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**HOVER-FLIES (DIPTERA: SYRPHIDAE) OF THE BOLSHOI  
KHEKHTSIR RIDGE, Khabarovskii Krai, Russia**

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**Summary.** An annotated list of the 110 hover-flies species in 39 genera of the Bolshekhechtsirsky Nature Reserve (Khabarovskii krai) is given; of them 30% species are endemic to the East Asian Region. *Pipiza flavomaculata* Matsumura, 1918 is recorded from Russia for the first time.

**Key words:** Diptera, Syrphidae, hover-flies, fauna, Bolshekhechtsirsky Nature Reserve, Russian Far East.

**В. А. Мутин, А. В. Баркалов. Мухи-журчалки (Diptera: Syrphidae) хребта Большой Хехцир, Хабаровский край, Россия // Дальневосточный энтомолог. 2018. N 349. С. 17-27.**

**Резюме.** Приводится аннотированный список 110 видов из 39 родов мух-журчалок, найденных в Большехехцирском заповеднике (Хабаровский край), их них 30% видов относятся к эндемикам Восточноазиатской области. *Pipiza flavomaculata* Matsumura, 1918 указывается впервые для фауны России.

**INTRODUCTION**

Bolshekhechtsirsky Nature Reserve was organized in 1963. This reserve and its buffer zone occupy the majority of the Bolshoi Khekhtsir Ridge, dividing Khabarovsk City and the mouth of Ussuri River. Publications on the syrphid fauna of the Bolshekhechtsirsky Nature Reserve are absent until now. Present paper aims to clarify the hover-flies fauna of this protected area.

**MATERIALS AND METHODS**

The material for the list below was collected by V.A. Mutin and by V.V. Dubatolov. Specimens collected by V.A. Mutin are deposited mainly in his private collection and were determined by him. Specimens collected by V.V. Dubatolov kept in the Institute of Systematics and Ecology of Animals (Novosibirsk) and were determined by the second author. Abbreviation of collectors is as follow: D – V.V. Dubatolov, M – V.A. Mutin.

The hover-flies were collected in the following localities: **I** – environs of Bychikha Village, valley of Bykova River, alder-aspens forest; **II** – environs of Bychikha Village, trail on the "Crows Stones", coniferous-deciduous forest; **III** – border of the Reserve near Bychikha Village, aspen forest; **IV** – the 5th km of road Bychikha-Kazakevichevo, near the turn to Reserve visit-center, broad-leaved forest; **V** – 1st km of road Bychikha-Kazakevichevo, deciduous forest; **VI** – road A-370, 3 km N Korfovskii, Malye Chirki Stream, deciduous forest; **VII** – environs of Bychikha Village; **VIII** – Chirki cordon; **IX** – environs of Kazakevichevo Village.

The list contains information about the classification of hover-flies, the places of collection of examined specimens and some taxonomic remarks. The taxonomy of the species is given in accordance with base of Pape & Thompson (2018) or is discussed in paper. Species and taxa of higher rank are listed in alphabetical order. Species are ordered in subfamilies, tribes and subtribes according to common opinion of authors.

#### LIST OF SPECIES

##### Family Syrphidae

##### Subfamily Eristalinae

##### Tribe Brachyopini

###### ***Brachyopa cineria* Wahlberg, 1844**

MATERIAL. **IV** – 2.VI 2015, 3♀ (M).

###### ***Brachyopa dorsata* Zetterstedt, 1837**

MATERIAL. **IV** – 2.VI 2015, 5♂ (M).

###### ***Brachyopa maritima* Violovitsh, 1980**

MATERIAL. **IV** – 2.VI 2015, 7♂, 6♀ (M); **V** – 3.VI 2017, 7♂, 1♀ (M).

###### ***Brachyopa panzeri* Goffe, 1945**

MATERIAL. **IV** – 2.VI 2015, 2♂, 2♀ (M); **V** – 3.VI 2017, 1♂ (M).

