Far Eastern Entomologist

Number 540: 7-23 | ISSN 1026-051X (print edition) ISSN 2713-2196 (online edition) | January 2026

https://doi.org/10.25221/fee.540.2
https://elibrary.ru/wwowbf
https://zoobank.org/References/D909B19B-D3DD-4F04-BA7B-07FA128EE2A6

ADDITION TO THE FAUNA OF FRUIT FLIES (DIPTERA: DROSOPHILIDAE) OF THE CENTRAL AND SOUTH REGIONS OF EUROPEAN RUSSIA

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Summary. The annotated lists of the drosophilid flies of eight regions of Europenan part of Russia are given. We collected and determined 1909 specimens of Drosophilidae from these regions. The fauna of Astrakhanskaya Oblast consists of 12 species in 5 genera, Voronezhskaya Oblast – 26 species in 9 genera, Penzenskaya Oblast – 9 species in 6 genera, Samarskaya Oblast – 18 species in 8 genera, Saratovskaya Oblast – 15 species in 5 genera, Tambovskaya Oblast – 11 species in 5 genera, Ulyanovskaya Oblast – 13 species in 7 genera, and the Republic of Tatarstan – 22 species in 8 genera. Most of species are recorded from each region for the first time. The composition of faunas of these regions and the Republic of Mordovia is breafly discussed.

Key words: Diptera, Drosophilidae, fauna, new records, European part of Russia.

Н. Г. Горностаев, А. Б. Ручин, М. Н. Есин. Дополнение к фауне плодовых мушек (Diptera: Drosophilidae) центральных и южных регионов европейской части России // Дальневосточный энтомолог. 2026. N 540. С. 7-23.

Резюме. Приведены аннотированные списки мух-дрозофилид восьми регионов европейской части России. Было собрано и определено 1909 экземпляров Drosophilidae из этих регионов. В настоящее время в Астраханской области насчитывается 12 видов из 5 родов, Воронежской области – 26 видов из 9 родов, в Пензенской области – 9 видов из 6 родов, в Самарской области – 18 видов из 8 родов, в Саратовской области – 15 видов из 5 родов, в Тамбовской области – 11 видов из 5 родов, в Ульяновской области – 13 видов из 7 родов, а в Республике Татарстан – 22 вида из 8 родов. Большинство видов впервые указываются из соответствующих регионов. Кратко обсуждается состав фауны этих регионов и Республики Мордовия.

INTRODUCTION

The fauna of Drosophilidae of the European Russia is still unsufficiently studied, although active research has been conducted in some regions in recent years. Among them is an intensive

investigation of the fauna and ecology of drosophilids in the Republic of Mordovia, firstly, in the study of the process of forest restoration after fires (Ruchin *et al*., 2021), secondly, in the study of seasonal dynamics of drosophilids in five different types of forests in the Mordovia State Nature Reserve (Gornostaev *et al*., 2022) and, thirdly, in the study of their vertical distribution in deciduous forests of this Reserve (Gornostaev et al., 2023). Finally, the most recent faunistic checklist of the Republic of Mordovia was presented, consisting of 44 species in 12 genera (Gornostaev *et al*., 2024b). In addition, the faunistic and ecological investigations of drosophilids were conducted in Moscow City (Gornostaev *et al*., 2024a), as well as faunistic studies in the Republic of Adygea and Krasnodarsky Krai (Gornostaev & Lyupina, 1923a,b). However, drosophilid fauna in many regions of European Russia has not been explored at all.

In this work the data on drosophilids of Astrakhanskaya, Penzenskaya, Saratovskaya, Tambovskaya, and Ulyanovskaya oblast are given for the first time. Lists of species of the Republic of Tatarstan, Voronezhskaya and Samarskaya Oblast are added by new redords.

MATERIAL AND METHODS

The most of drosophilid flies were caught with the the use of traps made from standard plastic 5-L water bottles, each of them with a cut-out window on one side, located 10 cm above the bottom (Ruchin *et al*., 2020). The traps were hung on the trunks of the trees and a mixture of beer, sugar, and honey was employed in the traps as bait. All collected specimens were stored in 70% ethanol and determined by the first author.

Abbreviations of collectors: AN –A. Nikolaeva, AR – A. Ruchin, GS – G. Suleymanova, KL – K. Litvinov, LT – L. Temkina, SS – S. Sorokina, YL – Y. Lukyanova. New for each region records are asterisked (*).

LIST OF SPECIES OF ASTRAKHANSKAYA OBLAST

Subfamily Steganinae

***Gitona distigma* Meigen, 1830**

MATERIAL. Astrakhan Biosphere Nature Reserve, Damchinsky plot, 10.V– 22.V 2021, 2 ♂, 4 ♀ (KL).

DISTRIBUTION. Widespread in Palaearctic region (Bächli & Rocha Pité, 1984) and Russia (Gornostaev, 1997; Sidorenko, 2001).

***Leucophenga maculata* (Dufour, 1839)**

MATERIAL. Astrakhan Biosphere Nature Reserve, Damchinsky plot, 10.V– 22.V 2021, 21 ♂, 13 ♀ (KL).

DISTRIBUTION. Widespread in the south of Palaearctic region (Bächli & Rocha Pité, 1984) and south of Russia (Gornostaev, 1997; Sidorenko, 2001).

