Tomkovich (Zoological Museum of Moscow State University, Moscow, Russia) collected flies during their short-term visits to the Mordovian Nature Reserve and its closest environs, using sweep nets mainly; the material was mounted on pins to be deposited at the Zoological Museum of Moscow University and the Zoological Institute of the Russian Academy of Sciences (St Petersburg, Russia).

New records for 72 species are listed below, collected mainly from the Temnikov District (with 32000 ha of the forest protected area and 6000 ha of the conservation zone), with entries arranged alphabetically. A few specimens collected from other districts of the republic (named below) are also included in the list. Some synonymic names used by previous authors are provided. The information on

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the global distribution for each species follows Grichanov [2017]. The type localities are provided and the country lists are arranged alphabetically. The word "Region" is omitted from the list of Russian regions. Remarks are provided where deemed necessary.

New records for Mordovia

Argyra auricollis (Meigen, 1824)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev).

Distribution. Type locality: not given. Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Hungary, Italy, Latvia, Netherlands, Norway, Poland, Romania, Russia (Karelia, Leningrad, Novgorod), Slovakia, Sweden, Switzerland, UK. New for Mordovia.

Argyra diaphana (Fabricius, 1775)

Material. 1♂, Plot No 449, 54.7091°N / 43.2133°E, 22–26.06.2020 (M.N. Esin).

Distribution. Type locality: Germany, Lipsiae [Leipzig]. Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Iran, Ireland, Latvia, Moldova, Netherlands, Norway, Poland, Portugal, Romania, Russia (Karelia, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Mordovia, Moscow, Novgorod, Pskov, Ryazan, Voronezh), Serbia, Slovakia, Sweden, Switzerland, Turkey, UK, Ukraine.

Argyra elongata (Zetterstedt, 1843)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev).

Distribution. Type locality: Sweden, "Ostrogothia ad Sorbyholm et Haradshammar". Belgium, Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Latvia, Netherlands, Norway, Poland, Russia (Leningrad, Novgorod, Vologda, Voronezh), Sweden, Switzerland, UK, Ukraine (Odessa). New for Mordovia.

Argyra grata Loew, 1857

Material. 2♂, Cordon Taratinsky, 54.748°N / 43.046°E, Moksha River bank, Salix, 27–29.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Germany, Harz. Austria, Belgium, Czech Republic, France, Germany, Hungary, Montenegro, Morocco, Netherlands, Poland, Romania, Russia (Leningrad, Lipetsk, Pskov, Voronezh), Slovakia, Slovenia, Spain, Switzerland, UK, Ukraine (Kharkov). New for Mordovia.

Argyra vestita (Wiedemann, 1817)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev).

Distribution. Type locality: Germany, "bei Kiel". Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Iran, Ireland, Israel, Italy, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia (Krasnodar, Moscow, Novgorod, Novosibirsk, Ryazan, Vologda), Slovakia, Sweden, Switzerland, Turkey, UK. New for Mordovia.

Asyndetus latifrons (Loew, 1857)

Material. 1♂, Plot No. 449, 54.7091°N / 43.2133°E, 22–26.06.2020 (M.N. Esin); 2♂, Pushta, 54.7197°N / 43.227°E, woodfactory, Pinetum edge, 24–25.06.2020 (K.P. Tomkovich); 1♂, Purdoshki, 54.6694°N / 43.5416°E, 25.06.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin); 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 12–15.07.2020 (K.P. Tomkovich); 11♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin); 10♂ (in ethanol), Novye Shaly, No 14, 54.7012°N / 43.6427°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Moksha River, No 18, 54.5972°N / 43.1950°E, 30.08–3.09.2020 (M.N. Esin).

Distribution. Type locality: Poland, "Schlesien". Palaearctic: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Estonia, France, Germany, Hungary, Italy, Northern Kazakhstan, Montenegro, Netherlands, Poland, Romania, Russia (Adygea, Chechnya, Krasnodar, Leningrad, North Ossetia–Alania, Samara, Voronezh, South Ural), Serbia, Slovakia, Spain, Switzerland, Syria, Turkey, UK; Afrotropical: Democratic Republic of the Congo, Gabon, Kenya; Oriental: Bangladesh, China, India, Pakistan, Philippines, Thailand.

Campsicnemus scambus (Fallén, 1823)

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 1♂ (in ethanol), Bolshoy Urkat, river, No 15, 54.6929°N / 43.8649°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N / 43.9032°E, 21–24.08.2020 (M.N. Esin); 1♂, Andreevka env., 54.62°N / 43.34°E, 1.09.2020 (N.E. Vikhrev); 2♂, Pushta, 54.71°N / 43.22°E, 1–5.09.2020 (N.E. Vikhrev).

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

Chrysotimus molliculus (Fallén, 1823)

Material. 1♀, Cordon Taratinsky, 54.748°N / 43.046°E, Moksha River bank, Salix, 27–29.06.2020 (K.P. Tomkovich); 1♂ (in ethanol), Novye Shaly, No 14, 54.7012°N / 43.6427°E, 21–24.08.2020 (M.N. Esin); 2♂, 1♀ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Bolshoy Urkat, river, No 15, 54.6929°N / 43.8649°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Zhegalovo, No 12, 54.6989°N / 43.4106°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Sweden, Ostrogothia. Austria, Azerbaijan, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Finland, France, Georgia, Germany, Hungary, Ireland, Lithuania, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia (Adygea, Karelia, Krasnodar, Leningrad, Moscow, Ryazan, Tatarstan, Tula, Voronezh), Slovenia, Slovakia, Sweden, Switzerland, Turkey, UK, Ukraine. New for Mordovia.

Chrysotus angulicornis Kowarz, 1874

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 12–15.07.2020 (K.P. Tomkovich).

Distribution. Type locality: Austria, Insbrk [Innsbruck]. Austria, Bulgaria, Czech Republic, Finland, France, Georgia, Iran, Italy, Lithuania, Poland, Romania, Russia (Dagestan, Karachay-Cherkessia, Krasnodar, Leningrad, North Ossetia–Alania, Novgorod), Sweden, Switzerland, Turkey, Ukraine. New for Mordovia.

Chrysotus cilipes Meigen, 1824

Material. 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N / 43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Trans-Palaearctic species. Russia (Adygea, Republic, Altai Region, Astrakhan, Blagoveshchensk, Buryatia, Chita, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Moscow, Leningrad, Novgorod, Novosibirsk, Pskov, Rostov, Sakhalin, Tomsk, Vladivostok, Voronezh, Yakutia). New for Mordovia.