###### ***Brachyopa pivanica* Mutin, 1984**

MATERIAL. **IV** – 2.VI 2015, 2♂ (M).

###### ***Brachyopa violovitshi* Mutin, 1985**

MATERIAL. **IV** – 2.VI 2015, 1♂ (M); **V** – 3.VI 2017, 1♀ (M).

###### ***Hammerschmidtia ingraca* Stackelberg, 1952**

MATERIAL. **II** – 22.VI 1982, 1♂ (M); **IV** – 2.VI 2015, 4♂ (M).

###### ***Myolepta vara* (Panzer, 1798)**

MATERIAL. **IV** – 2.VI 2015, 1♂, 1♀ (M); **VI** – 5.VI 2017, 1♂ (M).

###### ***Orthonевра stackelbergi* Thompson et Torp Pedersen, 1982**

MATERIAL. **IV** – 2.VI 2015, 4♂ (M); **V** – 3.VI 2017, 4♂ (M); **VI** – 5.VI 2017, 3♂, 1♀ (M); **VII** – 2.VII 2005, 2♂ (D).

***Sphegina (Asiosphegina) sibirica* Stackelberg, 1953**

MATERIAL. **I** – 21.VI 1982, 2♂ (M); **II** – 22.VI 1982, 2♂ (M); **III** – 23.VI 1982, 1♂, 1♀ (M); **IV** – 2.VI 2015, 1♂ (M); **V** – 3.VI 2017, 3♂ (M).

***Sphegina (Sphegina) obscurifacies* Stackelberg, 1956**

MATERIAL. **II** – 22.VI 1982, 1♂ (M); **V** – 3.VI 2017, 1♀ (M).

***Sphegina (Sphgina) stackelbergi* Violovitsh, 1980**

MATERIAL. **II** – 22.VI 1982, 1♂ (M).

**Tribe Ceriodini**

***Ceriana nigerrima* Violovitsh, 1974**

MATERIAL. **VI** – 5.VI 2017, 1♀ (M).

**Tribe Eristalini**

***Eristalis (Eoseristalis) arbustorum* (Linnaeus, 1758)**

MATERIAL. **VII** – 26.VII 2005, 1♀ (D); **VIII** – 6.IX 2013, 1♀ (D).

***Eristalis (Eoseristalis) cerealis* Fabricius, 1805**

MATERIAL. **IV** – 2.VI 2015, 2♂ (M); **VII** – 23.10.2008, 1♂ (D).

***Eristalis (Eoseristalis) interrupta* (Poda, 1761)**

MATERIAL. **VI** – 5.VI 2017, 1♂ (M).

***Eristalis (Eoseristalis) japonicus* van der Goot, 1964**

MATERIAL. **IV** – 2.VI 2015, 2♂, 1♀ (M); **V** – 3.VI 2017, 2♂ (M); **VI** – 5.VI 2017, 1♂ (M).

***Eristalis (Eoseristalis) obscura* Loew, 1866**

MATERIAL. **IV** – 2.VI 2015, 2♂ (M); **V** – 3.VI 2017, 1♀ (M); **VI** – 5.VI 2017, 1♀ (M); **VII** – 21.VI 2005, 1♀ (D).

NOTES. The species is understood by Hippa *et al.* (2001).

***Eristalis (Eoseristalis) rabidus* Violovitsh, 1977**

MATERIAL. **I** – 21.VI 1982, 1♂ (M).

***Eristalis (Eoseristalis) rossica* Stackelberg, 1958**

MATERIAL. **I** – 21.VI 1982, 6♂, 2♀ (M); **II** – 22.VI 1982, 1♂ (M); **IV** – 2.VI 2015, 1♂, 1♀ (M); **V** – 3.VI 2017, 1♂ (M); **VII** – 13.VI-2.VIII 2005, 8♂, 5♀ (D).