***Phortica variegata* (Fallen, 1823)**

MATERIAL. Astrakhan Biosphere Nature Reserve, Damchinsky plot, 21.IV– 22.V 2021, 4 ♂, 8 ♀ (KL).

DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984) and European Russia (Gornostaev, 1997).

Subfamily Drosophilinae

***Drosophila (Drosophila) funebris* (Fabricius, 1787)**

MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 7 ♂, 9 ♀ (LT, SS).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) kuntzei* Duda, 1924**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 1 ♂, 2 ♀ (LT, SS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) picta* Zetterstedt, 1847**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 2 ♀ (LT, SS).
DISTRIBUTION. Europe (Bächli & Rocha Pité, 1984), cental regions of European Russia (Gornostaev *et al*., 2024b).

***Drosophila (Drosophila) phalerata* Meigen, 1830**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 3 ♂, 8 ♀ (LT, SS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) melanogaster* Meigen, 1830**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 12 ♂, 18 ♀ (LT, SS); Astrakhan Biosphere Nature Reserve, Damchinsky plot, 05–11.VII 2021, 3 ♂ (KL).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) simulans* Sturtevant, 1919**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 6 ♂, 3 ♀ (LT, SS).
DISTRIBUTION. Widespread in Palaearctic region; found in Russia (Sidorenko, 2001).

***Drosophila (Sophophora) subobscura* Collin in Gordon, 1936**
MATERIAL. Astrakhan Biosphere Nature Reserve, Damchinsky plot, 5–11.VII 2021, 2 ♂ (KL).
DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984), in the south and center of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a; Gornostaev *et al*., 2023).

***Drosophila (Sophophora) tristis* Fallen, 1823**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 2 ♂, 5 ♀ (LT, SS); Astrakhan Biosphere Nature Reserve, Damchinsky plot, 21.IV–11.VII2021, 12 ♂, 8 ♀ (KL).
DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984) and in the south of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a, b), recently found in the Republic of Mordovia (Gornostaev *et al*., 2022, 2023).

***Scaptodrosophila rufifrons* (Loew, 1873)**
MATERIAL. Astrakhan Biosphere Nature Reserve, 7–31.VIII 2002, 12 ♂, 8 ♀ (LT, SS); Astrakhan Biosphere Nature Reserve, Damchinsky plot, 21.IV–11.VII 2021, 17 ♂, 17 ♀ (KL).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

LIST OF SPECIES OF VORONEZHSKAYA OBLAST

Subfamily Steganinae

***Amiota albilabris* (Roth in Zetterstedt, 1860)**
MATERIAL. Novokhopersk District, Novorzhavets, 20.V–05.VI 2022, 2 ♂ (AR).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Amiota alboguttata* (Wahlberg, 1839)**
MATERIAL. Gribanovsky District, Gribanovsky, 07.V–06.VI 2022, 14 ♂, 25 ♀ (AR); Gribanovsky District, Dmitrievka, 20.V–05.VI 2022, 5 ♂, 8 ♀ (AR); Gribanovsky District,

Posevkino, 16.VI–30.VI 2022, 1 ♀ (AR); Gribanovsky District, Tellermanovsky, 07.V– 20.V 2022, 1 ♂, 3 ♀ (AR); Novokhopersk District, Novorzhavets, 20.V–05.VI 2022, 1 ♀ (AR); Novokhopersk District, Varvarino, 07.V– 20.V 2022, 2 ♀ (AR).

DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984) and European Russia (Gornostaev, 1997).

***Amiota subtusradiata* Duda, 1934**

MATERIAL. Gribanovsky District, Gribanovsky, 07.V–06.VI 2022, 1 ♂, 2 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Gitona distigma* Meigen, 1830**

MATERIAL. Gribanovsky District, Bolshye Alabukhi, 05.VI–16.VI 2022, 1 ♂ (AR); Gribanovsky District, Gribanovsky, 07.V–06.VI 2022, 6 ♂, 2 ♀ (AR); Gribanovsky District, Posevkino, 16–30.VI 2022, 1 ♂, (AR); Novokhopersk District, Varvarino, 07–20.V 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Gornostaev (1997) and Panteleeva (2005).

***Leucophenga maculata* (Dufour, 1839)**

MATERIAL. Novokhopersk District, Novorzhavets, 20.V–05.VI 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in the south of Palaearctic region and south of Russia.

***Leucophenga quinquemaculata* Strobl, 1893**

MATERIAL. Gribanovsky District, Gribanovsky, 07.V–06.VI 2022, 5 ♀ (AR); Gribanovsky District, Tellermanovsky, 07–20.V 2022, 2 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia (Gornostaev, 1997).

***Phortica semivirgo* (Maca, 1977)**

MATERIAL. Gribanovsky District, Gribanovsky, 07.V–06.VI 2022, 6 ♂, 17 ♀ (AR); Gribanovsky District, Dmitrievka, 20.V–05.VI 2022, 1 ♀ (AR); Gribanovsky District, Posevkino, 16–30.VI 2022, 1 ♀ (AR); Gribanovsky District, Tellermanovsky, 07.V– 20.V 2022, 5 ♀ (AR); Novokhopersk District, Novokhopersk, 20.V–05.VI 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia; recorded from Voronezhskaya Oblast by Gornostaev (1997).