Chrysotus gramineus (Fallén, 1823)

Material. 1♂, Plot No 449, 54.7091°N / 43.2133°E, 22–26.06.2020 (M.N. Esin).

Distribution. Type locality: not given (Sweden). Trans-Palaearctic species. Russia (Adygea, Altai Republic, Arkhangelsk, Bashkortostan, Blagoveshchensk, Buryatia, Chelyabinsk, Chita, Chukotka, Crimea, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Kostroma, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, North Ossetia–Alania, Novgorod, Orel, Orenburg, Pskov, Ryazan, Sakhalin, Tatarstan, Tomsk, Vologda, Voronezh, Yakutia, Yaroslavl).

Chrysotus neglectus (Wiedemann, 1817)

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 1♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin); 1♂ (in ethanol), Zhegalovo, No 11, 54.7067°N / 43.4051°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Zhegalovo, No 12, 54.6989°N / 43.4106°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Germany, Holstein. Trans-Palaearctic species. Russia (Altai Republic, Arkhangelsk, Blagoveshchensk, Bryansk, Buryatia, Chechnya, Chelyabinsk, Chita, Dagestan, Kamchatka, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Mordovia, Moscow, Murmansk, North Ossetia–Alania, Novgorod, Omsk, Pskov, Samara, Tomsk, Vladivostok, Voronezh, Yakutia).

Chrysotus suavis Loew, 1857

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev); 2♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich).

Distribution. Type localities: Germany: "Coln"; Austria: "Neusiedler See in Ungarn". Trans-Palaearctic species. Russia (Adygea, Altai Republic, Astrakhan, Blagoveshchensk, Bryansk, Buryatia, Irkutsk, Kabardino-Balkaria, Kamchatka, Khabarovsk, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Magadan, North Ossetia–Alania, Novgorod, Novosibirsk, Pskov, Rostov, Ryazan, Sakhalin, Tatarstan, Voronezh, Yakutia).

Diaphorus exunguiculatus Parent, 1925

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev).

Distribution. Type locality: not given. Austria, Estonia, Hungary, Italy, Portugal, Russia (Leningrad, Tomsk, Yaroslavl). New for Mordovia.

Diaphorus oculatus (Fallén, 1823)

Material. 1♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: Sweden, Westrogothia. Abkhazia, Austria, Belarus, Belgium, Bosnia and Herzegovina, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Netherlands, Norway, Poland, Romania, Russia (Leningrad, Novgorod, Pskov, Ryazan), Slovakia, Sweden, Switzerland, UK, Ukraine. New for Mordovia.

Dolichopus acuticornis Wiedemann, 1817

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev); 1♂, Pushta, 54.7197°N / 43.227°E, woodfactory, Pinetum edge, 24–25.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Germany, Holstein. Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Kazakhstan, Netherlands, Norway, Poland, Romania, Russia (Moscow, Ryazan, Tatarstan, Ural, Voronezh), Slovakia, Sweden, UK, Ukraine (Ternopol). New for Mordovia.

Dolichopus apicalis Zetterstedt, 1849

Material. 1♂, Ichalkovsky District, Smolny National Park, Kemlyanskoe Forestry, Plot No 87, 3.06.2020 (G.B. Semishin).

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

Dolichopus arbustorum Stannius, 1831

Material. 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N / 43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, France, Germany, Hungary, Ireland, Italy, Netherlands, Poland, Romania, Russia (Krasnodar, Ryazan, Saratov, Voronezh), Slovakia, Sweden, UK, Ukraine.

Dolichopus cilifemoratus Macquart, 1827

Material. 2♂ (in ethanol), Bolshoy Urkat, river, No 15, 54.6929°N / 43.8649°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: not given (North France). Armenia, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Italy,

Northern Kazakhstan, Norway, Poland, Romania, Russia (Adygea, Altai Republic, Astrakhan, Crimea, Dagestan, Karachay-Cherkessia, Krasnodar, Krasnoyarsk, Sakhalin, Vladivostok), Slovakia, Sweden, Turkey, UK. New for Mordovia.

Dolichopus claviger Stannius, 1831

Material. 1♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Adygea, Altai Region, Altai Republic, Crimea, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Magadan, Moscow, North Ossetia–Alania, Novgorod, Perm, Pskov, Ryazan, Tatarstan, Tomsk, Tuva, Vologda, Voronezh), Slovakia, Sweden, Switzerland, UK, Ukraine. New for Mordovia.

Dolichopus discifer Stannius, 1831

= *Dolichopus nigricornis* Meigen, 1824.

Material. 2♂, Plot No 447, 54.7135°N / 43.2266°E, 22–26.06.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin); 5♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 7–10.07.2020 (M.N. Esin); 4♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 4♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 10–13.07.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin); 6♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 13–15.07.2020 (M.N. Esin).

Distribution. Type locality: Germany. Holarctic species. Russia (Altai Republic, Arkhangelsk, Chukotka, Irkutsk, Karelia, Khabarovsk, Khanty-Mansi, Leningrad, Mordovia, Moscow, Murmansk, Novgorod, Sakhalin, Saratov, Tambov, Tatarstan, Vladivostok, Vologda, Yakutia).

Dolichopus latilimbatus Macquart, 1827

Material. 1♂, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin); 5♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin); 1♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: not given ("Nord de France"). Abkhazia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, France, Germany, Hungary, Iran, Ireland, Italy, Kazakhstan, Mongolia, Netherlands, Poland, Portugal, Romania, Russia (Astrakhan, Bryansk, Karachay-Cherkessia, Krasnodar, Kursk, Moscow, Novosibirsk, Orel, Pskov, Rostov, Ryazan, Tatarstan, Ural, Voronezh), Slovakia, Spain, Sweden, Switzerland, Turkey, UK, Ukraine (Ternopol), Uzbekistan. New for Mordovia.

Dolichopus lepidus Staeger, 1842

Material. 1♂, 54.8066°N / 43.4625°E, 30.07.2020 (M.N. Esin).

Distribution. Type locality: Denmark, "Leersoen i Slutningen" [Lersoen nearby Copenhagen]. 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, Karelia, (?) Khabarovsk, Khanty-Mansi, Krasnodar, Krasnoyarsk, Leningrad, (?) Magadan, Moscow, Murmansk, Novgorod, Pskov, Ryazan, Sayan Mountains, Tatarstan, Vladivostok, Vologda, Voronezh, Yakutia), Slovakia, Spain, Sweden, Switzerland, Turkey, UK. New for Mordovia.