***Eristalis (Eoseristalis) rupium* Fabricius, 1805**

MATERIAL. **VI** – 5.VI 2017, 1♂ (M).

***Eristalis (Eristalis) tenax* (Linnaeus, 1758)**

MATERIAL. **VIII** – 6.IX 2013, 1♂ (D).

***Helophilus affinis* Wahlberg, 1844**

MATERIAL. **II** – 22.VI 1982, 1♂, 1♀ (M); **VII** – 3.IX 2014, 2♀ (D).

***Helophilus eristaloidea* (Bigot, 1882)**

MATERIAL. **V** – 3.VI 2017, 1♂ (M).

NOTES. The specimen presents the most northern find of this species in the Russian Far East.

***Helophilus hybridus* Loew, 1846**

MATERIAL. **IV** – 2.VI 2015, 1♀ (M).

***Helophilus sapporensis* Matsumura, 1911**

MATERIAL. **I** – 21.VI 1982, 2♂, 1♀ (M); **II** – 22.VI 1982, 2♂, 1♀ (M); **III** – 23.VI 1982, 1♂ (M); **IV** – 2.VI 2015, 1♀ (M); **V** – 3.VI 2017, 1♂ (M); **VI** – 5.VI 2017, 1♂, 1♀ (M).

***Mallota bicolor* Sack, 1910**

MATERIAL. **II** – 22.VI 1982, 1♂, 1♀ (M); **V** – 3.VI 2017, 1♀ (M); **VII** – 7.VII-5.VIII 2005, 14.VII 20.VIII 2007, 4♂, 6♀ (D); **VIII** – 24.VIII 2007, 1♂ (D).

***Mallota eristaliformis* Sack, 1910**

MATERIAL. **VII** – 29.VII 2014, 1♀ (D).

***Mallota eurasiatica* Stackelberg, 1950**

MATERIAL. **IV** – 2.VI 2015, 1♂, 1♀ (M); **VI** – 5.VI 2017, 1♂ (M).

***Mallota megilliformis* (Fallén, 1817)**

MATERIAL. **VII** – 6.VII 2005, 1♀ (D).

***Mallota rossica* Portschinsky, 1877**

MATERIAL. **VII** – 2.VIII 2005, 1♀ (D).

***Mallota shatalkini* Mutin, 1999**

MATERIAL. **IV** – 2.VI 2015, 1♀ (M).

***Mallota tricolor* Loew, 1871**

MATERIAL. **V** – 3.VI 2017, 1♂, 1♀ (M); **VII** – 22.VI 2006, 8.VII 2014, 3♂, 1♀ (D); **IX** – 27-28.VIII 2007, 1♀ (D).

***Sericomyia lappona* (Linnaeus, 1758)**

MATERIAL. **V** – 3.VI 2017, 3♂ (M).

**Tribe Eumerini**

***Psilota kroschka* Mutin, 1999**

MATERIAL. **IV** – 2.VI 2015, 1♀ (M).

### Tribe Milesiini

***Blera japonica* (Shiraki, 1930)**

MATERIAL. II – 22.VI 1982, 2♂ (M); IV – 2.VI 2015, 2♂ (M); V – 3.VI 2017, 1♂ 1♀ (M); VII – 11-12.VI 2005, 2♀ (D).

***Blera nitens* (Stackelberg, 1923)**

MATERIAL. Bolshekhkhtsirsky Nature Reserve, 28-29.VI 2013, 1♀ (D).

***Blera ochrozona* (Stackelberg, 1928)**

MATERIAL. IV – 2.VI 2015, 1♀ (M); V – 3.VI 2017, 1♂ (M).

***Blera violovitshi* Mutin, 1991**

MATERIAL. Khabarovsk, Bychikha River, 1.V 1959, 1♂ (holotype) (Zhurba).

NOTES. Bolshoi Khkhtsir Ridge is the type-location of this species.

***Brachypalpus nipponicus* Shiraki, 1952**

MATERIAL. V – 3.VI 2017, 2♂ (M).