***Phortica variegata* (Fallen, 1823)**

MATERIAL. Gribanovsky District, Gribanovsky, 07–20.V 2022, 2 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia and recorded from Voronezhskaya Oblast by Panteleeva (2005).

Subfamily Drosophilinae

***Chymomyza amoena* (Loew, 1862)**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Gornostaev (1997).

***Drosophila (Drosophila) funebris* (Fabricius, 1787)**

DISTRIBUTION. Widespread in Europe and Russia and recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Drosophila (Drosophila) histrio* Meigen, 1830**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Drosophila (Drosophila) hydei* Sturtevant, 1921**

MATERIAL. Gribanovsky District, Bolshye Alabukhi, 05–16.VI 2022, 1 ♂, 1 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Gornostaev (1997).

****Drosophila (Drosophila) kuntzei* Duda, 1924**

MATERIAL. Gribanovsky District, Gribanovsky, 20.V–05.VI 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region (Bächli & Rocha Pité, 1984) and Russia (Gornostaev, 1997; Sidorenko, 2001).

***Drosophila (Drosophila) limbata* von Roser, 1840**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Drosophila (Drosophila) phalerata* Meigen, 1830**

MATERIAL. Gribanovsky District, Tellermanovsky, 07–20.V 2022, 2 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Drosophila (Sophophora) melanogaster* Meigen, 1830**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

****Drosophila (Sophophora) obscura* Fallen, 1823**

MATERIAL. Gribanovsky District, Gribanovsky, 07.V–06.VI 2022, 35 ♂, 88 ♀(AR); Gribanovsky District, Dmitrievka, 20.V–05.VI 2022, 1 ♀ (AR); Gribanovsky District, Posevkino, 05–16.VI 2022, 1 ♀ (AR); Gribanovsky District, Tellermanovsky, 07–20.V 2022, 12 ♂, 18 ♀ (AR).

DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984) and European Russia (Gornostaev, 1997).

****Drosophila (Sophophora) subobscura* Collin in Gordon, 1936**

MATERIAL. Novokhopersk District, Novorzhavets, 20.V–05.VI.2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and the south and center of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a; Gornostaev *et al*., 2023).

***Hirtodrosophila cameraria* (Haliday, 1833)**

DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984), found in the NW and center of European Russia (Gornostaev, 1997), recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptodrosophila rufifrons* (Loew, 1873)**

MATERIAL. Gribanovsky District, Gribanovsky, 07.V–06.VI .2022, 15 ♂, 7 ♀ (AR); Gribanovsky District, Tellermanovsky, 07–20.V 2022, 1 ♂, 4 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptomyza (Hemiscaptomyza) unipunctum* (Zetterstedt, 1847)**
DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptomyza (Parascaptomyza) pallida* (Zetterstedt, 1847)**
DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptomyza (Scaptomyza) consimilis* Hackman, 1955**
DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptomyza (Scaptomyza) flava* (Fallen, 1823)**
DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptomyza (Scaptomyza) graminum* (Fallen, 1823)**
DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Voronezhskaya Oblast by Panteleeva (2005).

***Scaptomyza (Scaptomyza) griseola* (Zetterstedt, 1847)**
DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984), found in the NW and center of European Russia (Gornostaev, 1997), recorded from Voronezhskaya Oblast by Panteleeva (2005).

LIST OF SPECIES OF PENZENSKAYA OBLAST

Subfamily Steganinae

****Amiota alboguttata* (Wahlberg, 1839)**
MATERIAL. Bashmakovo District, Ermakovsky, 06.V–03.VI 2022, 16 ♂, 66 ♀ (AR); Issa District, Beketovka, 03–23.VII 2022, 2 ♂ (AR); Issa District, Ivanovka, 12.VI–03.VII 2022, 1 ♂, 2 ♀ (AR); Issa District, Novoarkhangelskoye, 03.VII–23.VII 2022, 3 ♂, 1 ♀ (AR); Issa District, Verkhnyaya Salmovka, 12.VI–23.VII 2022, 12 ♂, 4 ♀ (AR).
DISTRIBUTION. Widespread in Europe and European Russia.

****Gitona distigma* Meigen, 1830**
MATERIAL. Bashmakovo District, Ermakovsky, 06.V–03.VI 2022, 1 ♂, 3 ♀ (AR); Issa District, Novoarkhangelskoye, 03–23.VII 2022, 3 ♀ (AR); Issa District, Verkhnyaya Salmovka, 03–23.VII 2022, 3 ♂, 4 ♀ (AR).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

****Phortica semivirgo* (Maca, 1977)**
MATERIAL. Bashmakovo District, Ermakovsky, 06.V–03.VI 2022, 4 ♂, 3 ♀ (AR).
DISTRIBUTION. Widespread in Europe and European Russia.

****Phortica variegata* (Fallen, 1823)**
MATERIAL. Bashmakovo District, Ermakovsky, 06–20.V 2022, 1 ♂, 4 ♀ (AR); Issa District, Ivanovka, 12–23.VI 2022, 1 ♀ (AR).
DISTRIBUTION. Widespread in Europe and European Russia.