Dolichopus linearis Meigen, 1824

Material. 1♂, Pushta, 54.7197°N / 43.227°E, woodfactory, Pinetum edge, 24–25.06.2020 (K.P. Tomkovich).

Distribution. Type locality: not given. Austria, Belgium, Bulgaria, 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 Republic, Blagoveshchensk, Irkutsk, Kamchatka, Khabarovsk, Khanty-Mansi, Krasnodar, Krasnoyarsk, Leningrad, Magadan, Mordovia, Novgorod, Pskov, Ryazan, Sakhalin, Vladivostok, Vologda, Voronezh, Yakutia), Slovakia, Sweden, Switzerland, UK.

Dolichopus lineatocornis Zetterstedt, 1843

Material. 1♂, Purdoshki, 54.6694°N / 43.5416°E, 25.06.2020 (M.N. Esin); 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N / 43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Sweden, Lund. Belgium, Czech Republic, Denmark, Estonia, Finland, Germany, Kazakhstan, Latvia, Lithuania, Netherlands, Russia (Krasnodar, Lipetsk, Pskov, Tatarstan, Tver, Voronezh), Sweden, UK. New for Mordovia.

Dolichopus longicornis Stannius, 1831

Material. 1♂, Pushta, 54.7197°N / 43.227°E, woodfactory, Pinetum edge, 24–25.06.2020 (K.P. Tomkovich); 1♂, Purdoshki env., 54.689°N / 43.533°E, 25.06.2020 (N.E. Vikhrev); 1♂, Temnikov, 54.6259°N / 43.1994°E, Moksha River bank, 3.08.2020 (K.P. Tomkovich).

Distribution. Type locality: Denmark, Soro. 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 Republic, Arkhangelsk, Blagoveshchensk, Irkutsk, Kamchatka, Karelia, Komi, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Magadan, Mordovia, Moscow, Murmansk, Novgorod, Perm, Pskov, Sakhalin, Sayany, Ural, Vladivostok, Vologda, Voronezh, Yakutia, Yaroslavl), Serbia, Slovakia, Sweden, Switzerland, UK, Ukraine (Kherson, Carpathians); Nearctic: Canada (Yukon), USA (Alaska).

Dolichopus longitarsis Stannius, 1831

Material. 1♂, Plot No 447, 54.7135°N / 43.2266°E, 22–26.06.2020 (M.N. Esin); 1♂, Plot No 447, 54.7158°N / 43.2247°E, 6–7.07.2020 (M.N. Esin); 2♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 7–10.07.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E °E, 10–13.07.2020 (M.N. Esin); 4♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 13–15.07.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, (?) Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Iran, Ireland, Kazakhstan, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia (Altai, Karelia, Krasnoyarsk, Leningrad, Moscow, Nenets, Novgorod, Pskov, Saratov, Tatarstan, Vologda, Voronezh, Yakutia), Slovakia, Spain, Sweden, Switzerland, Turkey, UK, Ukraine. New for Mordovia.

Dolichopus migrans Zetterstedt, 1843

Material. 1♂, Staroe Shaygovo District, Staraya Terizmorga, 8.07.1919 (E.A. Lobachev); 3♂ (in ethanol), Zhegalovo, No 12, 54.6989°N / 43.4106°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Sweden, Gottlandia, Nahr, Hoburg and Furillen. Austria, Belarus, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Kazakhstan, Netherlands, Norway, Poland, Romania, Russia (Kamchatka, Karelia, Leningrad, Lipetsk, Magadan, Moscow, Ryazan, Siberia, Vladivostok, Voronezh), Slovakia, Sweden, UK, Ukraine. New for Mordovia.

Dolichopus notatus Staeger, 1842

Material. 1♂, Pushta, 54.7197°N / 43.227°E, woodfactory, Pinetum edge, 24–25.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Denmark, "I Moser; Dyrehaven Og: Engene Ved Leersoen, Temmelig Fjelden". Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Iran, Kazakhstan, Netherlands, Norway, Poland, Romania, Russia (Altai Republic, Blagoveshchensk, Karelia, Khabarovsk, Leningrad, Magadan, Moscow, Ryazan, Vladivostok, Voronezh, Yakutia), Slovakia, Sweden, Switzerland, UK. New for Mordovia.

Dolichopus pennatus Meigen, 1824

Material. 1♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich); 2♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 7–10.07.2020 (M.N. Esin); 4♂ (in ethanol), No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 2♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin); 2♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: not given (Germany). Trans-Palaearctic species. Russia (Adygea, Altai Republic, Altai Region, Arkhangelsk, Blagoveshchensk, Chechnya, Irkutsk, Kabardino-Balkaria, Kamchatka, Karachay-Cherkessia, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Kuril Islands, Leningrad, Magadan, Moscow, Murmansk, North Ossetia–Alania, Novgorod, Pskov, Sakhalin, Sverdlovsk, Tatarstan, Vladivostok, Vologda, Voronezh, Yakutia).

Dolichopus picipes Meigen, 1824

Material. 2♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev); 1♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: not given. Austria, Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Kazakhstan, Latvia, Netherlands, Norway, Poland, Romania, Russia (Altai Republic, Karelia, Krasnodar, Leningrad, Moscow, Murmansk, Novgorod, Pskov, Ryazan, Voronezh), Slovakia, Spain, Sweden, Switzerland, Turkey, UK. New for Mordovia.

Dolichopus plumipes (Scopoli, 1763)

= *Dolichopus parvicaudatus* Zetterstedt, 1843.

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 1♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N /43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Slovenia, "Carnioliae indigena". Mainly Holarctic species. Russia (Adygea, Arkhangelsk, Belgorod, Chukotka, Irkutsk, Kabardino-Balkaria, Kamchatka, Karachay-Cherkessia, Karelia, Khabarovsk, Kirov, Komi, Koryakia, Krasnodar, Leningrad, Lipetsk, Mari El Republic, Mordovia, Moscow, Murmansk, Nenets, Nizhnii Novgorod, North Ossetia–Alania, Novgorod, Novosibirsk, Perm, Pskov, Rostov, Tatarstan, Tomsk, Tyumen, Vladivostok, Vologda, Voronezh).

