

AN UPDATED CHECKLIST OF CROATIAN TACHINIDAE (DIPTERA)

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We have listed 307 species of Tachinidae presently known from the country. Our checklist contains data from all available sources cited below the species names. New material consisting of 100 species has been studied to support the literature. There are still 29 doubtful records, as well as 3 doubtful taxa, mentioned by old references, the validity of which needs to be confirmed; these records are reviewed apart from the main species list.

Keywords: Tachinidae, checklist, distribution, Croatia, Balkan Peninsula

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Utvdili smo 307 vrsta muha gusjeničarki (Tachinidae) trenutno poznatih za Hrvatsku. Naš ažurirani popis sadrži podatke iz svih raspoloživih izvora koje citiramo nakon naziva vrste. Kao dopunu literaturnim navodima analiziran je novosakupljeni materijal koji sadrži 100 vrsta. Prisutno je 29 dvojbenih nalaza, kao i 3 taksonomski dvojbene svojte koje se navode u starim referencama, a čiju valjanost još treba potvrditi; ti nalazi se obrađuju odvojeno od glavnog popisa vrsta.

Ključne riječi: Tachinidae, popis, rasprostranjenost, Hrvatska, Balkanski poluotok

INTRODUCTION

Tachinid flies are one of the largest families in the order Diptera and distinctly the largest group of the Calyptrata section (PAPE *et al.*, 2011). Some of these insects are black, tiny and rarely seen in nature, while others are bright, large, and easily spotted in the field. Tachinids consume their basic food requirements in the larval stage, but the adults, when visiting flowers, play a role as pollinators of some plants (TOOKER *et al.*, 2006; AL-DOBAI *et al.*, 2012; KRIVOSHEINA & RICHTER, 2015). All known species of tachinids develop as obligate endoparasitoids in many insect host orders (predominantly moth caterpillars, but also sawfly larvae, beetle larvae and adults, crane fly larvae, true bugs, crickets, etc.), and even, rarely, in several terrestrial noninsect arthropods (specifically centipedes and scorpions), and as such have great ecological importance (STIREMAN *et*

al., 2006). The tachinids as a family have associations with a wide range of hosts, but certain groups of tachinids have more specialized associations. Data on host preferences for the Palaearctic species can be found in HERTING (1960), TSCHORSNIG & HERTING (1994) or TSCHORSNIG (2017). However, it is not just the diversity of hosts in the habitat, but also habitat connectivity that enables parasitoid spillover, and other ecological factors determine diversity of tachinids (INCLÁN *et al.*, 2014, 2015, 2016). Most tachinids are thermophilic, and the fauna of Southern Europe is therefore richer than that of Central Europe, where tachinids have been thoroughly studied (TSCHORSNIG & HERTING, 1994). There are also some species that have expanded their distribution in Europe northwards, due to global warming or other reasons (BERGSTRÖM & BARTCH, 2005; ZIEGLER, 2011; FRANCATI *et al.*, 2017) or that have been introduced to Europe from other continents and become established in different countries (SALERNO *et al.*, 2002; GROOT *et al.*, 2007; PÉTREMAND *et al.*, 2015). However, the fauna of several southeastern European countries remains relatively unknown and requires further investigation.

The most up-to-date checklist of Tachinidae of the Balkan countries (HUBENOV, 2008a) lists 241 species for the fauna of Croatia, which is certainly an incomplete representation of the actual fauna, when the species diversity of nearby countries is taken into account. Croatia is a country that boasts a spectacular landscape and many rare habitats, and due to its specific geographical position that covers four biogeographical regions (Pannonian, Continental, Alpine and Mediterranean), it is possibly one of the richest European countries in terms of biodiversity (RADOVIĆ *et al.*, 2009). The aim of the present publication is to provide a species list based on more complete reference sources, and to confirm some older and unreliable records, adding recent faunistic data.

MATERIAL AND METHODS

The complete list of currently known Croatian tachinid fauna is based on previously published sources as well as on our own original data. In the case of species that were not collected during recent field research, information about them is drawn from published sources; if their presence is confirmed by both new material and published sources, both sets of data are listed. We revised numerous additional sources that were ignored by HUBENOV (2008a): SIEBOLD (1843); FRAUENFELD (1856; 1860); SCHINER (1862); BRISCHKE (1885); WACHTL (1889); KUHLMANN (1890); PABST (1890a; 1890b); STROBL (1893; 1898; 1904); BRAUER & BERGENSTAMM (1894); LANGHOFFER (1896; 1920); NOVAK (1899); THALHAMMER (1899); RIEDEL (1908); TÖLG & FAHRINGER (1911); KOVAČEVIĆ (1926; 1928); BARANOV (1928; 1929c; 1930c; 1932); BARANOV & HERGULA (1928); BURGESS & CROSSMAN (1929); HERGULA (1928; 1929); PARKER *et al.* (1929); DOWDEN (1933); MELIS (1940); ANDROIĆ (1956; 1957); BJEGOVIĆ (1957); COE (1960; 1962); HADŽISTEVIĆ (1961); KEGLEVIĆ (1970); HERTING (1974; 1975; 1985; 1993); MACELJSKI & BALARIN (1975); TSCHORSNIG (1990, 2005); RUCNER (1994); TSCHORSNIG & HERTING (1994; 2005); COOPER & O'HARA (1996); FORD *et al.* (2000); RUBIN (2000); RIEGER & TSCHORSNIG (2001); BRITVEC (2000; 2004); SUN & MARSHALL (2003); CERRETTI (2005); MÜCKSTEIN *et al.* (2007); we also reviewed the most recent reference sources: CERRETTI & SHIMA (2011); BYSTROWSKI (2012); ROBERTSON & SHAW (2012); PERNEK *et al.* (2013; 2016); O'HARA & CERRETTI (2016); POHJOISMÄKI *et al.* (2016); ZIEGLER *et al.* (2016); HERTING (2017); TSCHORSNIG (2017); LUTOVINOVAS *et al.* (2018). These records were revised by the first and second authors of this report (E. Lutovinovas and R. Ozimec).

