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NEW DATA ON THE DISTRIBUTION OF PREDATORY DOLICHOPODIDAE (DIPTERA) IN THE NORTH-WESTERN CAUCASUS

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New data on the distribution of Dolichopodidae (Diptera) in the Russian NW Caucasus is presented, including 89 species, 16 of which are new for the NW Caucasus, 14 for all Caucasus and five species are new for Russia. The fauna of the Territory has reached 207 species.

Introduction

The fauna of long-legged flies of the NW Caucasus is one of the best studied in Russia. However, the Caucasian Nature Reserve (CNR in the following list) was only studied more or less completely (Negrobov et al., 2005). The other districts of this territory were visited by many collectors, but without regular collecting. Recently a checklist of Dolichopodidae (Diptera) of Krasnodar Territory and Adygea has been published (Grichanov et al., 2006) with 183 included species. Several species have been added to the fauna recently by other authors: *Diaphorus pilitibius* Negrobov et Maslova (2005); *Sciapus flavicinctus* (Loew, 1857) (Shamshev, 1990); *Chrysotus alpicola* Strobl, 1893 (Maslova, 2006); *Argyra loewi* Kowarz, 1879 (Selivanova, 2006); *Hercostomus assimilis* (Staeger, 1842) and *H. nigrilamellatus* (Macquart, 1827) (Negrobov & Rodionova, 2004).

This paper presents the new data on the distribution of 89 species of Dolichopodidae in the NW Caucasus and provides additional information in the form of notes on the global distribution for each species (after Negrobov, 1991 and Yang et al., 2006, mainly). Sixteen species are new for

the NW Caucasus, of which 14 for all Caucasus and five species for Russia. *Neurigona abdominalis* (Fallén) is excluded here from the fauna of the Caucasus. The following species are new for the NW Caucasian region: *Argyra diaphana* (Fabricius, 1775), *Chrysotus collini* Parent, 1923, *Dolichopus agilis* Meigen, 1824, *D. calinotus* Loew, 1871, *D. clavipes* Haliday, 1832, *D. diadema* Haliday, 1832, *Hydrophorus pectinatus* Gerstäcker, 1864, *Medetera flavipes* Meigen, 1824, *M. tenuicauda* Loew, 1857, *Micromorphus shamshevi* Negrobov, 2000, *Syntormon filiger* Verrall, 1912, *Tachytrechus ripicola* Loew, 1857, *Thinophilus ruficornis* (Haliday, 1838), *Thrypticus bellus* Loew, 1869, *T. smaragdinus* Gerstäcker, 1864, *T. virescens* Negrobov, 1967. That means that the fauna of the region has reached 207 species.

Below new material collected from the NW Caucasus including the whole area of the Krasnodar Territory, Adygea and the South of Rostov Region is listed. The material of newly recorded species is deposited in the following collections:

KUBGU - Kuban' State University, Krasnodar;
VIZR - All-Russian Institute of Plant Protection, St.Petersburg.

New records of Dolichopodidae (Diptera)

Argyra Macqart, 1834

1. *Argyra argentina* (Meigen, 1824) [*Porphyrops*]

=*Porphyrops argentina* Meigen, 1824: Syst. Besch. 4: 47

Material: 1♂, Krasnodar Terr., Apsheronskii

distr., biostation Kamyshanova Polyana, 19.VII.2006, on grass (Volfov). 1♂, Adygea, Maikopskii distr., bank r. Bol'shoi Sakhrai, 8.VIII.2006 (Volfov) [KUBGU].

Distribution. All Europe; Iran, Morocco; Caucasus: Karachai-Cherkessia, Georgia; NW Caucasus: CNR, Gelendzhik.

2. *Argyra argyria* (Meigen, 1824) [*Porphyrops*]

=*Porphyrops argyria* Meigen, 1824: Syst. Besch. 4: 46

Material: 6♂, 6♀, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov); Krasnodar env., VNIIBZR, river Kuban', 11, 17 & 28.VI.2000 (Grichanov); Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., Severskii distr., env. vill. Mirnyi, r. Bezeps, 25.V.2006 (Kustov) [KUBGU].

Distribution. All Europe; Morocco, Canary Is; NW Caucasus: CNR, Krasnodar, Arkhipo-Osipovka, Ubinskaya, Goryachii Klyuch.

3. *Argyra diaphana* (Fabricius, 1775) [*Musca*] (Macquart, 1834: Hist. nat. Dipt. 1: 456)

=*Musca diaphana* Fabricius, 1775: Syst. Ent. 1775: 783

Material: 1♂, Krasnodar Terr., Severskii distr., env. vill. Stavropol'skaya, 30.IV.2006 (Gladun) [KUBGU].

Distribution. Europe, Iran. New for the Caucasus.

4. *Argyra submontana* Negrobov & Selivanova, 2006: in Selivanova & Negrobov, Byul. MOIP 111(6): 52 [validation of *Argyra submontana* Negrobov & Selivanova, 2005]

=*Argyra submontana* Negrobov & Selivanova, 2005: Byul. MOIP 110(3): 70 [unavailable name; ICZN 2000: 16.4.2]

Material: 1♂, Krasnodar Terr., Severskii distr., Verkhneafipskoe game-preserve, 22.VI.2006 (Kustov) [KUBGU].

Distribution. NW Caucasus: CNR (Kurdzhips, Maikop env.).

Asyndetus Loew, 1869

5. *Asyndetus latifrons* (Loew, 1857) [*Diaphorus*] (Loew, 1869: Besch. etract Dipt. 1: 298)

=*Diaphorus latifrons* Loew, 1857: Progr. Realsch. Meseritz 1857: 46

Material: 1♂, Krasnodar Terr., Gelendzhik, env. vill. Betta, stream r. Betta, on stones, 11.VII.2006 (Volfov, Talashinskii) [KUBGU].

Distribution. Europe except North, S Ural; Orient; NW Caucasus: CNR, Arkhipo-Osipovka.

Campsicnemus Haliday, 1851

6. *Campsicnemus curvipes* (Fallén, 1823) [*Dolichopus*] (Haliday, 1851: in

Walker, Stainton & Wilkinson, Ins. brit. 1(1): 189)

=*Dolichopus curvipes* Fallén, 1823: Monogr. Dolich. Svec. [=Dipt. Svec. 2]: 20

Material: 1♂, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov); 1♂, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov); 1♀, Krasnodar Terr., Shepeleva, 44°19'N, 38°37'E, 5.VIII.2001 (Grichanov) [VIZR]; Krasnodar Terr.: 3♂, Apsheronskii distr., env. biostation Kamyshanova Polyana, 10-11.VI.2006 (Kustov); 1♀, Gelendzhik, env. vill. Betta, r. Betta, 7.VII.2006 (Gladun) [KUBGU].

Distribution. Whole Europe, N Africa, Canary Is., Madeira; Caucasus: Karachai-Cherkessia, Daghestan, Abkhazia, Armenia, Azerbaijan; NW Caucasus: CNR, Krasnodar, Gelendzhik, Arkhipo-Osipovka, Dzhubga, Shepeleva.

7. *Campsicnemus filipes* Loew, 1859: Progr. Realsch. Meseritz 1859: 12

Material: 5♂, 4♀, Rostov Region, Azov. distr., Port-Katon, 9,11,26.VI.1996 (Grichanov) [VIZR].

Distribution. Austria, France, Bulgaria, Hungary, Slovakia, North Aegean, Romania, Russia: Voronezh Region, Ukraine, Iraq.

Remark. Original material published belongs to the Voronezh Region only. However, the species was probably in error mentioned for the N Caucasus (Negrobov & Stackelberg, 1969). So, here is the first reliable record of *C. filipes* for the Caucasus.

8. *Campsicnemus lumbatus* Loew, 1857: Programm K. Realschule zu Meseritz, 1857: 28.

Material: 1♂, 1♀, Rostov Region, Azov. distr., Port-Katon, 8.VI.1996 (Grichanov) [VIZR].

Distribution. Europe, S Ural; NW Caucasus: CNR.

9. *Campsicnemus magius* (Loew, 1845) [*Medeterus*] (Loew, 1857: Progr. Realsch. Meseritz 1857: 26)

=*Medetera magius* Loew, 1845: Ent. Ztg. (Stettin) 6: 392 [*Medeterus*]

Material: 2♂, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 30.VI.2001 (Grichanov); 1♂, Rostov Region, Azov. distr., Port-Katon, 25.VI.1996 (Grichanov); 1♂, Rostov Region, Azov. distr., Port-Katon, 11.V.1997 (Grichanov); 5♂, 2♀, Rostov Region, Sal'skii distr., Gigant, 19.5. & 4,8.VI.1998 (Babich) [VIZR].

Distribution. C & S Europe, Israel, Tajikistan, Turkmenistan, ?Saint Helena; NW Caucasus: CNR, Kuchugury.