Dolichopus popularis Wiedemann, 1817

Material. 1♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev); 1♂, Plot No 447, 54.7158°N / 43.2247°E, 6–7.07.2020 (M.N. Esin); 6♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin); 23♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 7–10.07.2020 (M.N. Esin); 22♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 31♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin); 18♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 10–13.07.2020 (M.N. Esin); 21♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin); 7♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 13–15.07.2020 (M.N. Esin); 4♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 17–20.07.2020 (M.N. Esin); 1♂ (in ethanol), Bolshoy Urkat, river, No 15, 54.6929°N / 43.8649°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Germany, Holstein. Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Ireland, Netherlands, Norway, Poland, Romania, Russia (Adygea, Altai Republic, Irkutsk, Karachay-Cherkessia, Karelia, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Mordovia, Moscow, Novgorod, Ryazan, Voronezh, Yaroslavl), Slovakia, Sweden, Switzerland, UK, Ukraine (Kharkov).

Dolichopus ringdahli Stackelberg, 1930

Material. 8♂ (7 of them in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin).

Distribution. Type locality: Russia, "Kreis Jakutsk: Keedej-See; Sud-Ussuri-Gebiet: Tigrovaya, Kreis Sutshan". Russia (Blagoveshchensk, Buryatia, Khabarovsk, Murmansk, Sakhalin, Vladivostok, Yakutia), China (Jilin). First reliable record for Central European Russia.

Notes. Negrobov, Stackelberg [1969] included this species into their key as found in the "Center" of the European part of the USSR. However, original material was not published.

Dolichopus simplex Meigen, 1824

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–

13.07.2020 (M.N. Esin); 2♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 13–15.07.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg, Kiel. Armenia, Austria, Belarus, 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, Novgorod, Orenburg, Pskov, Rostov, Ryazan, Saratov, Tatarstan, Novgorod, Vologda, Voronezh), Sweden, Switzerland, Turkey, UK, Ukraine.

Dolichopus subpennatus d'Assis Fonseca, 1976

Material. 2♂, Cordon Taratinsky, 54.748°N / 43.046°E, Moksha River bank, Salix, 27–29.06.2020 (K.P. Tomkovich).

Distribution. Type locality: England, Inverness-shire, Spey Bridge. Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Iran, Ireland, Lithuania, Luxembourg, Moldova, Netherlands, Norway, Poland, Romania, Russia (Adygea, Altai Republic, Kursk, Leningrad, Lipetsk, Novgorod, Perm, Voronezh), Slovakia, Sweden, Turkey, UK, Ukraine. New for Mordovia.

Dolichopus ungulatus (Linnaeus, 1758)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev); 2♂, Plot No 447, 54.7135°N / 43.2266°E, 8–14.06.2020 (M.N. Esin); 1♂, Plot No 447, 54.7135°N / 43.2266°E, 22–26.06.2020 (M.N. Esin); 3♂, Purdoshki, 54.6694°N / 43.5416°E, 25.06.2020 (M.N. Esin); 2♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich); 2♂, Plot No 447, 54.7158°N / 43.2247°E, 6–7.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 7–10.07.2020 (M.N. Esin); 11♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin); 3♂ (in ethanol), Svobodny, river, No 17, 54.7424°N /43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: "Europe". Trans-Palaearctic species. Russia (Adygea, North Ossetia–Alania, Altai Republic, Altai Region, Chechnya, Irkutsk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Khanty-Mansi, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Mordovia, Moscow, Novgorod, Novosibirsk, Orenburg, Perm, Pskov, Ryazan, Tatarstan, Novgorod, Vologda, Voronezh, Yakutia).

Dolichopus wahlbergi Zetterstedt, 1843

Material. 12♂ (in ethanol), Svobodny, river, No 17, 54.7424°N /43.9032°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Ten'gushevo, No 24, 54.7602°N / 43.7262°E, 10–14.09.2020 (M.N. Esin).

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

Ethiromyia chalybea (Wiedemann, 1817)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev); 1♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 2♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: Germany. Austria, Belarus (Minsk), Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Romania, Russia (Crimea, Leningrad, Tatarstan, Voronezh), Slovakia, Sweden, Switzerland, UK, Ukraine (Poltava, Kherson). New for Mordovia.

Gymnopternus aerosus (Fallén, 1823)

= *Hercostomus aerosus* (Fallén, 1823).

Material. 1♂, Cordon Inorsky env., Plot No 436, sweeping, 9.06.2020 (G.B. Semishin); 1♂, Plot No 449, 54.7091°N / 43.2133°E, 22–26.06.2020 (M.N. Esin); 11♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin); 2♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 6♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 10–13.07.2020 (M.N. Esin); 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 12–15.07.2020 (K.P. Tomkovich).

Distribution. Type locality: not given (Sweden). 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, North Ossetia–Alania, Arkhangelsk, Buryatia, Irkutsk, Kaliningrad, Karelia, Karachay-Cherkessia, Khanty-Mansi, Krasnodar, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Novgorod, Pskov, Tatarstan, Ural, Voronezh, Vladivostok), Slovakia, Sweden, Tajikistan, UK, Ukraine; Oriental: Taiwan.

Gymnopternus assimilis (Staeger, 1842)

Material. 6♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin).

Distribution. Type locality: not given (Denmark). Austria, Belarus, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Netherlands, Poland, Russia (Karachay-Cherkessia, Leningrad, Moscow, Ryazan, Voronezh), Sweden, Switzerland, Turkey, UK, Ukraine. New for Mordovia.

Gymnopternus blankaartensis (Pollet, 1991)

Material. 6♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin).

Distribution. Type locality: Belgium, West Flanders, Woumen, De Blankaart Nature Reserve. Azerbaijan, Belgium, Croatia, Czech Republic, France, Germany, Hungary, Iran, Netherlands, Russia (Crimea, Krasnodar), Sweden, Switzerland, Turkey, UK, Ukraine. New for Mordovia.

Gymnopternus celer (Meigen, 1824)

= *Hercostomus* (*Gymnopternus*) *celer* (Meigen, 1824).

Material. 1♂, Pushta, 54.71°N / 43.22°E, 22–24.06.2020 (N.E. Vikhrev); 1♂, Plot No 447, 54.7135°N / 43.2266°E, 22–26.06.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 13–15.07.2020 (M.N. Esin).

Distribution. Type locality: not given (Germany). 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 Republic, Altai Region, Buryatia, Krasnodar, Krasnoyarsk, Mordovia, Moscow, Novgorod, Novosibirsk, Pskov, Ryazan, Tatarstan, Voronezh), Serbia, Slovakia, Sweden, Switzerland, Turkey, UK, Ukraine.