Subfamily Drosophilinae

***Chymomyza amoena* (Loew, 1862)**

MATERIAL. Issa District, Verkhnyaya Salmovka, 12.VI–23.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) obscura* Fallen, 1823**

MATERIAL. Bashmakovo District, Ermakovsky, 06–20.V 2022, 9 ♂, 12 ♀ (AR); Issa District, Ivanovka, 12–23.VI 2022, 2 ♂ (AR); Issa District, Novoarkhangelskoye, 03–23.VII 2022, 1 ♂, 2 ♀ (AR); Issa District, Verkhnyaya Salmovka, 12.VI–23.VII 2022, 7 ♂, 2 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Drosophila (Sophophora) subobscura* Collin in Gordon, 1936**

MATERIAL. Issa District, Ivanovka, 12–23.VI 2022, 1 ♂ (AR); Issa District, Novoarkhangelskoye, 03–23.VII 2022, 1 ♂ (AR); Issa District, Verkhnyaya Salmovka, 12.VI–23.VII 2022, 5 ♂, 1 ♀ (AR).

DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984), in the south and center of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023b; Gornostaev *et al*., 2023).

***Drosophila (Sophophora) tristis* Fallen, 1823**

MATERIAL. Bashmakovo District, Ermakovsky, 06–20.V 2022, 3 ♂, 1 ♀ (AR).

DISTRIBUTION. Widespread in Europe (Bächli & Rocha Pité, 1984) and in the south of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a, b), recently found in the Republic of Mordovia (Gornostaev *et al*., 2022, 2023).

***Scaptodrosophila rufifrons* (Loew, 1873)**

MATERIAL. Bashmakovo District, Ermakovsky, 06.V–03.VI 2022, 13 ♂, 2 ♀ (AR); Issa District, Ivanovka, 23.VI–03.VII 2022, 1 ♂ (AR); Issa District, Verkhnyaya Salmovka, 03–23.VII 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

LIST OF SPECIES OF SAMARSKAYA OBLAST

Subfamily Steganinae

***Amiota alboguttata* (Wahlberg, 1839)**

MATERIAL. Syzran District, Staraya Racheyka, 04–16.VII 2022, 3 ♂, 3 ♀ (AR); Syzran District, Zhemkovka, 04–16.VII 2022, 2 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Amiota subtusradiata* Duda, 1934**

MATERIAL. Syzran District, Staraya Racheyka, 04–16.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Gitona distigma* Meigen, 1830**

MATERIAL. Syzran District, Staraya Racheyka, 04–16.VII.2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Samarskaya Oblast by Gornostaev (1997) and Vekhnik *et al*. (2007).

***Phortica semivirgo* (Maca, 1977)**

DISTRIBUTION. Widespread in Europe and European Russia, recorded from Samarskaya Oblast by Gornostaev (1997).

***Phortica variegata* (Fallen, 1823)**

MATERIAL. Syzran District, Trubetchino, 04–16.VII 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Stegana (Stegana) furta* (Linnaeus, 1767)**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

Subfamily Drosophilinae

***Drosophila (Dorsilopha) busckii* Coquillett, 1901**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Drosophila (Drosophila) funebris* (Fabricius, 1787)**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Drosophila (Drosophila) limbata* von Roser, 1840**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Drosophila (Drosophila) phalerata* Meigen, 1830**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Drosophila (Drosophila) transversa* Fallen, 1823**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Drosophila (Sophophora) melanogaster* Meigen, 1830**

DISTRIBUTION. Widespread in Palaearctic region and Russia; recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

****Drosophila (Sophophora) obscura* Fallen, 1823**

MATERIAL. Syzran District, Staraya Racheyka, 04–16.VII 2022, 5 ♀ (AR); Syzran District, Zhemkovka, 04–16.VII 2022, 1 ♂, 2 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

****Drosophila (Sophophora) subobscura* Collin in Gordon, 1936**

MATERIAL. Syzran District, Staraya Racheyka, 04–16.VII 2022, 2 ♂, 2 ♀ (AR); Syzran District, Trubetchino, 04–16.VII 2022, 1 ♂, 1 ♀ (AR); Syzran District, Zaborovka, 04–16.VII 2022, 1 ♀ (AR); Syzran District, Zhemkovka, 04–16.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and the south and center of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a; Gornostaev *et al*., 2023).

****Drosophila (Sophophora) tristis* Fallen, 1823**

MATERIAL. Syzran District, Zhemkovka, 04–16.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and the south of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a, 2023b), recently found in the Republic of Mordovia (Gornostaev *et al*., 2022, 2023).

***Hirtodrosophila trivittata* (Strobl, 1893)**

DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Lordiphosa fenestrarum* (Fallen, 1823)**

DISTRIBUTION. Widespread in Europe and European Russia, recorded from Samarskaya Oblast by Vekhnik *et al*. (2007).

***Scaptodrosophila rufifrons* (Loew, 1873)**

MATERIAL. Syzran District, Staraya Racheyka, 04–16.VII 2022, 5 ♂, 1 ♀ (AR); Syzran District, Trubetchino, 04–16.VII 2022, 2 ♂, 2 ♀ (AR); Syzran District, Zhemkovka, 04–16.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Samarskaya Oblast by Gornostaev (1997) and Vekhnik *et al*. (2007).