10. *Campsicnemus simplicissimus* Strobl, 1906: Mem. Soc. esp. Hist. nat. 3 (5a, 6a): 323

Material: 15♂, Krasnodar env., VNIIBZR, river Kuban', 04 & 17.VI.2000 (Grichanov); 1♂, Arkhipo-Osipovka, 13.VII.1992 (Grichanov) [VIZR]; 1♂, 3♀, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., Shepeleva, 44°19'N, 38°37'E, 5.VIII.2001 (Grichanov) [VIZR]; 3♂, 3♀, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]; 2♂, Rostov Region, Azov. distr., Port-Katon, 12.26.VI.1996 (Grichanov) [VIZR]; 1♂, Rostov Region, Sal'skii distr., Gigant, 19.V.1998 (Babich) [VIZR].

Distribution. France, Switzerland, Hungary, Greece, Spain, Italy, Bulgaria, Rostov Region; Caucasus: Abkhazia; NW Caucasus: Krasnodar, Elizavetinskaya, Arkhipo-Osipovka, Dzhubga, Shepeleva.

11. *Campsicnemus umbripennis* Loew, 1856: Programm K. Realschule zu Meseritz, 1856: 46

Material: 1♂, Krasnodar Terr., Apsheronskii distr., env. biostation Kamyshanova Polyana, 10-11.VI.2006; 1♂, Lago-Naki, 20.VII.2006 (Kustov) [KUBGU]; 2♀, Krasnodar Terr., Adler, r.Mzymta, 27.X.2006 (Vikhrev) [VIZR].

Distribution. Europe except north, Turkmenistan, Tajikistan, Afghanistan; Caucasus: Karachai-Cherkessia, Abkhazia, Armenia; NW Caucasus: CNR, Gelendzhik.

12. *Campsicnemus varipes* Loew, 1859: Programm K. Realschule zu Meseritz, 1859: 13

Material: 1♂, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov); 1♂, Krasnodar Terr., Adler, r. Mzymta, 21.X.2006 (N. Vikhrev) [VIZR].

Distribution. S Europe, Rostov Region, Tadzhikistan, Kyrgyzstan; NW Caucasus: Kamennomostskii, Bzyga and Solokh-Aul at Sochi, river Kurdzhips at Maikop, Gelendzhik, CNR (Guzeripl').

***Chrysotimus* Loew, 1857**

Remark. Yang et al. (2006) have placed the genus *Guzeriplitia* Negrobov, 1968 in synonymy to *Chrysotimus*, not studying the Caucasian species. In this paper we consider *Guzeriplitia* as a subgenus of *Chrysotimus* (stat.nov.).

13. *Chrysotimus (Guzeriplitia) chlorinus* (Negrobov, 1968) [*Guzeriplitia*] (Yang, Zhu, Wang & Zhang, 2006: World catalog of Dolichopodidae: 15 [*chlorina*])

=*Guzeriplitia chlorina* Negrobov, 1968: Zool. Zhurn. 47(3) [1967]: 471

Material: 1♂, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov) [VIZR].

Distribution. Georgia; S Russia: Adygea, Alania, Karachai-Cherkessia, Krasnodar & Stavropol' Terr.

***Chrysotus* Meigen, 1824**

14. *Chrysotus angulicornis* Kowarz, 1874: Verh. zool.-bot. Ges. Wien 24 (Abh.): 474

Material: 3♂, 1♀, Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., Matsesta, 28.VI.1975 (Tselikov) [VIZR].

Distribution. Europe; NW Caucasus: Goryachii Klyuch, Matsesta.

Remark. The material given was mentioned earlier (Grichanov et al., 2006) as *Chrysotus gramineus* (Fallén, 1823).

15. *Chrysotus cilipes* Meigen, 1824: Syst. Besch. 4: 41

Material: 2♂, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov); 1♂, Rostov Region, Azov, 14.VI.1996 (Grichanov); 1♀, Rostov Region, Azov. distr., Port-Katon, 26.VI.1994 (Grichanov) [VIZR].

Distribution. Europe, Tomsk Region, Altai, Baikal, Primorskii Terr., Mongolia, China; Caucasus: Abkhazia; NW Caucasus: CNR, Krasnodar.

16. *Chrysotus collini* Parent, 1923: Ann. Soc. sci. Bruxelles 42 (Mem.): 304

Material: 3♂, 1♀, Krasnodar Terr., Krasnodar, r.Kuban', VNIIBZR, 11.VI.2000 (Grichanov); 3♂, 2♀, Rostov Region, env. vill. Novomargaritovka, 12.VI.1996 (Grichanov) [VIZR].

Distribution. Armenia, Azerbaijan, Georgia, Ukraine; W Europe, Turkmenistan. New for Russia.

17. *Chrysotus laesus* (Wiedemann, 1817) [*Dolichopus*] (Meigen, 1824: Syst. Besch. 4: 43)

=*Dolichopus laesus* Wiedemann, 1817: Zool. Mag. (Wied.) 1(1): 75

Material: 1♂, 1♀, Adygea, Maikopskii distr., env. vill. Prichtovskii, 25°C (Frolova) [KUBGU].

Distribution. Whole Europe, Mid-Ural, N Kazakhstan, Irkutsk and Magadan Regions, Krasnoyarsk and Primorskii Terr., China; NW Caucasus: CNR.

18. *Chrysotus suavis* Loew, 1857: Progr. Realsch. Meseritz 1857: 49

Material: 1♀, Krasnodar Terr., Gelendzhik distr., Betta, 16.VII.2001 (Kustov) [VIZR]; 2♂, Rostov Region, Azov. distr., Port-Katon, 3.26.VI.1996 (Grichanov); 1♂, Rostov Region, Azov, r.Don branch, 14.VI.1996 (Grichanov); 1♂, Rostov Region, env. vill. Novomargaritovka, 12.VI.1996 (Grichanov) [VIZR].

Distribution. Europe, Canary Is, Egypt, Middle Asia, Mongolia; Caucasus: Armenia; NW Caucasus: CNR, Gelendzhik, Arkhipo-Osipovka, Betta.

***Diaphorus* Meigen, 1824**

19. *Diaphorus disjunctus* Loew, 1857: Progr. Realsch. Meseritz 1857: 46

Material: 2♂, Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov) [VIZR, in alcohol].

Distribution. C and S Europe; NW Caucasus: CNR, Arkhipo-Osipovka, Goryachii Klyuch, Ubinskaya.

20. *Diaphorus pilitibius* Negrobov et Maslova, 2005: Vestn. zool., 39 (6): 77.

Material: 1♂, 2♀, Gelendzhik, env. vill. Betta, stream r. Betta, on stones, 10.VII.2006 (Volfov) [KUBGU].

Distribution. NW Caucasus: CNR.

Remark. Female was not known.

***Dolichopus* Latreille, 1796**

21. *Dolichopus agilis* Meigen, 1824: Syst. Besch. 4: 97

Material: 1♂, Rostov Region, Azov. distr., Port-Katon, 26.VI.1996 (Grichanov) [VIZR].

Distribution. Transpalearctic species. New for the Caucasus.

22. *Dolichopus arbustorum* Stannius, 1831: Isis (Oken) 1831: 125

Material: 12♀, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR].

Distribution. Europe; Caucasus: Abkhazia; NW Caucasus: CNR, Elizavetinskaya.

23. *Dolichopus brevipennis* Meigen, 1824: Syst. Besch. 4: 89

Material: 1♂, Krasnodar Terr., Lago-Naki, 2100 m above s.l., Kamennoe More, 27.VII.2000 (Kustov) [VIZR].

Distribution. Europe, N Kazakhstan, Siberia; Nearctic; NW Caucasus: CNR, Lago-Naki.

24. *Dolichopus calinotus* Loew, 1871: Besch. etract Dipt. 2: 264

Material: 2♂1♀, Rostov Region, Azov. distr., Port-Katon, 3.26.VI.1996 (Grichanov) [VIZR].

Distribution. Europe, N Kazakhstan, Kyrgyzstan. New for Russia.

25. *Dolichopus cilifemoratus* Macquart, 1827 [F 1826]: Rec. Trav. Soc. Sci. Agr. Arts Lille 1826/1827: 275, and Ins. Dipt. Nord France 3: 63 // syn. of *Dolichopus trivialis* Haliday, 1832 (Parent, 1926: Ann. Soc. sci. Bruxelles 46 (C.r.): 207-208); but Collin, 1940: Ent. monthly Mag. 76 [= ser.4, vol.1]: 262

=*Dolichopus pseudocilifemoratus* Stackelberg, 1930 [F 1933]: in Lindner, Flieg. palaearkt. Reg. 4(5): 20 (in key) (descr.: ibid., 1933: 84) (unnecessary nom. nov. for *Dolichopus cilifemoratus* Zetterstedt, 1843, nec Macquart, 1827, nec Stannius, 1831, nec Staeger, 1842) (Collin, 1940: Ent. monthly Mag. 76 [= ser.4, vol.1]: 262)

Material: 1♂, Adygea, Maikopskii distr., env. vill. Abadzekhsкая, 18-23°C (Kolesnikova) [KUBGU].

Distribution. Europe, N Kazakhstan, Altai, Primorskii Terr., Sakhalin; Caucasus: Georgia, Armenia; NW Caucasus: CNR, Krasnodar.

26. *Dolichopus claviger* Stannius, 1831: Isis (Oken) 1831: 56

Material: 1♂, Krasnodar Terr., Kamyshanova Polyana, 30.VI.2000 (Kustov) [VIZR]. env. biostation Kamyshanova Polyana: 1♂, 19.VII.2006, on grass (Volfov, Gladun) [KUBGU].