Gymnopternus metallicus (Stannius, 1831)

= *Hercostomus metallicus* (Stannius, 1831).

Material. 1♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev); 1♂, Plot No 447, 54.7135°N / 43.2266°E, 22–26.06.2020 (M.N. Esin); 58♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin); 26♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 10–13.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 17–20.07.2020 (M.N. Esin).

Distribution. Type locality: Germany, "Umgegend von Hamburg". Abkhazia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece including Crete, Hungary, Iran, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Moldova, Netherlands, North Macedonia, Norway, Poland, Romania, Russia (Altai Republic, Kabardino-Balkaria, Kamchatka, Karachay-Cherkessia, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Kursk, Leningrad, Lipetsk, Moscow, North Ossetia–Alania, Novgorod, Orel, Pskov, Ryazan, Saratov, Tatarstan, Vladivostok, Vologda, Voronezh), Slovakia, Sweden, Switzerland, Turkey, UK.

Hercostomus nigriplantis (Stannius, 1831)

Material. 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 7–10.07.2020 (M.N. Esin); 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich).

Distribution. Type locality: Germany, Potsdam, Berlin. Armenia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, France, Georgia, Germany, Hungary, Italy, Latvia, Moldova, Norway, Poland, Romania, Russia (Adygea, Buryatia, Chechnya, Crimea, Kabardino-Balkaria, Krasnodar, Kursk, Leningrad, Mordovia, Murmansk, Ryazan, Tatarstan, Voronezh), Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Ukraine.

Hydrophorus brunnicosus Loew, 1857

Material. 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N /43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Poland, Poznan. Austria, Belarus, Estonia, Finland, Poland, Russia (Crimea, Irkutsk, Krasnoyarsk, Leningrad, Lipetsk, Mordovia, Moscow, Novgorod, Novosibirsk, Orenburg, Ryazan, North-West Siberia, Voronezh, (?) Yakutia, Yaroslavl), Sweden.

Hydrophorus praecox (Lehmann, 1822)

Material. 1♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Germany, Hamburg. Almost a cosmopolitan species. Russia (Astrakhan, Chechnya, Chukotka, Crimea, Kabardino-Balkaria, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Leningrad, Murmansk, Stavropol, Voronezh). New for Mordovia.

Hydrophorus viridis (Meigen, 1824)

Material. 1♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Austria. Afghanistan, Algeria, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, China, Czech Republic, Egypt, Finland, France, Germany, Hungary, Iceland, Italy, Kazakhstan, Moldova, Mongolia, Morocco, Netherlands, "Palestine", Poland, Romania, Russia (Krasnodar, Krasnoyarsk, Leningrad, Magadan, Mordovia, Rostov, Ryazan, Samara, Tumen, Voronezh), Slovakia, Sweden, Tajikistan, UK, Ukraine (Odessa), Uzbekistan.

Medetera jacula (Fallén, 1823)

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 17♂ (in ethanol), Novye Shaly, No 14, 54.7012°N / 43.6427°E, 21–24.08.2020 (M.N. Esin); 25♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin); 3♂ (in ethanol), Zhegalovo, No 12, 54.6989°N / 43.4106°E, 21–24.08.2020 (M.N. Esin); 5♂ (in ethanol), Zhegalovo, No 11, 54.7067°N / 43.4051°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Bolshoy Urkat, river, No 15, 54.6929°N / 43.8649°E, 21–24.08.2020 (M.N. Esin); 1♂, Moksha River, No 18, 54.5972°N / 43.1950°E, 30.08–3.09.2020 (M.N. Esin).

Distribution. Type locality: Sweden, Scania. West Palaearctic species. Russia (Altai Rep., Buryatia, Chechnya, Crimea, Irkutsk, Kabardino-Balkaria, Kaluga, Krasnodar, Kursk, Leningrad, Mordovia, Moscow, North Ossetia–Alania, Novgorod, Novosibirsk, Rostov, Ryazan, Stavropol, Tuva, Ural, Vologda, Voronezh, Yakutia).

Medetera pallipes (Zetterstedt, 1843)

Material. 1♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Bolshoy Urkat, river, No 15, 54.6929°N / 43.8649°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Scania, "in Ostrog ad Wadstena; Botnia orientali ad Johannis Ro prope Tormea" [Sweden; Denmark]. West Palaearctic species. Russia (Adygea, Chechnya, Crimea, Kabardino-Balkaria, Karelia, Krasnodar, Leningrad, Novgorod, Pskov, Ryazan, Stavropol, Voronezh). New for Mordovia.

Medetera plumbella Meigen, 1824

Material. 2♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich); 1♂, Pushta env., Karaevo, 54.7035°N / 43.2247°E, steppe, 24.07.2020 (K.P. Tomkovich); 7♂ (in ethanol), Novye Shaly, No 14, 54.7012°N / 43.6427°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Germany, Berlin. Armenia, Austria, Belgium, China, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Israel, Italy, Kazakhstan, Netherlands, Norway, Poland, Russia (Crimea, Irkutsk, Ryazan, Tatarstan, Voronezh), Slovakia, Sweden, Turkey. New for Mordovia.

Medetera tristis (Zetterstedt, 1838)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev).

Distribution. Type locality: Sweden, Lycksele, Lapponia Umensi Umenaes, Stoettingsfellet. Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Netherlands, Norway, Poland, Russia (Karelia, Leningrad, Pskov, Ural, Novgorod,

Vladivostok), Slovakia, Sweden, Switzerland, UK. New for Mordovia.

Nematoproctus distendens (Meigen, 1824)

Material. 1♂, Plot No 449, 54.7091°N / 43.2133°E, 22–26.06.2020 (M.N. Esin); 6♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 7–10.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 448, 54.7090°N / 43.1951°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Austria, Belgium, Bosnia and Herzegovina, Czech Republic, France, Germany, Hungary, Italy, Netherlands, Romania, Russia (Leningrad, Voronezh), Serbia, Slovakia, Switzerland, UK, Ukraine (Kharkov). New for Mordovia.

Neurigona pallida (Fallén, 1823)

Material. 1♂, Cordon Novinkovsky, 54.931°N / 43.421°E, 4–7.07.2020 (K.P. Tomkovich).

Distribution. Europe from West to South Ural; East Russia (Tomsk, Khanty-Mansi). New for Mordovia.

Peodes forcipatus Loew, 1857

Material. 2♂, Cordon Taratinsky, 54.748°N / 43.046°E, Moksha River bank, Salix, 27–29.06.2020 (K.P. Tomkovich).