Most of the studied material originates from Gornji Muć (Central Dalmatia) and was collected in an abandoned garden in seasons of 2013 and 2014 using a modified Townes type Malaise trap (with a broader and higher "roof"). The trap was operated by the fo-

urth author of this report (B. Kokan), and material selection was carried out by the third author (M. Barták). More detailed description of the habitat in Gornji Muć is provided in one of the previous studies (see BARTÁK & KOKAN, 2017). Single specimens originating from other localities were collected by M. Kafka (2002), M. Barták (2007, 2011), M. Kadlecová (2008), and J. Halada (2009, 2013); these specimens were sampled in different parts of Dalmatia using a conventional entomological net. Voucher specimens are displayed in a collection at the Czech University of Life Sciences Prague (CULSP). Full names of the localities are presented next to each recorded species; their coordinates and collectors are provided separately (Tab. 1).

Tab. 1. Details of sampling locations with collectors of Tachinidae in Croatia

No.	Locality	Altitude	County	Coordinates	Collector
1	Gornji Muć	500 m	Split	43°41'27"N 16°29'44"E	B. Kokan
2	Molunat	150 m	Dubrovnik	42°28'52"N 18°25'57"E	M. Barták
3	Omiš	200 m	Split	43°26'00"N 16°41'00"E	J. Halada
4	Paklenica	-	Zadar	44°22'00"N 15°26'00"E	M. Kafka
5	Pula	-	Istria	44°52'00"N 13°51'00"E	J. Halada
6	Senj	seashore	Lika	44°58'26"N 14°55'13"E	M. Barták
7	Vir	-	Zadar	44°19'09"N 15°02'59"E	M. Barták
8	Vodice	-	Šibenik	43°45'00"N 15°46'00"E	M. Kadlecová

New material is studied to support the literature, especially older and unreliable references. The material was identified by the first author of this report (E. Lutovinovas). Species were identified in accordance with CERRETTI (2010); however, we also consulted MESNIL (1944–1975), HERTING (1983) as well as certain recent descriptions (CERRETTI & TSCHORSNIG, 2008; GILASIAN *et al.*, 2013; ZIEGLER *et al.*, 2016). Taxonomy and general distribution were acquired primarily from HERTING & DELY-DRASKOVITS (1993). The species of the tribe Eutherini (*Euthera fascipennis*) is transferred from the subfamily Phasiinae to Dexiinae in accordance with O'HARA & WOOD (2004), O'HARA *et al.* (2009) and CERRETTI (2010). Subfamilies, tribes, genera and species are listed alphabetically within the species list, whereas all unreliable records are reviewed in Appendix 1.

RESULTS

TACHINIDAE Robineau–Desvoidy, 1830

DEXIINAE Macquart, 1834

Dexiini Macquart, 1834

BILLAEA Robineau–Desvoidy, 1830

Billaea adelpha (Loew, 1873)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Billaea maritima (Schiner, 1862)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 14.–28. IX.2014, 1♀.

Billaea pectinata (Meigen, 1826)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

DEXIA Meigen, 1826*Dexia rustica* (Fabricius, 1775)

Literature: LANGHOFFER (1920); BARANOV (1928); COE (1962); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 11.VIII.–15.IX.2013, 1♀.

DINERA Robineau-Desvoidy, 1830*Dinera carinifrons* (Fallén, 1817)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); ZIEGLER *et al.* (2016). – Material: Gornji Muć, 11.–27.IV.2014, 1♀.

Dinera ferina (Fallén, 1817) [= *Myocerops ferina* Fallén, 1817]

Literature: STROBL (1893); LANGHOFFER (1920); BARANOV (1928); COE (1960); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

ESTHERIA Robineau-Desvoidy, 1830*Estheria petiolata* (Bonsdorff, 1866)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♂.

Estheria picta (Meigen, 1826)

Literature: LUTOVINOVAS *et al.* (2018).