Distribution. Whole Europe, Tomsk Region, Altai, Krasnoyarsk Terr.; Caucasus: Karachai-Cherkessia; NW Caucasus: CNR, Kamyshanova Polyana.

27. *Dolichopus clavipes* Haliday, 1832 [F 1831]: Zool. J. (Lond.) [1830-1831] 5: 365

Material: 1♂, Krasnodar Terr., Apsheronskii distr., env. biostation Kamyshanova Polyana, 14.V.2005 (Kustov) [KUBGU].

Distribution. Europe, Buryatia, Irkutsk Region, Krasnoyarsk Terr., Yakutia, Uzbekistan, Kazakhstan, Tajikistan, Mongolia, China. New for the Caucasus.

28. *Dolichopus diadema* Haliday, 1832 [F 1831]: Zool. J. (Lond.) [1830-1831] 5: 361 (in subg. *Macrodolichopus*)

Material: 2♂, 2♀, Rostov Region, env. vill. Novomargaritovka, 12.18.VI.1996 (Grichanov) [VIZR].

Distribution. S Russia; Europe; Israel; Turkey, Kazakhstan, China. New for the Caucasus.

29. *Dolichopus griseipennis* Stannius, 1831: Isis (Oken) 1831: 49

Material: 2♀, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov); 6♂, 2♀, Krasnodar env., VNIIBZR, river Kuban', 11 & 28.VI.2000 (Grichanov) [VIZR]; 10♂♀, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]. 2♂, 1♀, Krasnodar, Botanical garden KubGU, 30.VI.2004 (Kustov); 1♀, same (Milyukhina); Adygea, Maikopskii distr.: 1♂, env. vill. Kamennomostskii, 27-28°C, 27.VI.2005 (Shaposhnikov); 1♂, env. tourist centre «Romantika», 20.VI.2006 (Karmalina, Kornik); 3♀, Krasnodar Terr., Severskii distr., Verkhneafipskoe game-preserve, 22.VI.2006 (Kustov) [KUBGU].

Distribution. Europe, Morocco, Algeria, Tunisia, Turkey, Israel, Middle Asia; Caucasus: Georgia, Armenia; NW Caucasus: CNR, Krasnodar, Elizavetinskaya, Ubinskaya.

30. *Dolichopus latilimbatus* Macquart, 1827: Ins. Dipt. Nord France 3: 65

Material: 10♂, 4♀, Krasnodar Terr., Shepeleva, 44°19'N, 38°37'E, 5 & 12.VIII.2001 (Grichanov) [VIZR]; 2♂, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]. 1♂, Rostov Region, Azov. distr., Port-Katon, 26.VI.1996 (Grichanov) [VIZR]; Krasnodar Terr.: 1♀, Bol'shoi Sochi, Adler, Botanical garden «Yuzhnye kul'tury», 11.VII.2004, (Volfov); 1♂, Severskii distr., env. vill. Mirnyi, r. Bezeps, 25.V.2006 (Kustov); 1♂, Krasnodar, Botanical garden KubGU, 26.V.2006 (Kustov); 1♂, Gelendzhik, env. vill. Betta, stream r. Betta, 6.VII.2006 (Gladun) [KUBGU].

Distribution. Europe, Ural, Kazakhstan, Uzbekistan, Mongolia; Caucasus: Abkhazia, Karachai-Cherkessia, Azerbaijan; NW Caucasus: CNR, Gelendzhik, Shepeleva, Elizavetinskaya.

31. *Dolichopus nubilus* Meigen, 1824: Syst. Besch. 4: 96

Material: 2♂, Krasnodar, Botanic garden, 25.IV.2000 (Kustov) [VIZR]; 3♂ Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov); 1♂, Krasnodar Terr., Shepeleva, 44°19'N,

38°37'E, 12.VIII.2001 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., Yuzhnaya Ozereyevka, 44°40'N, 37°37'E, 15.VI.2001 (Ovsyannikova) [VIZR]; 1♂, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]; 2♂, 1♀, Rostov Region, env. vill. Novomargaritovka, 2,12.VI.1996 (Grichanov) [VIZR]; 1♂, Krasnodar, Botanical garden KubGU, 26.V.2006 (Kustov) [KUBGU].

Distribution. Whole Europe, Uzbekistan, Tadjikistan, Kazakhstan, China; Caucasus: Armenia; NW Caucasus: Afips, Krasnodar, Elizavetinskaya, Shepeleva, Yuzhnaya Ozereyevka.

32. *Dolichopus pennatus* Meigen, 1824: Syst. Besch. 4: 90

Material: 1♀, Krasnodar Terr., Taman' peninsula, Vyshesteblievskaya, 23.VI.2000 (Kustov) [VIZR].

Distribution. Whole Europe, Altai, Yakutia, Amur Region, Khabarovsk and Primorskii Terr., Kuril Is., Sakhalin, Mongolia; Caucasus: Karachai-Cherkessia, Georgia; NW Caucasus: CNR, Vyshesteblievskaya.

33. *Dolichopus plumipes* (Scopoli, 1763) [Musca]

=*Musca plumipes* Scopoli, 1763: Ent. carnol.: 334

Material: 1♂, Krasnodar Terr., Lago-Naki, 2100 m above s.l., Kamennoe More, 27.VII.2000 (Kustov) [VIZR]; Rostov Region: 4♀, env. vill. Novomargaritovka, 12.VI.1996 (Grichanov) [VIZR]; 2♀, Rostov Region, Azov. distr., Port-Katon, 26.VI.1996 (Grichanov) [VIZR]; 1♂, Adygea, Maikopskii distr., mnt.ridge Kamennoe More, 2100 m, 21.VII.1999 (Kustov); 24♂, 14♀, Krasnodar Terr., Sochi, Sochi Nat. Park, mnt.ridge Achishkho, 1780 m, in grass at lake, 1-5.VIII.2005 (Volfov); 1♂, same (Kustov); 4♂, mnt.ridge Achishkho, tract Kruglaya polyana, at spring, 1300 m, 5.VIII.2005 (Volfov) [KUBGU].

Distribution. Palaearctic, Nearctic (from Alaska and Greenland to Mexico), Neotropical (Mexico) and Oriental (China) Regions; Caucasus: Georgia; Karachai-Cherkessia; NW Caucasus: CNR, Lago-Naki.

34. *Dolichopus signifer* Haliday, 1832 [F 1831, 1838]: Zool. J. (London) 5: 362

Material: 3♂, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov) [VIZR]. 4♂, Rostov Region, Azov. distr., Port-Katon, 11.VII.1994, 3,14.VI.1996 (Grichanov); 1♂, Krasnodar Terr., Anapa, 21.V.2005 (Gladun) [KUBGU].

Distribution. Europe, Uzbekistan, Tajikistan, Turkmenistan, Morocco, Azores; Caucasus: Georgia, Armenia; NW Caucasus: CNR, Krasnodar.

35. *Dolichopus trivialis* Haliday, 1832 [F 1831]: Zool. J. (London) [1830-1831] 5: 363

=*Dolichopus cilifemoratus* Parent, 1926: Ann. Soc. sci. Bruxelles 46 (C.r.): 207 (and also auctt. after Parent, misident., nec Macquart, 1827; nec Stannius, 1831; nec Staeger, 1842)

Material: 1♂, Krasnodar Terr., Goryachii Klyuch, Dolina Ocharovaniya, 12.V.2000 (Kustov) [VIZR]; 1♀, Krasnodar env., VNIIBZR, river Kuban', 28.VI.2000 (Grichanov) [VIZR].

Distribution. Central and N Europe, Spain; NW Caucasus: CNR, Goryachii Klyuch.

36. *Dolichopus wahlbergi* Zetterstedt, 1843: Dipt. Scand. 2: 546

Material: 1♂, Krasnodar Terr., Severskii distr., Verkhneafipskoe game-preserve, 22.VI.2006 (Kustov) [KUBGU].

Distribution. Europe; NW Caucasus: CNR.

Gymnopternus Loew, 1857

37. *Gymnopternus aerosus* (Fallén, 1823) (Loew, 1857: Progr. Realsch. Meseritz 1857: 21)

=*Dolichopus aerosus* Fallén, 1823: Monogr. Dolich. Svec. (Dipt. Svec. 2): 15

=*Hercostomus aerosus* (Fallén, 1823) [*Dolichopus*] (Becker, 1909: Wien. ent. Ztg. 28(9/10): 324 [*aerosus*]) (in subg. *Gymnopternus*)

Material: 1♂, CNR, mnt. Aishkha, 1700-2200 m, 7-8.VIII.2004; 11♂♀, Krasnodar Terr., Sochi, Sochi Nat. Park, mnt.ridge Achishkho, tract Kruglaya polyana, at spring, 1300 m, 5.VIII.2005 (Volfov) [KUBGU].

Distribution. Transpalearctic species; Caucasus: Karachai-Cherkessia, Abkhazia; NW Caucasus: CNR, Sochi Natural National Park.