***Chalcosyrphus (Chalcosyrphus) admirabilis* Mutin, 1984**

MATERIAL. VII – 11.VI 2005, 1♂ (D).

***Chalcosyrphus (Xylotina) carbonus* (Violovitsh, 1975)**

MATERIAL. IV – 2.VI 2015, 1♂ (M).

***Chalcosyrphus (Xylotina) nemorum* (Fabricius, 1805)**

MATERIAL. I – 21.VI 1982, 1♂ (M); V – 3.VI 2017, 1♂, 1♀ (M); VI – 5.VI 2017, 4♂, 1♀ (M).

***Chalcosyrphus (Xylotina) nitidus* (Portschinsky, 1879)**

MATERIAL. II – 22.VI 1982, 3♂ (M); V – 3.VI 2017, 1♂ (M); VI – 5.VI 2017, 1♂, 1♀ (M).

***Chalcosyrphus (Xylotomima) femoratus* (Linnaeus, 1758)**

MATERIAL. V – 3.VI 2017, 1♂ (M); VII – 22.VI–20.VII 2005, 2♀ (D); VIII – 29.V 2006, 1♂ (D).

***Chalcosyrphus (Xylotomima) rufipes* (Loew, 1873)**

MATERIAL. II – 22.VI 1982, 1♂, 1♀ (M); IV – 2.VI 2015, 1♀ (M); VII – 27.VI 2005, 1♂ (D).

***Criorhina aino* Stackelberg, 1955**

MATERIAL. II – 22.VI 1982, 1♀ (M).

***Criorhina brevipila* (Loew, 1871)**

MATERIAL. I – 21.VI 1982, 1♂ (M).

***Criorhina ussuriana* (Stackelberg, 1955)**

MATERIAL. V – 3.VI 2017, 5♂, 3♀ (M); VI – 5.VI 2017, 1♂ (M).

***Spilomyia maxima* Sack, 1910**

MATERIAL. VII – 21.VI-4.VIII 2005, 16.VII-24.VIII 2007, 17 ♂, 18♀ (D).

***Spilomyia suzukii* Matsumura, 1916**

MATERIAL. III – 23.VI 1982, 1♂ (M); VII – 28.VIII 2016, 1♀ (D).

***Spilomyia xanthosticta* Stackelberg, 1958**

MATERIAL. VII – 16.VII 2007 1♂, 3♀ (D); VIII – 4.IX 2007, 1♀ (D).

***Temnostoma angustistriatum* Krivosheina, 2002**

MATERIAL. IV – 2.VI 2015, 1♂ (M); V – 3.VI 2017, 3♂ (M).

***Temnostoma apiforme* (Fabricius, 1794)**

MATERIAL. V – 3.VI 2017, 3♂, 1♀ (M); IX – 24–25.VI 2007, 1♀ (D).

***Temnostoma nitobei* Matsumura, 1916**

MATERIAL. V – 3.VI 2017, 1♂, 1♀ (M).

***Xylota abiens* Meigen, 1822**

MATERIAL. II – 22.VI 1982, 1♂ (M); IV – 2.VI 2015, 8♂, 2♀ (M); VI – 5.VI 2017, 2♂ (M); VII – 12.VI, 26.VII 2005, 1♂, 1♀ (D).

***Xylota danieli* Mutin et Ichige, 2015**

MATERIAL. II – 22.VI 1982, 1♂ (M).

***Xylota filipjevi* (Stackelberg, 1952)**

MATERIAL. II – 22.VI 1982, 1♂ (M); IV – 2.VI 2015, 2♂, 3♀ (M); VII – 13-19.VII 2005, 2♀ (D).

***Xylota lapsa* Mutin, 1990**

MATERIAL. II – 22.VI 1982, 1♂ (M).

***Xylota pseudoignava* Mutin, 1984**

MATERIAL. II – 22.VI 1982, 2♂, 1♀ (M).