LIST OF SPECIES OF SARATOVSKAYA OBLAST

Subfamily Steganinae

****Amiota albilabris* (Roth in Zetterstedt, 1860)**

MATERIAL. Khvalynsk District, National Park "Khvalynsky", 19–26.V 2021, 1 ♂ (GS).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

****Amiota alboguttata* (Wahlberg, 1839)**

MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 10 ♂, 20 ♀ (AR); Arkadak District, Oktyabrskoye, 06–20.V 2022, 32 ♂, 29 ♀ (AR); Arkadak District, Podgornoye, 06.V–03.VI 2022, 20 ♂, 29 ♀ (AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 33 ♂, 22 ♀ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 30 ♂, 16 ♀ (GS).

DISTRIBUTION. Europe and European Russia.

****Amiota rufescens* (Oldenberg, 1914)**

MATERIAL. Khvalynsk District, National Park "Khvalynsky", 19–26.V 2021, 1 ♂ (GS).

DISTRIBUTION. Widespread in Europe and NW of European Russia, recently found in the Republic of Mordovia (Ruchin *et al*., 2021).

****Amiota subtusradiata* Duda, 1934**

MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 2 ♀ (AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 1 ♂ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 6 ♂, 7 ♀ (GS).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

****Gitona distigma* Meigen, 1830**

MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 2 ♀ (AR); Arkadak District, Oktyabrskoye, 06–20.V 2022, 2 ♂, 1 ♀ (AR); Arkadak District, Podgornoye, 06.V–03.VI 2022, 5 ♂, 3 ♀ (AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 5 ♂, 1 ♀ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 4 ♂, 2 ♀ (GS).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

****Phortica semivirgo* (Maca, 1977)**

MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 1 ♀ (AR); Arkadak District, Oktyabrskoye, 06–20.V 2022, 3 ♀ (AR); Arkadak District, Podgornoye, 06.V–03.VI 2022, 1 ♀

(AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 1 ♂, 2 ♀ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 6 ♂, 17 ♀ (GS).
DISTRIBUTION. Widespread in Europe and European Russia.

***Phortica variegata* (Fallen, 1823)**
MATERIAL. Khvalynsk District, National Park "Khvalynsky", 08–19.V 2021, 2 ♀ (GS).
DISTRIBUTION. Widespread in Europe and European Russia.

Subfamily Drosophilinae

***Drosophila (Drosophila) hydei* Sturtevant, 1921**
MATERIAL. Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 1 ♂, 1 ♀ (GS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) phalerata* Meigen, 1830**
MATERIAL. Khvalynsk District, National Park "Khvalynsky", 08–19.V 2021, 1 ♀ (GS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) testacea* von Roser, 1840**
MATERIAL. Khvalynsk District, National Park "Khvalynsky", 08.V–19.VI 2021, 10 ♂, 3 ♀ (GS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) transversa* Fallen, 1823**
MATERIAL. Balashov District, Bolshoy Melik, 06–20.V 2022, 1 ♂ (AR).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) melanogaster* Meigen, 1830**
MATERIAL. Khvalynsk District, National Park "Khvalynsky", 08–19.V 2021, 1 ♀ (GS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) obscura* Fallen, 1823**
MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 2 ♂, 5 ♀ (AR); Arkadak District, Oktyabrskoye, 06–20.V.2022, 1 ♀ (AR); Arkadak District, Podgornoye, 06.V–03.VI 2022, 1 ♂ (AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 3 ♀ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 32 ♂, 38 ♀ (GS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) tristis* Fallen, 1823**
MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 1 ♂, 1 ♀ (AR); Arkadak District, Oktyabrskoye, 06–20.V 2022, 2 ♂, 1 ♀ (AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 2 ♂ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 9 ♂, 9 ♀ (GS).
DISTRIBUTION. Widespread in Europe and in the south of European Russia (Gornostaev & Lyupina, 2023a, 2023b), recently found in the Republic of Mordovia (Gornostaev *et al*., 2022, 2023).

***Scaptodrosophila rufifrons* (Loew, 1873)**
MATERIAL. Arkadak District, Malinovka, 06–20.V 2022, 3 ♂, 5 ♀ (AR); Arkadak District, Oktyabrskoye, 06–20.V 2022, 1 ♀ (AR); Arkadak District, Podgornoye, 06.V–03.VI 2022, 1 ♂ (AR); Balashov District, Bolshoy Melik, 06.V–03.VI 2022, 4 ♂, 1 ♀ (AR); Khvalynsk District, National Park "Khvalynsky", 08.V–30.VI 2021, 9 ♂, 5 ♀ (GS).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

LIST OF SPECIES OF TAMBOVSKAYA OBLAST

Subfamily Steganinae

***Amiota albilabris* (Roth in Zetterstedt, 1860)**
ATERIAL. Injavino District, Bogachevka, 16–30.VI 2022, 2 ♂ (AR).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Amiota alboguttata* (Wahlberg, 1839)**
MATERIAL. Injavino District, Khoroshavka, 05–16.VI 2022, 1 ♂ (AR).
DISTRIBUTION. Widespread in Europe and European Russia.

***Gitona distigma* Meigen, 1830**
MATERIAL. Uvarovo District, Alatorka, 05–16.VI 2022, 1 ♂, 1 ♀ (AR); Uvarovo District, Perevoz, 05–16.VI 2022, 1 ♂, 2 ♀ (AR).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Phortica variegata* (Fallen, 1823)**
MATERIAL. Muchkapsky District, Muchkapsky, 05–16.VI 2022, 1 ♀ (AR).
DISTRIBUTION. Widespread in Europe and European Russia.