38. *Gymnopternus celer* (Meigen, 1824) (Loew, 1857: Progr. Realsch. Meseritz 1857: 21)

=*Dolichopus celer* Meigen, 1824: Syst. Besch. 4: 84

=*Hercostomus celer* (Meigen, 1824) [*Dolichopus*] (Lundbeck, 1912: Dipt. danica 4: 185) (in subg. *Gymnopternus*)

Material: 1♂, Krasnodar Terr., Sochi, Sochi Nat. Park, mnt.ridge Achishkho, tract Kruglaya polyana, at spring, 1300 m, 5.VIII.2005 (Volfov) [KUBGU].

Distribution. whole Europe, Ural, Altai,

Buryatia; Kazakhstan; NW Caucasus: CNR.

Hercostomus Loew, 1857

39. *Hercostomus caucasicus* Stackelberg, 1933: in Lindner, Flieg. palaearkt. Reg. 4(5): 123 (in key) (descr.: 1934: 133)

Material: 15♂, 10♀, CNR, mnt. Aishkha, 7-8.VIII.2004, 1700-2200 m (Volfov); 6♂, Lago-Naki, 8.IX.2005 (Kustov); 6♂, Adygea, Maikopskii distr., Lago-Naki, 20.VII.2006 (Kustov); 8♂, border Mostovskii distr. Krasnodar Terr. and Maikopskii distr. Adygea, mnt. Bol'shoi Tkhach, path crotch to Bol'shoi and Malyi Tkhach, at spring, on grass, 6.VIII.2006 (Volfov) [KUBGU].

Distribution. Kyrgyzstan; Caucasus: Karachai-Cherkessia, Stavropol' Terr., Abkhazia, Armenia, Georgia; NW Caucasus: Amgata, CNR (Aishkha).

40. *Hercostomus caudatus* (Loew, 1859) [*Gymnopternus*] (Bezzi, 1898: Bull. Soc. ent. ital. 30: 46)

=*Gymnopternus caudatus* Loew, 1859: Progr. Realsch. Meseritz 1859: 7

Material: 1♂, 1♀, Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov) [VIZR].

Distribution. France, Austria, Germany, Czechia and Slovakia, Romania, Poland, Hungary, Italy; NW Caucasus: Adygea (Kamennomostskii, Kurdzhips river at Maikop).

41. *Hercostomus chetifer* (Walker, 1849) [*Porphyrus*]

=*Porphyrus chetifera* Walker, 1849: List Dipt. brit. Mus. 3: 653 // emend. *cretifer* Walker, 1856: xii; rest. Becker, 1917: N. Acta Acad. leop. Halle 102: 212

Material: 1♂, 1♀, Krasnodar Terr., Shepeleva, 44°19'N, 38°37'E, 5.VIII.2001 (Grichanov); 1♂, Krasnodar Terr., Sochi, mnt.Akhun, 22.X.2006 (Vikhrev) [VIZR].

Distribution. Europe, Algeria; Nearctic and Oriental Regions; Caucasus: Georgia; NW Caucasus: Adygea (Maikop distr., Khamyshki, Kamennomostskii); Krasnodar Terr. (Krasnaya Polyana, Solokhaul, Gelendzhik, Arkhipo-Osipovka, Shepeleva); CNR (Guzeripl', Chernorech'e, Umpyr', Pslukh, Babuk-Aul, Andreva balka, Veselaya balka).

42. *Hercostomus convergens* (Loew, 1857) [*Gymnopternus*]

=*Gymnopternus convergens* Loew, 1857: Progr. Realsch. Meseritz 1857: 17

Material: 1♂, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov) [VIZR].

Distribution. Europe; Caucasus: Azerbaijan; NW Caucasus: CNR, Dzhubga.

43. *Hercostomus fugax* (Loew, 1857) [*Gymnopternus*]

=*Gymnopternus fugax* Loew, 1857: Progr. Realsch. Meseritz 1857: 20

Material. Krasnodar Terr.: 10♂, 20♀, CNR, mnt. Aishkha, 7-8.VIII.2004, 1700-2200 m; 1♂, Sochi, Sochi Nat. Park, mnt.ridge Achishkho, 1780 m, in grass at lake, 1-5.VIII.2005 (Volfov); 1♂, same (Kustov); 2♂, Adygea, Maikopskii distr., Laganaki, 20.VII.2006 (Kustov); border Mostovskii distr. Krasnodar Terr. and Maikopskii distr. Adygea: 7♂, mnt. Bol'shoi Tkhach, alpine and subalpine (to 2368.4 m), on grass, 5.VIII.2006; 17♂, Maikopskii distr. Adygea, mnt. Malyi Tkhach, subalpine, at top (to 2237.9 m), on grass, 6.VIII.2006; mnt. Bol'shoi Tkhach: 1♂, path crotch to Bol'shoi and Malyi Tkhach, at spring, on grass, 6.VIII.2006; 2♂, forest at station Vetrenyi, 7.VIII.2006 (Volfov) [KUBGU].

Distribution. Europe, N Ural, Irkutsk Region, Buryatia, Tajikistan, Kazakhstan; Caucasus: Georgia, Azerbaijan, Karachai-Cherkessia; NW Caucasus: CNR (Aishkha).

44. *Hercostomus fuscipennis* (Meigen, 1824) [*Dolichopus*]

=*Dolichopus fuscipennis* Meigen, 1824: Syst. Besch. 4: 96

Material. 2♂, 3♀, Rostov Region, Azov. distr., Port-Katon, 3,6,13.VI.1996 (Grichanov) [VIZR].

Distribution. S Europe, N Kazakhstan, Khabarovsk Terr; NW Caucasus: Shcherbinovskii Distr., Timashevskii Distr.

45. *Hercostomus germanus* (Wiedemann, 1817) [*Dolichopus*]

=*Dolichopus germanus* Wiedemann, 1817: Zool. Mag. (Wied.) 1(1): 71

=*Hercostomus chaerophylli* (Meigen, 1824) [*Dolichopus*] (Mik, 1880: Verh. zool.-bot. Ges. Wien 30 (Abh.): 593) (Parent, 1925: Enc. ent. (B II) Dipt. 2: 53, 57; Chandler, 1998: Checklists of Insects of the British Isles (N.Ser.), P. 1: Diptera: 91)

=*Dolichopus chaerophylli* Meigen, 1824: Syst. Besch. 4: 95

Material. 1♂, 4♀, CNR, mnt. Aishkha, 1800-2200 m, 7-8.VIII.2004 (Volfov) [KUBGU].

Distribution. Europe, Ural, Morocco; Caucasus: Karachai-Cherkessia, Daghestan, Armenia, Georgia; NW Caucasus: CNR.

46. *Hercostomus nigriplantis* (Stannius,

1831) [*Dolichopus*]

=*Dolichopus nigriplantis* Stannius, 1831: Isis (Oken) 1831: 250

Material. 5♂, 5♀, Krasnodar env., 44°59'N, 39°02'E, 26.VI.2001 (Grichanov) [VIZR].

Distribution. Europe, Buryatia; Caucasus: Armenia, Georgia; NW Caucasus: CNR, Krasnodar.

47. *Hercostomus sahlbergi* (Zetterstedt, 1838) [*Dolichopus*]

=*Dolichopus sahlbergi* Zetterstedt, 1838: Ins. lappon: 711

Material. 1♂, Adygea, Maikopskii distr., tract Laganaki, 20.VII.2006 (Kustov); 1♀, border Mostovskii distr. Krasnodar Terr. and Maikopskii distr. Adygea, mnt. Bol'shoi Tkhach, alpine and subalpine (to 2368.4 m), on grass, 5.VIII.2006 (Volfov, Kustov, Gladun); 2♀, Maikopskii distr. Adygea, mnt. Malyi Tkhach, subalpine, at top (to 2237.9 m), on grass, 6.VIII.2006 (Volfov, Gladun); 3♂, 6♀, Maikopskii distr. Adygea, mnt. Bol'shoi Tkhach, forest at station Vetrenyi, 6.VIII.2006; 1♂, 4♀, same, 7.VIII.2006 (Volfov) [KUBGU].

Distribution. Whole Europe, S Ural; Caucasus: Georgia; NW Caucasus: CNR; Kamyschanova Polyana.

48. *Hercostomus varicoloris* Becker, 1917: Nova Acta Acad. Caesar. Leop. Carol., 102(2): 238

Material. 2♂, Sochi, Sochi Nat. Park: mnt.ridge Achishkho, 700 m, 31.VII.2005; mnt.ridge Achishkho, tract Kruglaya polyana, at spring, 1300 m, 5.VIII.2005 (Volfov); 4♂, Severskii distr., Verkhneafipskoe game-preserve, 22.VI.2006 (Kustov); 24♂, Apsheronskii distr., biostation Kamyschanova Polyana & env., on grass, damp ground, 19.VII.2006 (Volfov, Gladun) [KUBGU].

Distribution. Caucasus: Karachai-Cherkessia, Abkhazia, Georgia, Armenia; NW Caucasus: CNR (Aishkha), Maikop, Psebai, Krasnaya Polyana, Khosta.

49. *Hercostomus vivax* (Loew, 1857) [*Gymnopternus*]

=*Gymnopternus vivax* Loew, 1857: Programm K. Realschule zu Meseritz, 1857: 19

Material. 1♂, Krasnodar Terr., Sochi, Sochi Nat. Park, mnt.ridge Achishkho, 1780 m, 1-5.VIII.2005 (Volfov) [KUBGU].