Distribution. Type locality: "Schlesien". Austria, Czech Republic, France, Germany, Hungary, Italy, Norway, Poland, Romania, Russia (Krasnodar, (?) Krasnoyarsk, Leningrad, Ural), Slovakia, Sweden, Switzerland. New for Mordovia.

Poecilobothrus chrysozygos (Wiedemann, 1817)

= *Hercostomus* (*Gymnopternus*) *chrysozygos* (Wiedemann, 1817).

Material. 1♂, Purdoshki, 54.6694°N / 43.5416°E, 25.06.2020 (M.N. Esin); 1♂, Purdoshki env., 54.689°N / 43.533°E, 25.06.2020 (N.E. Vikhrev); 1♂, Plot No 447, 54.7158°N / 43.2247°E, 6–7.07.2020 (M.N. Esin); 13♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 8–10.07.2020 (M.N. Esin); 1♂ (in ethanol), Plot No 449, 54.7087°N / 43.2133°E, 10–13.07.2020 (M.N. Esin); 3♂ (in ethanol), Plot No 447, 54.7155°N / 43.2243°E, 10–13.07.2020 (M.N. Esin).

Distribution. Type locality: Germany, probably Aachen. Armenia, Austria, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, France, Germany, Hungary, Iran, Kazakhstan, Latvia, Moldova, Netherlands, Poland, Romania, Russia (Adygea, Karachay-Cherkessia, Khabarovsk, Krasnodar, Lipetsk, Mordovia, Moscow, Voronezh, Ural), Serbia, Slovakia, Spain, Sweden, Switzerland, Turkey, UK, Ukraine.

Rhaphium elegantulum (Meigen, 1824)

Material. 1♂, Plot No.447, 54.7135°N / 43.2266°E, 8–14.06.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Austria, Belarus, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Ireland, Latvia, Moldova, Netherlands, Norway, Poland, Romania, Russia (Altai Republic, Blagoveshchensk, Buryatia, Irkutsk, Kamchatka, Karelia, Khanty-Mansi, Krasnoyarsk, Krasnodar, Kursk, Leningrad, Magadan, Mordovia, Murmansk, Novgorod, Novosibirsk, Sverdlovsk, Voronezh, Yakutia, Yamalo-Nenets), Spain, Sweden, UK; Nearctic Region.

Rhaphium laticorne (Fallén, 1823)

Material. 1♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich); 1♂, Cordon Taratinsky, 54.748°N / 43.046°E, Moksha River bank, Salix, 27–29.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Sweden. Austria, Belarus, Belgium, Bulgaria, Bosnia and Herzegovina, Czech Republic, Denmark, Finland, France, Germany, Hungary, Ireland, Italy, Kyrgyzstan, Latvia, Luxembourg, Middle Asia, Netherlands, Norway, Poland, Romania, Russia (Altai Republic, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Mordovia, Moscow, Murmansk, Novosibirsk, Pskov, Ryazan, Voronezh), Slovakia, Sweden, Turkey, UK, Ukraine.

Rhaphium micans (Meigen, 1824)

Material. 1♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Germany, Hamburg. Abkhazia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, China, Czech Republic, Finland, France, Germany, Hungary, Iran, Italy, Latvia, Netherlands, Norway, Poland, Romania, Russia (Adygea, Astrakhan, Bryansk, Kabardino-Balkaria, Karachay-Cherkessia, Karelia, Khabarovsk, Krasnodar, Krasnoyarsk, Kursk, Lipetsk, Leningrad, Mordovia, Pskov, Rostov, Ryazan, Voronezh, Vladivostok), Serbia, Slovakia, Spain, Sweden, Switzerland, Tajikistan, Turkey, UK.

Rhaphium nasutum Fallén, 1923

Material. 2♂, Purdoshki, Moksha River, 54.669°N / 43.542°E, 25.06.2020 (K.P. Tomkovich).

Distribution. Type locality: Sweden, "Svecia meridionali". Holarctic species. Russia (Altai Republic, Bryansk, Irkutsk, Kamchatka, Karelia, Khanty-Mansi, Komi, Krasnoyarsk, Leningrad, Mordovia, Moscow, Ryazan, Sakhalin, Sverdlovsk, Vladivostok, Voronezh, Yakutia).

Rhaphium nigribarbatum (Becker, 1900)

Material. 2♂, Purdoshki, 54.6694°N / 43.5416°E, 25.06.2020 (M.N. Esin).

Distribution. Type locality: Russia, Khantaika. Belgium, Finland, Norway, Russia (Altai Republic, Arkhangelsk, Blagoveshchensk, Kamchatka, Komi, Krasnoyarsk, Magadan, Murmansk, Nenetsia, Ryazan, Taimyr, Ural, Vladivostok, Yakutia, Yamalo-Nenets), Sweden; Nearctic Region. New for Mordovia.

Sciapus albifrons (Meigen, 1830)

Material. 4♂ (in ethanol), Svobodny, quarry, No 16, 54.7221°N / 43.9036°E, 21–24.08.2020 (M.N. Esin); 3♂ (in ethanol), Novye Shaly, No 14, 54.7012°N / 43.6427°E, 21–24.08.2020 (M.N. Esin); 1♂ (in ethanol), Moksha River, No 18, 54.5972°N / 43.1950°E, 30.08–3.09.2020 (M.N. Esin).

Distribution. Type locality: not given. Austria, Belgium, Croatia, Czech Republic, Estonia, Finland, France, Germany, Hungary, Latvia, Lithuania, Netherlands, "Palestine", Poland, Romania, Russia (Karachay-Cherkessia, Leningrad, Moscow, Novosibirsk, Pskov, Ryazan, Voronezh), Slovakia, Turkey, Ukraine. New for Mordovia.

Sciapus lobipes (Meigen, 1824)

Material. 1♂, Cordon Taratinsky, 54.7426°N / 43.0928°E, Tilia / Quercus, yellow pan trap, near Moksha River, 26–29.06.2020 (K.P. Tomkovich).

Distribution. Type locality: not given. Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, Germany, Hungary, Netherlands, Poland, Russia (Leningrad, Moscow), Slovakia, Spain. New for Mordovia.

Sciapus longulus (Fallén, 1823)

Material. 1♂, Cordon Steklyanny, 54.894°N / 43.601°E, 9–11.07.2020 (K.P. Tomkovich).