***Xylota tarda* Meigen, 1822**

MATERIAL. II – 22.VI 1982, 2♂, 2♀ (M); VII – 11.VI, 2.VIII 2005, 2♂ (D).

***Xylota umbrosa* Violovitsh, 1975**

MATERIAL. IV – 2.VI 2015, 2♂ (M).

**Tribe Rhingiini**

***Cheilosia (Cheilosia) tokushimaensis* Shiraki, 1968**

MATERIAL. V – 3.VI 2017, 1♀ (M).

***Cheilosia (Cheilosia) velutina* Loew, 1840**

MATERIAL. VII – 4-5.VIII 2005, 2♀ (D); VI – 5.VI 2017, 1♀ (M).

***Cheilosia (Endoiasimyia) formosana* (Shiraki, 1930)**

MATERIAL. IV – 2.VI 2015, 1♂, 1♀ (M); VI – 5.VI 2017, 1♀ (M); VII – 19.VI 2005, 1♂ (D).

***Cheilosia (Eucartosyrphus) angustigena* (Becker, 1894)**

MATERIAL. IV – 2.VI 2015, 1♂, 6♀ (M); V – 3.VI 2017, 5♀ (M).

***Cheilosia (Eucartosyrphus) flavissima* Becker, 1894**

MATERIAL. VII – 13.VI 2005, 1♂ (D).

***Cheilosia (Eucartosyrphus) nuda* (Shiraki, 1930)**

MATERIAL. II – 22.VI 1982, 1♂, 1♀ (M); IV – 2.VI 2015, 1♂, 2♀ (M); V – 3.VI 2017, 2♀ (M); VI – 5.VI 2017, 1♀ (M).

***Cheilosia (Eucartosyrphus) posjetica* Barkalov, 1981**

MATERIAL. VII – 13.VI 2005, 2♂ (D).

***Cheilosia (Eucartosyrphus) scutellata* (Fallen, 1817)**

MATERIAL. II – 22.VI 1982, 1♀ (M); VII – 13.VI, 16.VII 2005, 2♂ (D).

***Cheilosia (Floccocheila) motodomariensis* Matsumura, 1916**

MATERIAL. VII – 19.VII-14.VIII 2005, 3♂, 1♀ (D).

***Ferdinandea ruficornis* (Fabricius, 1775)**

MATERIAL. I – 21.VI 1982, 1♀ (M).

***Rhingia laevigata* Loew, 1858**

MATERIAL. IV – 2.VI 2015, 1♀ (M).

**Tribe Volucellini**

***Volucella abdita* Violovitsh, 1978**

MATERIAL. VII – 19.VII 2005, 1♂ (D).

***Volucella pellucens* (Linnaeus, 1758)**

MATERIAL. VII – 19.VII-2.VIII 2005, 2♂, 2♀ (D).

NOTES. Subspecies *Volucella pellucens tabanoides* Motschulsky, 1859 presents in the Far East.

**Subfamily Microdontinae  
Tribe Microdontini**

***Microdon analis* (Macquart), 1842**

MATERIAL. VII – 11.VI 2005, 1♂, 1♀ (D).

***Microdon miki* Doczkal et Schmid, 1999**

MATERIAL. II – 22.VI 1982, 1 ♀ (M).

**Subfamily Pipizinae  
Tribe Pipizini**

***Cryptopipiza notabilis* (Violovitsh, 1985)**

MATERIAL. IV – 2.VI 2015, 1 ♂ (M).

***Neocnemodon vitripennis* (Meigen, 1822)**

MATERIAL. V – 3.VI 2017, 1 ♂ (M).

***Pipiza accola* Violovitsh, 1985**

MATERIAL. IV – 2.VI 2015, 1 ♂ (M).

***Pipiza flavomaculata* Matsumura, 1918**

MATERIAL. IV – 2.VI 2015, 1 ♀ (M); V – 3.VI 2017, 1 ♂ (M); VI – 5.VI 2017, 1 ♂ (M).