Distribution. Europe, Ural, Altai, Yakutia; Caucasus: Georgia, Karachai-Cherkessia; NW Caucasus: Sochi: Achishkho.

Remark. Re-examination of a male collected

from Kamyschanova Polyana (Grichanov et al., 2006) has shown that it belongs to *Sybistroma transcaucasica* (Stackelberg).

Hydrophorus Fallén, 1823

50. *Hydrophorus balticus* (Meigen, 1824) [*Medeterus*] (Zetterstedt, 1849: Dipt. Scand. 8: 3050)

=*Medetera baltica* Meigen, 1824: Syst. Besch. 4: 66 [*Medeterus*]

Material. 1♂, 1♀, Rostov Region, Azov. distr., Port-Katon, 17.V.1994 (Grichanov); 1♂, 1♀, Rostov Region, Sal'skii distr., Gigant, 4.VI.1998 (Babich); 1♂, 1♀, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov) [VIZR]; Krasnodar Terr.: 12♂♀, 12-14.VI.2004; Apsheronskii distr., biostation Kamyschanova Polyana, 10-11.VI.2006 (Kustov); 2♂, Gelendzhik, env. vill. Betta, r. Betta, 7.VII.2006 (Volfov); 9♂♀, Lagonaki, 20.VII.2006 (Kustov); 20♂♀, border Mostovskii distr. Krasnodar Terr. and Maikopskii distr. Adygea, mnt. Bol'shoi Tkhach, path crotch to mnt. Bol'shoi Tkhach and mnt. Malyi Tkhach, at spring, on grass, 6.VIII.2006; 3♂♀, Adygea, Maikopskii distr., mnt. Bol'shoi Tkhach, forest at station Vetrenyi, 6,7.VIII.2006 (Volfov) [KUBGU].

Distribution. Transpaleartic species; ?South Africa, ?Saint Helena; Caucasus: Karachai-Cherkessia, Georgia; NW Caucasus: CNR, Gelendzhik, Arkhipo-Osipovka, Krasnodar.

51. *Hydrophorus pectinatus* Gerstäcker, 1864: Ent. Ztg. (Stettin) 25: 41

Material. 1♂, Rostov Region, Azov. distr., Port-Katon, 11.VI.1996 (Grichanov) [VIZR].

Distribution. Sweden, Finland, Poland, Russia: Karelia, Leningrad & Pskov Regions, Nenetsia, N Ural; Mongolia. New for the Caucasus.

52. *Hydrophorus praecox* (Lehmann, 1822) [*Dolichopus*] (Haliday, 1851: in Walker, Stainton & Wilkinson, Ins. brit. 1: 186)

=*Dolichopus praecox* Lehmann, 1822: Index Schol. Hamburg. Gymn. acad. 1822/1823: 42

Material. 2♀, Krasnodar env., VNIIBZR, river Kuban', 28.VI.2000 (Grichanov); 1♂, 2♀, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 30.VI.2001 (Grichanov); 1♂, Sochi region, m. Akhun, 25.III.2006 (N.Vikhrev) [VIZR]; 1♂, Krasnodar Terr., Sochi, r.Agura, 43°32'82"N, 39°48'64"E, 29.3.2006 (Ozerov) [VIZR]; 4♂, 1♀, Rostov Region, Azov. distr., Port-Katon, 17.V.1994 (Grichanov); 1♂, 1♀, Rostov Region, Azov. distr., Port-Katon, 25.IV.1995 (Grichanov); 4♂, 1♀, Rostov Region, Azov. distr.,

Port-Katon, 6.VI.1996 (Grichanov); 1♂, 1♀, Rostov Region, Azov. distr., Port-Katon, 26.VI.1996 (Grichanov); 1♀, Rostov Region, Azov. distr., Port-Katon, 26.VII.1996 (Grichanov); 8♂♀, Rostov Region, Sal'skii distr., Gigant, 2.VI.1998 (Babich) [VIZR]; 5♂♀, Krasnodar Terr., Gelendzhik, env. vill. Betta, puddles at road, 11.VII.2006 (Volfov, Talashinskii) [KUBGU].

Distribution. Whole Europe; Palaearctic, Afro-tropical, Oriental Regions, Australia, Oceania, New Zealand; Caucasus: Abkhazia, Georgia; NW Caucasus: CNR, Krasnodar, Sochi.

Medetera Fischer von Waldheim, 1819

53. *Medetera diadema* (Linnaeus, 1767) [*Musca*] (Haliday, in: Walker, Stainton & Wilkinson, 1851: Ins. brit. 1(1): 138)

=*Musca diadema* Linnaeus, 1767: Syst. Nat. (Ed.12) 1(2): 982

Material. 7♂, 1♀, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 01.VII.2001 (Grichanov); 1♀, Rostov Region, Azov. distr., Port-Katon, 11.VII.1994 (Grichanov) [VIZR].

Distribution. Europe, N Kazakhstan, Orenburg Region, Altai, Turkey, Israel, Egypt, Tunisia, Algeria; Washington, California, New Hampshire, Massachusetts, Connecticut, New Jersey, Rhode Island; Caucasus: Abkhazia; NW Caucasus: CNR.

54. *Medetera flavipes* Meigen, 1824: Syst. Besch. 4: 61 [*Medeterus*]

Material. 1♂, 1♀, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 01.VII.2001 (Grichanov) [VIZR].

Distribution. S Europe, Turkey, Algeria. New for Russia.

55. *Medetera jacula* (Fallén, 1823) [*Hydrophorus*] (Meigen, 1824: Syst. Besch. 4: 66 [*Medeterus*])

=*Hydrophorus jaculus* Fallén, 1823: Dipt. Svec. 2 (=Monogr. Dolichop. Svec.): 5

=*Medetera meridionalis* Negrobov, 1967: Ent. Obozr. 46(4): 903 (Grichanov, 2002: Ent. Tidskr. 123(3): 120)

Material. 3♂, 2♀, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 01.VII.2001 (Grichanov); 1♂, Rostov Region, Azov. distr., Port-Katon, 11.VII.1994 (Grichanov); 4♂, 2♀, Rostov Region, Azov. distr., Port-Katon, 6,8.VI.1996 (Grichanov) [VIZR].

Distribution. Whole Europe, Tunisia, Urals, N Kazakhstan, Altai, Buryatia; Caucasus: Georgia, Armenia, Azerbaijan; NW Caucasus:

CNR, Anapa, Gelendzhik, Korenovsk, Maikop.

56. *Medetera mixta* Negrobov, 1967: Dokl. Akad. Nauk. Armyan. SSR 14(4): 189

Material: 2♀, Krasnodar Terr., Krasnodar, r.Kuban', VNIIBZR, 11.VI.2000 (Grichanov); 6♂, 1♀, Rostov Region, Azov. distr., Port-Katon, 16,17,28.VI.1996 (Grichanov) [VIZR].

Distribution. France, Germany, Bulgaria, Romania, Czechia and Slovakia, Ukraine, Moldova, Lipetsk, Voronezh Regions, Bashkiria, Tajikistan, Kyrgyzstan, S Kazakhstan, Mongolia; NW Caucasus: Dinskoi Distr.

57. *Medetera pallipes* (Zetterstedt, 1843) [*Hydrophorus*]

=*Hydrophorus pallipes* Zetterstedt, 1843: Dipt. Scand. 2: 453

Material: 3♂, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 01.VII.2001 (Grichanov) [VIZR].

Distribution. Europe; NW Caucasus: Kuchugury.

58. *Medetera tenuicauda* Loew, 1857: Progr. Realsch. Meseritz 1857: 53 [*Medeterus*]

Material: 7♂, 2♀, Rostov Region, Azov. distr., Port-Katon, 10.VI.1996 (Grichanov) [VIZR].

Distribution. Europe. New for the Caucasus.

59. *Medetera truncorum* Meigen, 1824: Syst. Besch. 4: 67 [*Medeterus*]

Material: 1♂, Krasnodar Terr., Adler, r.Mzymta, 19.X.2006 (Vikhrev); 1♂, 3♀, Krasnodar Terr., Adler, park, 29.X.2006 (Vikhrev) [VIZR].

Distribution. Europe, Algeria, Israel, Azores; British Columbia, Wyoming, Oregon; NW Caucasus: CNR, Gelendzhik, Arkhipo-Osipovka.

Micromorphus Mik, 1878

60. *Micromorphus shamshevi* Negrobov, 2000: Int. J. dipterol. Research 11(1): 25

Material: 4♂, 6♀, Rostov Region, env. vill. Novomargaritovka, 12.VI.1996 (Grichanov) [VIZR].

Distribution. Ukraine. New for Russia.

Neurigona Rondani, 1856

61. *Neurigona subcilipes* Negrobov & Fursov, 1988: Entomol. obozr. 67(2): 409

Material: Krasnodar Terr.: 1♂, Apsheronskii distr., env. biostation Kamyshanova Polyana, 12-14.VI.2004; 1♂, Severskii distr., stream r.