Subfamily Drosophilinae

***Drosophila (Drosophila) funebris* (Fabricius, 1787)**
MATERIAL. Muchkapsky District, Muchkapsky, 05–16.VI 2022, 1 ♀ (AR).
DISTRIBUTION. Widespread in Europe and Russia.

***Drosophila (Drosophila) phalerata* Meigen, 1830**
MATERIAL. Muchkapsky District, Muchkapsky, 05–16.VI 2022, 2 ♀ (AR).
DISTRIBUTION. Widespread in Europe and Russia.

***Drosophila (Drosophila) transversa* Fallen, 1823**
MATERIAL. Muchkapsky District, Muchkapsky, 05–16.VI 2022, 2 ♂ (AR).
DISTRIBUTION. Widespread in Europe and Russia.

***Drosophila (Sophophora) melanogaster* Meigen, 1830**
MATERIAL. Muchkapsky District, Muchkapsky, 05–16.VI 2022, 1 ♂, 1 ♀ (AR).
DISTRIBUTION. Widespread in Europe and Russia.

***Drosophila (Sophophora) obscura* Fallen, 1823**
MATERIAL. Morshansk District, Molodezhny, 26.VII–10.VIII 2022, 2 ♂, 1 ♀ (AR); Muchkapsky District, Muchkapsky, 05.VI–16.VI 2022, 3 ♀ (AR).
DISTRIBUTION. Widespread in Europe and European Russia.

***Drosophila (Sophophora) subobscura* Collin in Gordon, 1936**
MATERIAL. Morshansk District, Molodezhny, 26.VII–10.VIII 2022, 1 ♂, 1 ♀ (AR); Muchkapsky District, Muchkapsky, 05.VI–16.VI 2022, 1 ♂, 2 ♀ (AR).
DISTRIBUTION. Widespread in Europe including the south and center of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023a; Gornostaev *et al*., 2023).

***Scaptodrosophila rufifrons* (Loew, 1873)**
MATERIAL. Injavino District, Injavino, 16–30.VI 2022, 1 ♂ (AR); Injavino District, Krasivka, 05–16.VI 2022, 1 ♂ (AR); Morshansk District, Molodezhny, 26.VII–10.VIII 2022, 2 ♂ (AR).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

LIST OF SPECIES OF ULYANOVSKAYA OBLAST

Subfamily Steganinae

***Amiota alboguttata* (Wahlberg, 1839)**

MATERIAL. Barysh District, Popova Melnitsa, 16–29.VII 2022, 1 ♂ (AR); Inza District, Charzinka, 29.VII–12.VIII 2022, 2 ♂, 2 ♀ (AR); Inza District, Konoplyanka, 29.VII–12.VIII 2022, 3 ♂ (AR); Staraya Kulatka District, Novaya Yandovka, 16.V–7.VI 2022, 3 ♂ (AR); Staraya Kulatka District, Srednaya Tereshka, 16.V–7.VI 2022, 21 ♂, 35 ♀ (AR); Staraya Kulatka District, Staraya Yandovka, 16.V–7.VI 2022, 2 ♂, 5 ♀ (AR); Kuzovatovo District, Koromyslovka, 16–29.VII 2022, 9 ♂ (AR); Kuzovatovo District, Privolye, 4–16.VII 2022, 1♂ (AR); Kuzovatovo District, Studenets, 4–16.VII 2022, 2 ♀ (AR); Kuzovatovo District, Uvarovka, 16–29.VII 2022, 2 ♂, 4 ♀ (AR); Nikolaevka District, Krutets, 16.V–7.VI 2022, 4♂, 2 ♀ (AR); Nikolaevka District, Teplovka, 16.V–7.VI 2022, 1 ♂, 2 ♀ (AR); Novospasskoye District, Monastyrsky Sungur, 07–20.VI 2022, 5 ♂ (AR); Radishchevo District, Sofino, 07–20.VI 2022, 1 ♀ (AR); Radishchevo District, Srednikovo, 07–20.VI 2022, 3 ♂, 1 ♀ (AR); Veshkayma District, Veshkayma, 16–29.VII 2022, 10 ♂ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Amiota subtusradiata* Duda, 1934**

MATERIAL. Nikolaevka District, Teplovka, 16.V–7.VI 2022, 1 ♂ (AR); Veshkayma District, Veshkayma, 16–29.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Gitona distigma* Meigen, 1830**

MATERIAL. Staraya Kulatka District, Novaya Yandovka, 16.V–7.VI 2022, 1 ♂, 1 ♀ (AR); Staraya Kulatka District, Srednaya Tereshka, 16.V–7.VI 2022, 1 ♂, 1 ♀ (AR); Staraya Kulatka District, Staraya Yandovka, 16.V–7.VI 2022, 1 ♂, 2 ♀ (AR); Kursun District, Novoe Pogorelovo, 29.VII–12.VIII 2022, 2 ♀ (AR); Nikolaevka District, Krutets, 16.V–7.VI 2022, 1 ♂ (AR); Nikolaevka District, Teplovka, 16.V–7.VI 2022, 4 ♀ (AR); Radishchevo District, Oktyabrsky, 07–20.VI 2022, 2 ♂ (AR); Radishchevo District, Srednikovo, 07–20.VI 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Leucophenga maculata* (Dufour, 1839)**

MATERIAL. Inza District, 6 km of Yulovo, 29.VII–12.VIII 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in the south of Palaearctic region and Russia.