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 (Astrakhan, Belgorod, Kabardino-Balkaria, Krasnodar, Kursk, Leningrad, Lipetsk, Moscow, Novgorod, Novosibirsk, Rostov, Ryazan, Saratov, Voronezh), Slovakia, Spain, Sweden, Switzerland, UK, Ukraine. New for Mordovia.

Sciapus maritimus Becker, 1918

Material. 1♂, Cordon Taratinsky, 54.748°N / 43.046°E, Moksha River bank, Salix, 27–29.06.2020 (K.P. Tomkovich).

Distribution. Type locality: "Nordseeküste auf sylt; Süd-Frankreich; Polen" [Germany, France, Poland]. Belgium, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Hungary, Latvia, Lithuania, Netherlands, Poland, Romania, Russia (Krasnodar, Leningrad), Spain, Sweden, UK. New for Mordovia.

Sciapus platypterus (Fabricius, 1805)

Material. 1♂, Pushta, 54.71°N / 43.22°E, 8–12.06.2020 (N.E. Vikhrev); 1♂, Cordon Novinkovsky, 54.931°N / 43.421°E, 4–7.07.2020 (K.P. Tomkovich).

Distribution. Type locality: Germany. Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Montenegro, Netherlands, Norway, Poland, Romania, Russia (Leningrad, Moscow, Novgorod, Pskov, Ryazan, Tatarstan, Voronezh), Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, UK, Ukraine. New for Mordovia.

Sybistroma obscurella (Fallén, 1823)

= *Hypophyllus obscurellus* (Fallén, 1823).

Material. 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N / 43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: Sweden, "Esperod Scan". Abkhazia, Bosnia and Herzegovina, Czech Republic, Denmark, France, Georgia, Greece, Germany, Hungary, Ireland, Italy, Montenegro, (?) Morocco, Netherlands, Romania, Russia (Adygea, Crimea, Krasnodar, Novgorod), Sweden, Switzerland, Turkey, UK.

Sympycnus pulicarius (Fallén, 1823)

= *Sympycnus annulipes* (Meigen, 1824).

Material. 1♂, Cordon Steklyanny, 54.896°N / 43.606°E, 8–13.07.2020 (K.P. Tomkovich).

Distribution. Type locality: not given (Sweden). Andorra, Austria, Azerbaijan, Belgium, Bosnia and Herzegovina, 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 (North Ossetia–Alania, Altai Republic, Altai Region, Buryatia, Chechnya, Chelyabinsk, Crimea, Kabardino-Balkaria, Kaliningrad, Karachay-Cherkessia, Karelia, Khakassia, Krasnodar, Krasnoyarsk, Leningrad, Lipetsk, Moscow, Murmansk, Novgorod, Novosibirsk, Pskov, Stavropol, Sverdlovsk, Tambov, Tatarstan, Voronezh, Yakutia), Serbia, Slovakia, Spain including Canary Islands, Sweden, Switzerland, Tajikistan, Turkey, UK, Ukraine, Uzbekistan. Nearctic: USA (California).

Syntormon metathesis (Loew, 1850)

Material. 1♂, Zubova Polyana, 54.07°N / 42.86°E, 30.08.2020 (N.E. Vikhrev).

Distribution. Type locality: Germany. Austria, Belgium, Bulgaria, Czech Republic, Estonia, Finland, France, Germany, Hungary, Latvia, Macedonia, Netherlands, Poland, Romania, Russia (Krasnodar, Leningrad, Ryazan, Saratov, Ural, Voronezh), Spain, Sweden, Switzerland, Slovakia, Turkey. New for Mordovia.

Syntormon pumilus (Meigen, 1824)

Material. 1♂, Saransk env., 54.137°N / 44.907°E, 21.06.2020 (N.E. Vikhrev).

Distribution. Type locality: not given. Afghanistan, Armenia, Austria, Belarus, Belgium, Bulgaria, Czech Republic, Denmark, (?) Egypt, Estonia, Finland, France, Germany, Great Britain, Greece, Hungary, Ireland, (?) Israel, Italy, Latvia, Morocco, Norway, Poland, Romania, Russia (Astrakhan, Kabardino-Balkaria, Kaluga, Karelia, Krasnodar, Kursk, Leningrad, Lipetsk, Moscow, Murmansk, Novosibirsk, Pskov, Stavropol, Vologda, Voronezh, Yakutia), Slovakia, Sweden, Spain (Canary Islands), Tunisia, Turkey, UK, Ukraine (Kherson, Odessa); Middle Asia. New for Mordovia.

Tachytrechus ammobates (Haliday, 1851)

Material. 1♂ (in ethanol), Purdoshki, river, 54.67°N / 43.54°E, 6.09.2020 (M.N. Esin).

Distribution. Type localities: Sweden; Germany. Austria, Belarus (Vitebsk), Belgium, Denmark, Estonia, Finland, France, Germany, Latvia, Netherlands, Norway, Poland, Russia (Karelia, Leningrad, Pskov, Siberia), Sweden. New for Mordovia.

Teuchophorus nigricosta (von Roser, 1840)

= *Teuchophorus signatus* (Zetterstedt, 1849).

Material. 1♂ (in ethanol), Svobodny, river, No 17, 54.7424°N / 43.9032°E, 21–24.08.2020 (M.N. Esin).

Distribution. Type locality: not given (Germany, Wurttemberg). Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Italy, Netherlands, Poland, Romania, Russia (Krasnoyarsk, Leningrad, Lipetsk, Mordovia, Novgorod, Pskov), Slovakia, Sweden, Switzerland, UK.

Conclusion

Most collected species are widespread across the Palaearctic Region, being common in the well-studied regions of European Russia. Some rare dolichopodid species collected in the Republic of Mordovia are worth noting. *Sybistroma obscurella* is a southern West Palaearctic element with the nearest findings in Adygea, Crimea, Krasnodar and Novgorod regions of Russia. The East Palaearctic *Dolichopus ringdahli* was reported in Europe from the Murmansk Region only. The European boreal *Tachytrechus ammobates* was known in Russia from the North-West, with doubtful record from "Siberia". Similarly, *Argyra auricollis* was known from the North-West of Russia. The European *Sciapus lobipes* and *Sciapus maritimus* are rare species, known in Russia from the Moscow and Leningrad regions (*S. lobipes*), Krasnodar and Leningrad regions (*S. maritimus*). The rare European *Nematoproctus distendens* was known from the Leningrad and Voronezh Regions.