Afips, 7 km S vill. Krepostnaya, 3.V.2004; 1♂, Lago-Naki, 20.VII.2006 (Kustov) [KUBGU].

Distribution. NW Caucasus: CNR (Tegenya, Kisha, Fisht Mnt., Lago-Naki, Tybga Mnt., Guzeripl', 22 km NE Krasnaya Polyana).

Remark. A male collected from Severskii distr. (Grichanov et al., 2006) was mentioned earlier as *Neurigona abdominalis* (Fallén).

Poecilobothrus Mik, 1878

62. *Poecilobothrus comitalis* (Kowarz, 1867) [*Gymnopternus*] (Mik, 1883: Wien. ent. Ztg. 2: 105)

=*Gymnopternus comitalis* Kowarz, 1867: Verh. zool.-bot. Ges. Wien 17 (Abh.): 320

=*Hercostomus comitalis* (Kowarz, 1867) [*Gymnopternus*] (Negrobov, 1991: Catal. Dipt. palaeart. Reg. 7: 93 [in subg. *Poecilobothrus*])

Material: 1♂, Krasnodar Terr., Gelendzhik, env. vill. Betta, stream r. Betta, 6.VII.2006 (Gladun); 1♂, same (Volfov); 4♂, same (Drozdova) [KUBGU].

Distribution. Europe, Turkey, Kazakhstan, Tajikistan, Kyrgyzstan; NW Caucasus: CNR.

63. *Poecilobothrus regalis* (Meigen, 1824) [*Dolichopus*]

=*Dolichopus regalis* Meigen, 1824: Syst. Besch. 4: 75

=*Hercostomus regalis* (Meigen, 1824) [*Dolichopus*] (Negrobov, 1991: Catal. Palaeart. Dipt. 7: 94 [in subg. *Poecilobothrus*])

Material: 3♂, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov); 1♂, 2♀, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 30.VI.2001 (Grichanov); 1♂, Krasnodar Terr., Shcherbinovskii distr., Molchanovka, 18.VI.1999 (Kustov) [VIZR]; 1♂, Rostov Region, Azov, r.Don branch, 14.VI.1996 (Grichanov); 13♂, 1♀, Rostov Region, Sal'skii distr., Gigant, 4.8.VI.1998 (Babich) [VIZR]; 4♂, 4♀, Rostov Region, Azov. distr., Port-Katon, 21.VI.1994 (Grichanov); 1♂, Rostov Region, Azov. distr., Port-Katon, 3.VI.1996 (Grichanov); 1♀, Rostov Region, Azov. distr., Port-Katon, winter wheat, 16.VI.1996 (Grichanov) [VIZR]; 6♂, Gelendzhik, env. vill. Betta, stream r. Betta, 6.VII.2006 (Drozdova) [KUBGU]; 2♂, 2♀, same (Gladun); 1♀, same, left bank r. Betta, 7.VII.2006 (Gladun) [KUBGU]; 1♂, Apsheronskii distr., env. biostation Kamyshanova Polyana, 19.VII.2006 (Volfov, Gladun) [KUBGU].

Distribution. C & S Europe, Uzbekistan, Turkey, Iran; Caucasus: Georgia; NW Cauca-

sus: CNR, Vyselkovskii Distr., Bryukhovetskii Distr., Severskii Distr., Timashevskii Distr., Shcherbinovskii Distr., Otradnenskii Distr., Korenovskii Distr., Belorechenskii Distr., Arkhipo-Osipovka, Krasnodar.

Rhaphium Meigen, 1803

64. *Rhaphium antennatum* (Carlier, 1835) [*Anglearia*] (Loew, 1850: Ent. Ztg. (Stettin) 11: 112)

=*Anglearia antennata* Carlier, 1835: Ann. Soc. ent. France 4: 659

Material: 9♂, Krasnodar env., VNIIBZR, river Kuban', 04 & 17.VI.2000 (Grichanov) [VIZR].

Distribution. Europe; NW Caucasus: Krasnodar.

65. *Rhaphium appendiculatum* Zetterstedt, 1849: Dipt. Scand. 8: 3058 // syn. of *Rhaphium macrocerum* Meigen, 1824 (Parent, 1925: Enc. ent. (B II) Dipt. 2: 41-42); rest. Collin, 1940: Ent. monthly Mag. 76 [= 4(1)]: 266-267

=*Rhaphium anale* (Becker, 1918) [*Xiphandrium*]

=*Xiphandrium anale* Becker, 1918: N. Acta Acad. leop., Halle 103: 237 (Negrobov, 1979: in Lindner, Flieg. palaeart. Reg. 4(5): 510 [syn. of *Rhaphium macrocerum* Meigen, 1824 =*Rhaphium appendiculatum* Zetterstedt, 1849]) =*Rhaphium macrocerum* (Parent, 1925) [*Xiphandrium*] (misident., nec Meigen, 1824, nec Zetterstedt, 1843)

=*Xiphandrium macrocerum* Parent, 1925: Enc. ent., Ser.B, II, Dipt. 2: 42 (nec Meigen, 1824, nec Zetterstedt, 1843) (Collin, 1940: Ent. monthly Mag. 76 (= ser.4, vol.1): 266-267)

Material: 1♂, Krasnodar Terr., Gelendzhik distr., Betta, 16.VII.2001 (Kustov) [VIZR]; 1♂, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]; 1♂, Krasnodar Terr., Adler, r.Mzymta, on grass, 27.X.2006 (Vikhrev) [VIZR].

Distribution. Europe, Ural, Middle Asia, Iran, Afghanistan, Algeria, Morocco, St. Helena; Caucasus: Abkhazia, Georgia; NW Caucasus: CNR, Gelendzhik, Arkhipo-Osipovka, Betta, Elizavetinskaya.

66. *Rhaphium caliginosum* Meigen, 1824: Syst. Besch. 4: 29

=*Rhaphium zetterstedti* (Parent, 1925) [*Xiphandrium*]

=*Xiphandrium zetterstedti* Parent, 1925: Enc. ent., Ser.B, II, Dipt. 2: 42 (unnecessary new name for *Rhaphium caliginosum* Zetterstedt, 1843 nec Meigen, 1824 [misident.])

Material: 1♂, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov); 2♂, 1♀, Krasnodar env., VNIIBZR, river Kuban', 4 & 17.VI.2000 (Grichanov); 1♀, Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov) [VIZR]; 1♂, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]. 1♂, Rostov Region, Azov. distr., Port-Katon, 11.V.1997 (Grichanov) [VIZR].

Distribution. Europe, Mid-Urals, Baikal, Primorskii Terr., Syria, Israel, Algeria, Morocco; Caucasus: Karachai-Cherkessia; NW Caucasus: CNR, Krasnodar, Ubinskaya, Goryachii Klyuch, Elizavetinskaya.

67. *Rhaphium commune* (Meigen, 1824) [*Porphyrus*] (Haliday, 1951: in Walker, Stainton & Wilkinson, Ins. brit. 1(1): 202)

=*Porphyrus communis* Meigen, 1824: Syst. Besch. 4: 52

Material: 1♂, 2♀, Krasnodar env., 44°59'N, 39°02'E, 29.VI.2001 (Grichanov); 1♀, Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov) [VIZR]; 1♀, Severskii distr., stream r. Afips, 7 km S vill. Krepostnaya, 3.V.2004 (Kustov); 1♂, Goryachii Klyuch, Dolina Ocharovaniya, 9.V.2004 (Kustov); 4♂, Severskii distr., env. vill. Stavropol'skaya, 27.IV.2005; 1♂, 6♀, same, 11.V.2005 (Kustov); 5♂, same, 30.IV.2006 (Gladun) [KUBGU].

Distribution. Europe, Yakutia, Khabarovsk Terr., Kamchatka, N America; NW Caucasus: CNR, Krasnodar, Goryachii Klyuch, Arkhipo-Osipovka, Afips.

68. *Rhaphium fascipes* (Meigen, 1824) [*Porphyrus*] (Zetterstedt, 1838: Ins. lappon. 1838: 704)

=*Porphyrus fascipes* Meigen, 1824: Syst. Besch. 4: 54

Material: 1♂, 2♀, Rostov Region, Rostov, bank r.Don, 12.V.1997 (Grichanov); 4♂, 7♀, Rostov Region, Azov. distr., Port-Katon, 10,11.V.1997 (Grichanov) [VIZR].

Distribution. Europe, Baikal, Krasnoyarsk Terr., Turkey, N Africa; Alaska, Alberta, Kansas, Michigan, Indiana, Ontario, Quebec, New York; NW Caucasus: Arkhipo-Osipovka.

69. *Rhaphium micans* (Meigen, 1824) [*Porphyrus*] (Loew, 1850: Ent. Ztg. (Stet-

tin) 11: 112)

=*Porphyrrops micans* Meigen, 1824: Syst. Besch. 4: 51

Material: 1♀, Rostov Region, Rostov, bank r.Don, 12.V.1997 (Grichanov) [VIZR].

Distribution. Europe, Tadjikistan, China, Primorskii Terr.; Caucasus: Karachai-Cherkessia, Abkhazia; NW Caucasus: CNR.

Scellus Loew, 1857

70. *Scellus notatus* (Fabricius, 1781) [*Musca*]

=*Musca notata* Fabricius, 1781: Spec. Ins. 2: 448

Material: 1♀, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov) [VIZR].