***Leucophenga quinquemaculata* Strobl, 1893**

MATERIAL. Inza District, Konoplyanka, 29.VII–12.VIII 2022, 1 ♂ (AR); Inza District, 6 km of Yulovo, 29.VII–12.VIII 2022, 1 ♂, 1 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Phortica semivirgo* (Maca, 1977)**

MATERIAL. Staraya Kulatka District, Srednaya Tereshka, 16.V–7.VI 2022, 1 ♂, 1 ♀ (AR); Kuzovatovo District, Koromyslovka, 16–29.VII 2022, 1 ♂ (AR); Nikolaevka District, Krutets, 16.V–7.VI 2022, 1 ♂ (AR); Novospasskoye District, Monastyrsky Sungur, 07–20.VI 2022, 1 ♂ (AR); Novospasskoye District, Troitskiy Sungur, 07–20.VI 2022, 1 ♂ (AR); Veshkayma District, Veshkayma, 16–29.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

Subfamily Drosophilinae

***Drosophila (Drosophila) funebris* (Fabricius, 1787)**

MATERIAL. Staraya Kulatka District, Srednaya Tereshka, 16.V–7.VI 2022, 2 ♀ (AR); Radishchevo District, Sofino, 07–20.VI 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) testacea* von Roser, 1840**

MATERIAL. Barysh District, Popova Melnitsa, 16–29.VII 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) transversa* Fallen, 1823**

MATERIAL. Inza District, 1.5 km SW Argush, 1–5.IX 2020, 1 ♂, 1 ♀ (AR); Kursun District, Novoe Pogorelovo, 29.VII–12.VIII 2022, 1 ♀ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) obscura* Fallen, 1823**

MATERIAL. Barysh District, Popova Melnitsa, 16–29.VII 2022, 1 ♂, 3 ♀ (AR); Inza District, Konoplyanka, 29.VII–12.VIII 2022, 1 ♀ (AR); Radishchevo District, Oktyabrsky, 07–20.VI 2022, 1 ♂ (AR); Sengiley District, National Park "Sengileevskie Gory", 10–16.VII 2022, 2 ♂, 3 ♀ (AN); Veshkayma District, Veshkayma, 16–29.VII 2022, 7 ♂, 3 ♀ (AR).

DISTRIBUTION. Widespread in Europe and European Russia.

***Drosophila (Sophophora) subobscura* Collin in Gordon, 1936**

MATERIAL. Radishchevo District, Sofino, 07–20.VI 2022, 1 ♂ (AR); Sengiley District, National Park "Sengileevskie Gory", 10–16.VII 2022, 1 ♂, 1 ♀ (AN); Veshkayma District, Veshkayma, 16–29.VII 2022, 2 ♂, 1 ♀ (AR); Veshkayma District, Kargino, 16–29.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Europe and the south and center of European Russia (Gornostaev, 1997; Gornostaev & Lyupina, 2023b; Gornostaev *et al*., 2023).

***Scaptodrosophila rufifrons* (Loew, 1873)**

MATERIAL. Barysh District, Popova Melnitsa, 16–29.VII 2022, 7 ♂, 5 ♀ (AR); Kuzovatovo District, Koromyslovka, 16–29.VII 2022, 2 ♂ (AR); Novospasskoye District, Troitskiy Sungur, 07–20.VI 2022, 1 ♂ (AR); Veshkayma District, Veshkayma, 16–29.VII 2022, 1 ♂ (AR); Veshkayma District, Kargino, 16–29.VII 2022, 1 ♂ (AR).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Scaptomyza (Parascaptomyza) pallida* (Zetterstedt, 1847)**

MATERIAL. Inza District, Pyatina, 1–5.IX 2020, 1 ♂, 4 ♀ (AR); Inza District, Valgussy 1–5.IX 2020, 2 ♂, 1 ♀ (AR); Sengiley District, National Park "Sengileevskie Gory", 10–16.VII 2022, 2 ♂, 1 ♀ (AN).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

LIST OF SPECIES OF THE REPUBLIC OF TATARSTAN

Subfamily Steganinae

***Gitona distigma* Meigen, 1830**

MATERIAL. Yelabuga District, Yelabuga District, National Park "Nizhnyaya Kama", 30.IV– 10.VI 2021, 9 ♂, 5 ♀, 2.IX-12.X 2021, 6 ♂, 6 ♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Leucophenga maculata* (Dufour, 1839)**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–11.V 2021, 1 ♀, (YL).

DISTRIBUTION. Widespread in the south of Palaearctic region (Bächli & Rocha Pité, 1984) and in the south of Russia (Gornostaev, 1997; Sidorenko, 2001). This species is relatively rare in the center of European Russia. It was recorded earlier from the Republic of Tatarstan (Khalidov, 1984), Republic of Mordovia (Ruchin *et al*., 2021; Gornostaev *et al*., 2024b) and from Moscow City (Gornostaev *et al*., 2024a).

****Leucophenga quinquemaculata* Strobl, 1893**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–20.V 2021, 1 ♂, 6 ♀ (YL).

DISTRIBUTION. Widespread in Europe) and European Russia.

****Phortica semivirgo* (Maca, 1977)**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–20.V 2021, 4♂, 4 ♀, 02–15.IX 2021, 1 ♂ (YL).

DISTRIBUTION. Widespread in Europe and European Russia.