NOTES. This species was wrongly noted for Russian Far East as *Pipiza fenestrata* Meigen, 1822 (Mutin, 2002). Vujic' *et al.* (2013) established *Pipiza fenestrata* Meigen, 1822 as a junior synonym of *Pipiza noctiluca* (Linnaeus, 1758). This species differs from *P. flavomaculata* as in character of pilosity of tergites of abdomen and face as and in characters of the male genitalia.

***Pipiza lugubris* (Fabricius, 1775)**

MATERIAL. VI – 5.VI 2017, 1 ♀ (M).

**Subfamily Syrphinae  
Tribe Bacchini**

***Platycheirus brunnifrons* Nielsen, 2004**

MATERIAL. V – 3.VI 2017, 1 ♀ (M)

***Platycheirus clypeatus* (Meigen, 1822)**

MATERIAL. I – 21.VI 1982, 3 ♀ (M).

**Tribe Syrphini**

***Betasyrphus nipponensis* (van der Goot, 1964)**

MATERIAL. IV – 2.VI 2015, 2 ♀ (M); VII – 30.VIII 2007, – 1 ♀ (D); VIII – 4.IX 2007, 1 ♂ (D); IX – 27-28.VIII 2007, – 1 ♀ (D).

***Chrysotoxum biguttatum* Matsumura, 1911**

MATERIAL. II – 22.VI 1982, 1 ♀ (M); IV – 2.VI 2015, 1 ♀ (M).

***Chrysotoxum festivum* (Linnaeus, 1758)**

MATERIAL. I – 21.VI 1982, 1 ♂, 2 ♀ (M); II – 22.VI 1982, 2 ♂ (M).

NOTES. The interpretation of the species is given in accordance with the opinion of ICZN (2001).



***Chrysotoxum grande* Matsumura, 1911**

MATERIAL. II – 22.VI 1982, 1♂ (M).

NOTES. One of the most northern finding in Amurland, where this species was found in mountains of Malyj Khingan (Dichun River).

***Chrysotoxum sapporensis* Matsumura, 1916**

MATERIAL. I – 21.VI 1982, 3♂, 2♀ (M); II – 22.VI 1982, 1♂, 1♀ (M).

***Chrysotoxum shiraki* Matsumura, 1931**

MATERIAL. II – 22.VI 1982, 1♀ (M).

***Dasysyrphus venustus* (Meigen, 1822)**

MATERIAL. IV – 2.VI 2015, 1♀ (M).

NOTES. This specimen belongs to the morph recognized by some authors (Speight, 2016) as an independent species *Dasysyrphus hilaris* (Zetterstedt, 1843).

***Didea alneti* (Fallén, 1817)**

MATERIAL. IV – 2.VI 2015, 1♂ (M).

***Epistrophe cryptica* Doczkal et Schmid, 1994**

MATERIAL. IV – 2.VI 2015, 1♀ (M).

***Epistrophe flava* Doczkal et Schmid, 1994**

MATERIAL. IV – 2.VI 2015, 1♂ (M); V – 3.VI 2017, 1♀ (M).

***Epistrophe grossulariae* (Meigen, 1822)**

MATERIAL. III – 23.VI 1982, 1♂, 1♀ (M).

***Epistrophe nitidicollis* (Meigen, 1822)**

MATERIAL. V – 3.VI 2017, 1♀ (M).

***Epistrophe obscuripes* (Strobl, 1910)**

MATERIAL. IV – 2.VI 2015, 1♂, 1♀ (M).

***Episyrphus balteatus* (De Geer, 1776)**

MATERIAL. II – 22.VI 1982, 1♀ (M); III – 23.VI 1982, 1♂, 1♀ (M); V – 3.VI 2017, 2♀ (M).

***Eupeodes lundbecki* (Soot-Ryen, 1946)**

MATERIAL. V – 3.VI 2017, 1♀ (M).