Distribution. Europe, NW Siberia; NW Caucasus.

Sciapus Zeller, 1842

71. *Sciapus longulus* (Fallén, 1823) [*Leptopus*] (Bezzi, 1903: Katal. paläarkt.Dipt. 2: 291)

=*Leptopus longulus* Fallén, 1823: Dipt. Svec. 2 (Monogr. Dolichopod. Svec.): 24

Material: 2♂, 2♀, Krasnodar env., VNIIBZR, river Kuban', 11.VI.2000 (Grichanov); 2♂, 2♀, Rostov Region, Azov. distr., Port-Katon, winter wheat, 4-6.VI.1996 (Grichanov) [VIZR].

Distribution. Europe; NW Caucasus: Krasnodar, Dinskoi Distr., Bryukhovetskii Distr., Shcherbinovskii Distr., Timashevskii Distr.

Sybistroma Meigen, 1824

72. *Sybistroma obscurella* (Fallén, 1823) [*Dolichopus*]

=*Dolichopus obscurellus* Fallén, 1823: Dipt. Svec. 2 (Monogr. Dolichopod. Svec.): 13

Material: 2♂, CNR, mnt. Aishkha, 1700-2200 m, 7-8.VIII.2004 (Volfov) [KUBGU].

Distribution. Europe; Caucasus: Abkhazia, Georgia; NW Caucasus: Adygea (Maikop), Krasnaya Polyana, CNR (Guzeripl', Umpyr', Babuk-Aul, Andreeva balka).

73. *Sybistroma transcaucasica* (Stackelberg, 1941) [*Ludovicicus*] (Brooks, 2005: Zootaxa 857: 114 [*transcausicus*])

=*Ludovicicus transcausicus* Stackelberg, 1941: in Lindner, Flieg. palaearkt. Reg. 4 (5): 200

Material: Krasnodar Terr.: 1♂, Apsheronskii distr., biostation Kamyshanova Polyana, 12-14.VI.2004; Severskii distr.: 1♂, env. vill. Mirnyi,

r. Bezeps, 25.V.2006; 1♂, Verkhneafipskoe game-preserve, 22.VI.2006 (Kustov) [KUBGU].

Distribution. Caucasus: Abkhazia; NW Caucasus: Goryachii Klyuch (Krasnodar Terr.), Khamyshki and Guzeripl (southern Adygea).

Remark. A male collected from Kamyshanova Polyana was mentioned earlier (Grichanov et al., 2006) as *Hercostomus vivax* (Loew).

Sympycnus Loew, 1857

74. *Sympycnus cirripes* (Haliday, 1851) [*Porphyrrops*] (Loew, 1857: Progr. Realsch. Meseritz 1857: 43 [as *cirrhipes*])

=*Porphyrrops cirripes* Haliday, 1851: in Walker, Stainton & Wilkinson, Ins. brit. 1(1): 214

Material: 1♀, CNR, mnt. Aishkha, 1700-2200 m, 7-8.VIII.2004 (Volfov); 1♀, Krasnodar Terr., Sochi, mnt.ridge Achishkho, 1-5.VIII.2005 (Kustov) [KUBGU].

Distribution. Europe, ?Anterior Asia; NW Caucasus: CNR (Guzeripl', Berezovyi, Aishkha Pass).

75. *Sympycnus simplicipes* Becker, 1908 [F 1918]: Mitt. zool. Mus. Berlin 4: 46

Material: 5♀, Krasnodar Terr., Sochi, mnt.Akhun, 22,24,28.X.2006 (Vikhrev); 1♀, Krasnodar Terr., Adler, r.Mzymta, 27.X.2006 (Vikhrev) [VIZR].

Distribution. Canary Is., Spain, Italy, Israel; Caucasus: Abkhazia; NW Caucasus: Krasnaya Polyana, Khosta, Sochi, Dzhubga, Gelendzhik, Kurdzhips river at Maikop.

Syntormon Loew, 1857

76. *Syntormon filiger* Verrall, 1912: Ent. monthly Mag. 48 [= ser.2, vol.23]: 58 (nom.nov. for *Rhaphium rufipes* Zetterstedt, 1838, nec Meigen, 1824)

Material: 1♂, Rostov Region, Azov. distr., Port-Katon, 28.IV.1994 (Grichanov) [VIZR].

Distribution. Ukraine (Crimea); Europe. New for Russia.

77. *Syntormon pallipes* (Fabricius, 1794) [*Musca*] (Schiner, 1862: Faun. austr. 1: 192)

=*Musca pallipes* Fabricius, 1794: Ent. syst. 4: 340

=*Syntormon pseudospicatus* Strobl, 1899: Wien. ent. Ztg. 18: 126

Material: 1♂, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov); 1♂, Krasnodar env., VNIIBZR, river Kuban', 17.VI.2000

(Grichanov); 1♂, Krasnodar Terr., Yuzhnaya Ozereyevka, 44°40'N, 37°37'E, 15.VI.2001 (Ovsyannikova) [VIZR]; 10♂♀, Krasnodar Terr., Elizavetinskaya, 45°02'N, 38°54'E, 10.VIII.2001 (Grichanov) [VIZR, in alcohol]; 1♂, 2♀, Rostov Region, Azov. distr., Port-Katon, 10-11.V.1997 (Grichanov); 1♂, 5♀, Rostov Region, Rostov, bank r.Don, 12.V.1997 (Grichanov); 7♂, Krasnodar Terr., Adler, r.Mzymta, on grass, 21,25,27.X.2006 (Vikhrev); 1♂, Krasnodar Terr., Adler, park, 25.X.2006 (Vikhrev) [VIZR]; 3♂, Krasnodar Terr., Sochi, vozle vill. Veseloe, 22.X.2006 (Vikhrev) [VIZR]; 1♂, Temryuk, distr. «Gorodok», at 18h, 16.VII.2004 (Kustov); Apsheronskii distr., env. biostation Kamyshanova Polyana: 1♂, 13-20.IX.2004; 1♂, 14.V.2005; 1♂, 10-11.VI.2006 (Kustov); 1♂, 19.VII.2006, on grass (Volfov, Gladun) [KUBGU].

Distribution. All Europe, Anterior, Middle and Central Asia, North and Tropical Africa, Oriental China; Caucasus: Karachai-Cherkessia, Abkhazia, Georgia; NW Caucasus: CNR, Krasnaya Polyana, Gelendzhik, Arkhipo-Osipovka.

78. *Syntormon pumilus* (Meigen, 1824) [*Porphyrrops*] (Loew, 1857: Progr. Realsch. Meseritz 1857: 34-35)

=*Porphyrrops pumila* Meigen, 1824: Syst. Besch. 4: 53

=*Syntormon rufipes* (Meigen, 1824) [*Rhaphium*]

=*Rhaphium rufipes* Meigen, 1824: Syst. Besch. 4: 30 // spec. incerta (Becker, 1918: N. Acta Acad. leop., Halle, 103: 277-278) (Parent, 1925: Enc. ent., Ser.B, II, Dipt. 2: 42)

Material: 1♂, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov) [VIZR].

Distribution. Europe to the Urals, Middle Asia, Afghanistan, Israel, Egypt, Morocco, Tunisia; Caucasus: Armenia; NW Caucasus: CNR, Gelendzhik.

Systemus Loew, 1857

79. *Systemus pallipes* (von Roser, 1840) [*Rhaphium*] (Becker, 1918: N. Acta Acad. leop., Halle, 103: 256)

=*Rhaphium pallipes* von Roser, 1840: Corresp.-bl. k. württ. landw. Ver., Stuttgart, 37 (= n.Ser. 17) (1): 55

Material: 1♀, Krasnodar Terr., Arkhipo-Osipovka, 44°21'N, 38°33'E, 05.VII.2001 (Grichanov) [VIZR].

Distribution. Europe, Turkmenia, Primorskii Terr.; NW Caucasus: Guzeripl'.

Tachytrechus Haliday in Walker, 1851

80. *Tachytrechus genualis* Loew, 1857: Z. Naturw. 10: 102

Material: 1♂, 1♀, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov) [VIZR]; 2♀, Krasnodar Terr., Arkhipo-Osipovka, 19.VI.1992 (Grichanov) [VIZR].

Distribution. Europe, Japan, Taiwan; Caucasus: Armenia; NW Caucasus: CNR, Gelendzhik.

81. *Tachytrechus ripicola* Loew, 1857: Progr. Realsch. Meseritz 1857: 14

Material: 1♂, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 01.VII.2001 (Grichanov) [VIZR].

Distribution. Europe, Orenburg Region, Uzbekistan, Kazakhstan; Caucasus: Armenia. New for the NW Caucasus.

Teuchophorus Loew, 1857

82. *Teuchophorus calcaratus* (Macquart, 1827) [*Medeterus*] (Loew, 1857: Progr. Realsch. Meseritz 1857: 44)

=*Medetera calcarata* Macquart, 1827: Ins. Dipt. Nord France 3: 47 [*Medeterus*]

Material: 1♂, Krasnodar Terr., Arkhipo-Osipovka, 44°21'N, 38°33'E, 02.VIII.2001 (Grichanov); 3♂, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov); 16♂, Krasnodar Terr., Goryachii Klyuch env., 22.VI.2000 (Grichanov) [VIZR]. 2♂, Krasnodar Terr., Severskii distr., Verkhneafipskoe game-preserve, 22.VI.2006 (Kustov) [KUBGU].