As a result of this study, new material of Dolichopodidae was collected and identified. The present research features new records, including 39 species new for the Republic of Mordovia, 60 species found for the first time in the Mordovian Nature Reserve and its environs, and one new for the Smolny National Park. In total, 98 species are recorded in this region that apparently makes up 40–50% of actual Dolichopodidae fauna in the Republic of Mordovia. The list of species found in the Mordovian Nature Reserve has increased from 11 to 71.

Check-list of Dolichopodidae species known from Mordovia

An asterisk * designates species reported from the Mordovian Nature Reserve.

1. *Argyra argentina* (Meigen, 1824)
2. **Argyra auricollis* (Meigen, 1824)
3. **Argyra diaphana* (Fabricius, 1775)
4. **Argyra elongata* (Zetterstedt, 1843)
5. **Argyra grata* Loew, 1857
6. **Argyra vestita* (Wiedemann, 1817)
7. **Asyndetus latifrons* (Loew, 1857)
8. *Campsicnemus curvipes* (Fallén, 1823)
9. *Campsicnemus lumbatus* Loew, 1857
10. *Campsicnemus pumilio* (Zetterstedt, 1843)
11. *Campsicnemus pusillus* (Meigen, 1824)
12. **Campsicnemus scambus* (Fallén, 1823)
13. **Chrysotimus molliculus* (Fallén, 1823)
14. **Chrysotus angulicornis* Kowarz, 1874
15. **Chrysotus cilipes* Meigen, 1824
16. *Chrysotus femoratus* Zetterstedt, 1843
17. **Chrysotus gramineus* (Fallén, 1823)
18. *Chrysotus laesus* (Wiedemann, 1817)
19. **Chrysotus neglectus* (Wiedemann, 1817)
20. **Chrysotus suavis* Loew, 1857
21. *Diaphorus disjunctus* Loew, 1857
22. **Diaphorus exunguiculatus* Parent, 1925
23. **Diaphorus oculatus* (Fallén, 1823)
24. **Dolichopus acuticornis* Wiedemann, 1817
25. *Dolichopus apicalis* Zetterstedt, 1849
26. **Dolichopus arbustorum* Stannius, 1831
27. **Dolichopus cilifemoratus* Macquart, 1827
28. **Dolichopus claviger* Stannius, 1831
29. **Dolichopus discifer* Stannius, 1831
30. **Dolichopus latilimbatus* Macquart, 1827
31. **Dolichopus lepidus* Staeger, 1842
32. **Dolichopus linearis* Meigen, 1824
33. **Dolichopus lineatocornis* Zetterstedt, 1843
34. **Dolichopus longicornis* Stannius, 1831
35. **Dolichopus longitarsis* Stannius, 1831
36. *Dolichopus migrans* Zetterstedt, 1843
37. **Dolichopus notatus* Staeger, 1842
38. *Dolichopus nubilus* Meigen, 1824
39. **Dolichopus pennatus* Meigen, 1824
40. **Dolichopus picipes* Meigen, 1824
41. **Dolichopus plumipes* (Scopoli, 1763)
42. **Dolichopus popularis* Wiedemann, 1817
43. **Dolichopus ringdahli* Stackelberg, 1930
44. **Dolichopus simplex* Meigen, 1824
45. **Dolichopus subpennatus* d'Assis Fonseca, 1976
46. *Dolichopus trivialis* Haliday, 1832
47. **Dolichopus ungulatus* (Linnaeus, 1758)
48. **Dolichopus wahlbergi* Zetterstedt, 1843
49. **Ethiromyia chalybea* (Wiedemann, 1817)
50. **Gymnopternus aerosus* (Fallén, 1823)
51. **Gymnopternus assimilis* (Staeger, 1842)
52. **Gymnopternus blankaartensis* (Pollet, 1991)
53. **Gymnopternus celer* (Meigen, 1824)
54. **Gymnopternus metallicus* (Stannius, 1831)
55. **Hercostomus nigriplantis* (Stannius, 1831)
56. *Hydrophorus bipunctatus* (Lehmann, 1822)
57. **Hydrophorus brunnicosus* Loew, 1857
58. *Hydrophorus litoreus* Fallén, 1823
59. **Hydrophorus praecox* (Lehmann, 1822)
60. **Hydrophorus viridis* (Meigen, 1824)
61. *Hydrophorus wahlgreni* Frey, 1915
62. *Medetera abstrusa* Thuneberg, 1955
63. *Medetera apicalis* (Zetterstedt, 1843)
64. *Medetera bilineata* Frey, 1915
65. **Medetera jacula* (Fallén, 1823)
66. **Medetera pallipes* (Zetterstedt, 1843)
67. **Medetera plumbella* Meigen, 1824
68. **Medetera tristis* (Zetterstedt, 1838)
69. **Nematoproctus distendens* (Meigen, 1824)
70. **Neurigona erichsoni* (Zetterstedt, 1843)
71. **Neurigona pallida* (Fallén, 1823)
72. **Peodes forcipatus* Loew, 1857
73. **Poecilobothrus chrysozygos* (Wiedemann, 1817)
74. *Rhaphium albifrons* Zetterstedt, 1843
75. *Rhaphium antennatum* (Carlier, 1835)
76. *Rhaphium caliginosum* Meigen, 1824
77. **Rhaphium crassipes* (Meigen, 1824)
78. **Rhaphium elegantulum* (Meigen, 1824)
79. **Rhaphium laticorne* (Fallén, 1823)
80. **Rhaphium micans* (Meigen, 1824)
81. *Rhaphium monotrichum* Loew, 1850
82. **Rhaphium nasutum* Fallén, 1923
83. **Rhaphium nigribarbatum* (Becker, 1900)
84. **Sciapus albifrons* (Meigen, 1830)
85. **Sciapus laetus* (Meigen, 1838)
86. **Sciapus lobipes* (Meigen, 1824)

87. **Sciapus longulus* (Fallén, 1823)
88. **Sciapus maritimus* Becker, 1918
89. **Sciapus platypterus* (Fabricius, 1805)
90. **Sybistroma obscurella* (Fallén, 1823)
91. **Sympycnus pulicarius* (Fallén, 1823)
92. *Syntormon bicolorellus* (Zetterstedt, 1843)
93. *Syntormon metathesis* (Loew, 1850)
94. *Syntormon pumilus* (Meigen, 1824)
95. **Tachytrechus ammobates* (Haliday, 1851)
96. *Tachytrechus ripicola* Loew, 1857
97. *Teuchophorus calcaratus* (Macquart, 1827)
98. **Teuchophorus nigricosta* (von Roser, 1840)

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