***Leucozona glaucia* (Linnaeus, 1758)**

MATERIAL. II – 22.VI 1982, 3♂ (M).

***Leucozona inopinata* Doczkal, 2000**

MATERIAL. V – 3.VI 2017, 2♂ (M).

***Parasyrphus annulatus* (Zetterstedt, 1838)**

MATERIAL. II – 22.VI 1982, 1♀ (M).

***Parasyrphus iraidae* Mutin, 1987**

MATERIAL. IV – 2.VI 2015, 1♂ (M); V – 3.VI 2017, 1♀ (M).

***Parasyrphus proximus* Mutin, 1990**

MATERIAL. IV – 2.VI 2015, 2♂, 1♀ (M).

***Sphaerophoria indiana* Bigot, 1884**

MATERIAL. V – 3.VI 2017, 1♂ (M).

***Sphaerophoria macrogaster* (Thomson, 1869)**

MATERIAL. V – 3.VI 2017, 1♂ (M).

***Syrphus ribesii* (Linnaeus, 1758)**

MATERIAL. I – 21.VI 1982, 1♀ (M); V – 3.VI 2017, 1♀ (M); IX – 3.IX 2014, 1♀ (D)

***Syrphus torvus* Osten-Sacken, 1875**

MATERIAL. II – 22.VI 1982, 3♂, 1♀ (M); IV – 2.VI 2015, 1♀ (M); VI – 3.IX 2014, 1♂, 2♀ (D); VIII – 4.IX 2007, 2♀ (D).

***Syrphus vitripennis* Migen, 1822**

MATERIAL. III – 23.VI 1982, 1♀ (M); VIII – 24.VIII 2007, 1♀ (D).

***Xanthogramma laetum* (Fabricius, 1794)**

MATERIAL. III – 23.VI 1982, 1♀ (M).

#### DISCUSSION

So far 110 species of hover-flies in 39 genera, 11 tribes and 4 subfamilies are recorded from the Bolshoi Khekhtsir Ridge. It is almost a half of syrphid species listed in well-studied regional faunas of Khabarovskii krai (Mutin, 2009, 2011; Mutin *et al.*, 2016). The subfamily Microdontinae in the Bolshekhkhtsirsky Nature Reserve includes 2 species only. The subfamily Pipizinae is represented by 3 genera and 5 species. The taxonomic dominance of the subfamily Eristalinae (75 species, 22 genera, 7 tribes) as well as a smaller share of Syrphinae (28 species, 13 genera, 2 tribes) in the investigated fauna is character of subboreal forest fauna of Eastern Palaearctic. *Pipiza flavomaculata* is recorded for the first time from the Russian fauna. In the present list there is large share of regional endemics. 30% of found species are distributed in the Eastern Asian region only. They are typical inhabitants of coniferous-deciduous and broad-leaved forests of Eastern Asia (*Betasyrphus nipponensis*, *Blera japonica*, *B. ochrozona*, *Brachyopa maritima*, *B. violovitshi*, *Ceriana nigerrima*, *Chalcosyrphus carbonus*, *Cheilosia formosana*, *Ch. nuda*, *Ch. posjetica*, *Ch. tokushimaensis*, *Chrysotoxum biguttatum*, *Ch. grande*, *Ch. sapporense*, *Ch. shiraki*, *Criorhina ussuriana*, *Eristalis japonicas*, *Helophilus eristaloidea*, *H. sapporense*, *Mallota bicolor*, *M. eristaliformis*, *M. shatalkini*, *Parasyrphus iraidae*, *Pipiza flavomaculata*, *Rhingia laevigata*, *Sphegina stackelbergi*, *Spilomiya suzukii*, *S. xanthosticta*, *Temnostoma nitobei*, *Volucella abdita*, *Xylota danieli*, *X. filipjevi*, *X. umbrosa*). The species list is a good reflection of the features of the Ussuri fauna of Syrphidae.

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