Distribution. Europe; Caucasus: Georgia; NW Caucasus: CNR, Gelendzhik, Arkhipo-Osipovka, Dzhubga, Goryachii Klyuch.

83. *Teuchophorus monacanthus* Loew, 1859: Progr. Realsch. Meseritz 1859: 21

Material: 6♂, Krasnodar Terr., Arkhipo-Osipovka, 44°21'N, 38°33'E, 02.VIII.2001 (Grichanov); 13♂, Krasnodar Terr., Dzhubga, 44°18'N, 38°42'E, 28.VII.2001 (Grichanov); 4♂, Krasnodar Terr., Goryachii Klyuch env., 12.VI.2000 (Grichanov); 6♂, Krasnodar Terr., 2 km N Ubinskaya, 06.VI.2000 (Grichanov); 1♂, Krasnodar env., VNIIBZR, river Kuban', 17.VI.2000 (Grichanov) [VIZR].

Distribution. Whole Europe, Middle Asia, Israel, Iraq; Caucasus: Georgia; NW Caucasus: CNR, Gelendzhik.

Thinophilus Wahlberg, 1844

84. *Thinophilus flavipalpis* (Zet-

terstedt, 1843) [*Rhaphium*] (Wahlberg, 1844: Öfvers. Vetensk.-Akad. Förhandl. (Stockholm) 1: 37)

Material: 2♂, 2♀, Krasnodar Terr., Kuchugury, 45°23'N, 36°58'E, 30.VI & 01.VII.2001 (Grichanov); 1♂, 2♀, Rostov Region, Azov. distr., Port-Katon, 3,9.VI.1996 (Grichanov) [VIZR].

Distribution. Europe, Egypt, Kazakhstan, Kyrgyzstan, Mongolia, N China; Caucasus: Azerbaijan; NW Caucasus: Anapa.

85. *Thinophilus ruficornis* (Haliday, 1838) [*Medeterus*] (Haliday, 1851, in: Walker, Stainton & Wilkinson, Dipt. brit. 1(1): 192)

=*Medetera ruficornis* Haliday, 1838: Ann. nat. Hist. 2(9): 184 [*Medeterus*]

Material: 2♂, 3♀, Rostov Region, Azov. distr., Port-Katon, 3,9,18,26.VI.1996 (Grichanov) [VIZR].

Distribution. All Europe, N Kazakhstan, Kyrgyzstan, Siberia, Mongolia, China. New for the Caucasus.

Thrypticus Gerstaecker, 1864

86. *Thrypticus bellus* Loew, 1869: Besch. eur. Dipt. 1: 303 [*Thrypticus*]

Material: 3♂, Rostov Region, Azov, 14.VI.1996 (Grichanov); 2♂, Rostov Region, Azov, rDon branch, 14.VI.1996 (Grichanov) [VIZR].

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Distribution. All Europe, Abkhazia; Egypt; Israel; Turkey; Anterior and Middle Asia, Kazakhstan, W Siberia, China, Primorskii Terr., North and Tropical Africa. New for the NW Caucasus.

87. *Thrypticus smaragdinus* Gerstäcker, 1864: Ent. Ztg. (Stettin) 25: 44

Material: 1♂, Krasnodar env., VNIIBZR, river Kuban', 04.VI.2000 (Grichanov); 1♂, 1♀, Rostov Region, env. vill. Novomargaritovka, 12.VI.1996 (Grichanov) [VIZR].

Distribution. Europe. New for the Caucasus.

88. *Thrypticus virescens* Negrobov, 1967: Ent.Obozr. 46(4): 906

Material: 1♂, Rostov Region, Azov, 14.VI.1996 (Grichanov) [VIZR].

Distribution. Leningrad Region. New for the Caucasus.

Xanthochlorus Loew, 1857

89. *Xanthochlorus fulvus* Negrobov, 1978: Vestnik Zool. 1978(2): 19

Material: 5♂, 6♀, Adygea, Maikopskii distr., mnt. Bol'shoi Tkach, forest at station Vetrenyi, on grass, 7.VIII.2006 (Volfov) [KUBGU].

Distribution. Caucasus: Alania; NW Caucasus: CNR (Fisht Mnt., Kisha).

Remark. Female was not known.

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References

Grichanov I.Ya., Kustov S.Yu., Volfov B.I. A checklist of Dolichopodidae (Diptera) of Krasnodar Territory and Adygea (Russia). /J. Dipterol. Res., 17(1), 2006, p.35-55.

Maslova O.O. Revision of the genus *Chrysotus* (Dolichopodidae, Diptera) of Russia and adjacent territories. /Abstract of PhD Thesis (MS). Voronezh, Voronezh LTA, 2006, 20 p. (in Russian).

Negrobov O.P. Dolichopodidae. In: Soós, Á., Papp L. & Oosterbroeck P. (Eds.). /Catalogue of Palaearctic Diptera 7: Dolichopodidae-Platypozidae. Budapest: Akadémiai Kiadó, 1991, p.1-291.

Negrobov O.P. & Maslova O.O. A new species of the genus *Diaphorus* (Diptera, Dolichopodidae) from the North Caucasus. /Vestnik

zoologii, 39(6), 2005, p.77-78 (in Russian).

Negrobov O.P., Selivanova O.V., Maslova O.O. Research on fauna and ecology of the family Dolichopodidae (Diptera) of Caucasian Biosphere Reserve. /Gornye ekosistemy i ikh komponenty. Tr. Mezhd. konf., v. 2, Nal'chik, 2005, p.48-49 (in Russian).

Negrobov O.P., Rodionova S.Y. New data on fauna of subfamily Dolichopodinae (Dolichopodidae, Diptera) in Russia and neighbouring territories (genus *Hercostomus* Lw.). /J. Dipterol. Res., 15(3), 2004, p.201-204.

Selivanova O.V. Revision of the genus *Argyra* Macquart, 1834 (Dolichopodidae, Diptera) of Palearctic. /Abstract of PhD Thesis (MS). Voronezh: Voronezh Univ., 2006, 20 p. (in Russian).

Shamshev I.V. *Sciapus flavicinctus* Loew (Diptera, Dolichopodidae) - new species for the fauna of the USSR. /Vestnik Zoologii, 1, 1990, 85 (in Russian).

Yang D., Zhu Y.J., Wang M.Q., Zhang L.L. World catalog of Dolichopodidae (Insecta: Diptera). /Beijing: China Agricultural University Press, 2006, 704 p.

НОВЫЕ ДАННЫЕ ПО РАСПРОСТРАНЕНИЮ ХИЩНЫХ МУХ-ЗЕЛЕНУШЕК (DOLICHOPODIDAE, DIPTERA) НА СЕВЕРО-ЗАПАДНОМ КАВКАЗЕ

И.Я.Гричанов, Б.И.Вольфов, С.Ю.Кустов

Фауна мух-зеленушек Северо-Западного Кавказа - одна из наиболее изученных в России. Но до настоящего времени только фауна Кавказского биосферного заповедника была изучена более или менее полно. Другие районы этой территории посещали многие энтомологи, но без регулярных сборов долихоподид. Недавно был издан справочный список Dolichopodidae Краснодарского края и Адыгеи (Grichanov et al., 2006), включивший 183 вида. Несколько видов было также добавлено к фауне региона другими авторами: *Diaphorus pilitibius* Negrobov et Maslova; *Sciapus flavicinctus* (Loew); *Chrysotus alpicola* Strobl; *Argyra loewi* Kowarz; *Hercostomus assimilis* (Staeger) и *H. nigrilamellatus* (Macquart). Статья посвящена новым данным о распространении 89 видов Dolichopodidae на Северо-Западном Кавказе с указанием глобального распространения для каждого вида. Шестнадцать видов впервые отмечены для Северо-Западного Кавказа, из которых 14 являются новыми для всего Кавказа, а пять видов - новыми для России. *Neurigona abdominalis* (Fallén) исключен из фауны Кавказа. Следующие виды приведены впервые для Северо-Западного Кавказа: *Argyra diaphana* (Fabricius), *Chrysotus collini* Parent, *Dolichopus agilis* Meigen, *D. calinotus* Loew, *D. clavipes* Haliday, *D. diadema* Haliday, *Hydrophorus pectinatus* Gerstäcker, *Medetera flavipes* Meigen, *M. tenuicauda* Loew, *Micromorphus shamshevi* Negrobov, *Syntormon filiger* Verrall, *Tachytrechus ripicola* Loew, *Thinophilus ruficornis* (Haliday), *Thrypticus bellus* Loew, *T. smaragdinus* Gerstäcker, *T. virescens* Negrobov. Это означает, что фауна региона достигла 207 видов. Список включает новый материал, собранный в Краснодарском крае, Адыгее и на юге Ростовской области. Материал хранится в коллекциях Кубанского государственного университета (Краснодар) и Всероссийского института защиты растений (Санкт-Петербург).