Subfamily Drosophilinae

****Chymomyza caudatula* Oldenberg, 1914**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–11.V 2021, 2 ♂, 3 ♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

****Chymomyza costata* (Zetterstedt, 1838)**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 11.V–20.V 2021, 1♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Dorsilopha) busckii* Coquillett, 1901**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 20.V–1.VI 2021, 1 ♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

***Drosophila (Drosophila) funebris* (Fabricius, 1787)**

DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

***Drosophila (Drosophila) histrio* Meigen, 1830**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 11.V–01.VI 2021, 1 ♂, 1 ♀, 15.IX–12.X 2021, 1 ♂, 1 ♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

****Drosophila (Drosophila) immigrans* Sturtevant, 1921**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 15.IX–12.X 2021, 1 ♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) kuntzei* Duda, 1924**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–1.VI 2021, 3 ♂, 4 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Drosophila) limbata* von Roser, 1840**
DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

***Drosophila (Drosophila) phalerata* Meigen, 1830**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 11.V–1.VI 2021, 4 ♂, 2 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

***Drosophila (Drosophila) testacea* von Roser, 1840**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–10.VI 2021, 11 ♂, 18 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

***Drosophila (Drosophila) transversa* Fallen, 1823**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–11.V 2021, 6 ♂, 4 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia, recorded from Tatarstan by Khalidov (1984).

***Drosophila (Sophophora) melanogaster* Meigen, 1830**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 2.IX–12.X 2021, 2 ♂, 10 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Drosophila (Sophophora) obscura* Fallen, 1823**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–10.VI 2021, 56 ♂, 122 ♀, 2.IX–12.X 2021, 30 ♂, 72 ♀ (YL).
DISTRIBUTION. Widespread in Europe and European Russia.

***Hirtodrosophila confusa* (Staeger, 1844)**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 11.V–20.V 2021, 1 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Hirtodrosophila oldenbergi* (Duda, 1924)**
DISTRIBUTION. Widespread Palaearctic region and European Russia, recorded from Tatarstan (Khalidov, 1984).

***Hirtodrosophila toyohiokadai* (Sidorenko,1990)**
MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 11.V–20.V 2021, 1 ♀ (YL).
DISTRIBUTION. Widespread in Palaearctic region and Russia.

***Hirtodrosophila trivittata* (Strobl, 1893)**

DISTRIBUTION. Widespread in Europe and European Russia, recorded from Tatarstan (Khalidov, 1984).

***Lordiphosa fenestrarum* (Fallen, 1823)**

DISTRIBUTION. Widespread in Europe and European Russia, recorded from Tatarstan by Khalidov (1984).

****Scaptodrosophila rufifrons* (Loew, 1873)**

MATERIAL. Yelabuga District, National Park "Nizhnyaya Kama", 30.IV–10.VI 2021, 9 ♂, 8 ♀, 2–15.IX 2021, 20 ♂, 12 ♀ (YL).

DISTRIBUTION. Widespread in Palaearctic region (Bächli & Rocha Pité, 1984) and Russia (Gornostaev, 1997; Sidorenko, 2001).

DISCUSSION

The fauna of drosopihilid flies in many regions of the European part of Russia is still unknown or poorly studied. Here we studied Drosophilidae from eight Russian regions. The fauna of Astrakhanskaya Oblast consists of 12 species in 5 genera, Voronezhskaya Oblast – 26 species in 9 genera, Penzenskaya Oblast – 9 species in 6 genera, Samarskaya Oblast – 18 species in 8 genera, Saratovskaya Oblast – 15 species in 5 genera, Tambovskaya Oblast – 11 species in 5 genera, Ulyanovskaya Oblast – 13 species in 7 genera, and the Republic of Tatarstan – 22 species in 8 genera. Most of species are recorded from each region for the first time.

The highest number of species of Drosophilidae (44) was recorded in the Republic of Mordovia, where their study was conducted over several years. The second place is occupied by Voronezhskaya Oblast (26 species), the third place – by the Republic of Tatarstan (22 species), and the fourth place – by Samarskaya Oblast (18 species), where preliminary studies of the Drosophilidae fauna were also conducted (Khalidov, 1984; Panteleeva, 2005; Vekhnik *et al*., 2007). In the other five regions, the number of drosophilid species found ranged from 9 to 15.

Totally, 1909 specimens of Drosophilidae from these regions were examined. The most abundant species in the collections was *Drosophila obscura* Fallen (586 specimens), which corresponds to our data on the fauna of the Republic of Mordovia and Moscow, where this species also dominates in terms of abundance (Gornostaev *et al*., 2023; Gornostaev *et al*., 2024a). The fauna of the southernmost region, the Astrakhanskaya Oblast, studied in our work, differs from that of the central regions of European Russia. Here, the highest number of specimens of *Leucophenga maculata* and *Phortica variegata* was collected, while *Leucophenga quinquemaculata* and *Phortica semivirgo*, which are found in more northern latitudes, were completely absent. Thus, in this work, we were able to significantly expand and clarify the data on the fauna and distribution of Drosophilidae in European Russia.

ACKNOWLEDGEMENTS

The work of NGG was conducted under the IDB RAS Government basic research program in 2025 No. 0088-2024-0011. The manuscript was prepared partly due to the financing of the Russian Science Foundation (grant number 22-14-00026-П).

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