PROSENA Le Peletier & Serville, 1828*Prosenia siberita* (Fabricius, 1775) [= *Prosenia sybarita* Rondani, 1861]

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

TRIXA Meigen, 1824*Trixa conspersa* (Harris, 1776) [= *Trixa oestroidea* (Robineau-Desvoidy, 1830)]

Literature: COE (1960); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

ZEUXIA Meigen, 1826*Zeuxia cinerea* Meigen, 1826

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Senj, 18.V.2007, 2♂♂.

Zeuxia erythraea (Egger, 1856)

Literature: LANGHOFFER (1920); BARANOV (1928); HERTING (1984); TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–13.VII.2013, 2♀♀.

Zeuxia subapennina Rondani, 1862

Literature: TSCHORSNIG *et al.* (2004); TSCHORSNIG (2005; 2017); HUBENOV (2008a).

Zeuxia tessellata Egger, 1860

Literature: STROBL (1893; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); HERTING, 1984; TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005a); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–28.VII.2013, 1♂, 10♀♀; 24.V.–20.VII.2014, 7♀♀.

Dufouriini Robineau–Desvoidy, 1830

DUFOURIA Robineau–Desvoidy, 1830

Dufouria nigrita (Fallén, 1810)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♂, 4♀♀; 08.–28.VI.2014, 2♀♀.

MICROSOMA Macquart, 1855

Microsoma exiguum (Meigen, 1824) [= *Syntomogaster singularis* Egger, 1860]

Literature: STROBL (1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 1♂, 2♀♀; 14.–28.IX.2014, 1♀.

RONDANIA Robineau–Desvoidy, 1850

Rondania cucullata Robineau–Desvoidy, 1850

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Rondania dimidiata (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–11.IV.2014, 1♀.

Rondania dispar (Dufour, 1851) [= *Hyalomyia dispar* Dufour, 1851; = *Xysta lesinensis* Strobl, 1893]

Literature: STROBL (1893; 1900); HERTING (1984); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Eutherini Loew, 1854

EUTHERA Loew, 1854

Euthera fascipennis (Loew, 1854) [= *Euthera mannii* Mik, 1889]

Literature: STROBL (1898; 1900); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Voriini Townsend, 1912

ATHRYCIA Robineau–Desvoidy, 1830

Athrycia trepida (Meigen, 1824)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

BLEPHAROMYIA Brauer & Bergenstamm, 1889

Blepharomyia pagana (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

CAMPYLOCHETA Rondani, 1859

Campylocheta confusa Ziegler, 1996

Literature: ZIEGLER (1996); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–27.IV.2014, 1♂, 2♀♀.

Campylocheta inepta (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

Campylocheta latigena Mesnil, 1974

Literature: LUTOVINOVAS *et al.* (2018).

CYRTOPHLEBA Rondani, 1856

Cyrtophleba ruricola (Meigen, 1824) [= *Plagia ruricola* Meigen, 1824]

Literature: FRAUENFELD (1860); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–11.VIII.2013, 2♂♂, 5♀♀.

ERIOTHRIX Meigen, 1803

Eriothrix apennina (Rondani, 1862) [= *Olivieria latifrons* Brauer, 1898]

Literature: STROBL (1902; 1904); COE (1960); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Eriothrix prolixa (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Eriothrix rufomaculata (De Geer, 1776)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 11.VIII.–15.IX.2013, 1♂; 24.VIII.–14.IX.2014, 1♂, 1♀.

PERISCEPSIA Gistel, 1848

Periscepsia carbonaria (Panzer, 1798) [= *Scopolia carbonaria* Panzer, 1798]

Literature: STROBL (1893); BARANOV (1928). – Material: Gornji Muć, 11.VIII.–06.X.2013, 1♀; 24.VIII.–14.IX.2014, 1♀; Omiš, 08.IX.2013, 1♀.

PHYLLOMYA Robineau-Desvoidy, 1830

Phyllomya volvolus (Fabricius, 1794) [= *Melanota volvolus* Fabricius, 1794]

Literature: THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

RAMONDA Robineau-Desvoidy, 1863

Ramonda plorans (Rondani, 1861) [= *Petinops schnablii* Brauer & Bergenstamm, 1891]

Literature: BRAUER & BERGENSTAMM (1891); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Ramonda prunaria (Rondani, 1861)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–15.IX.2013, 2♂♂, 5♀♀; 10.V.–28.IX.2014, 16♂♂, 4♀♀.

Ramonda prunicia (Herting, 1969)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Ramonda spathulata (Fallén, 1820)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–27.IV.2014, 12♂♂.

STOMINA Robineau-Desvoidy, 1830

Stomina caliendrata (Rondani, 1862)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 24.VIII.–28.IX.2014, 2♂♂, 1♀.

Stomina calvescens Herting, 1977

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 29.VI.–28.IX.2014, 2♀♀.

Stomina tachinoides (Fallén, 1817)

Literature: LUTOVINOVAS *et al.* (2018).

THELAIRA Robineau–Desvoidy, 1830

Thelaira nigripes (Fabricius, 1794)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–11.IV.2014, 1♂.

Thelaira solivaga (Harris, 1780)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

VORIA Robineau–Desvoidy, 1830

Voria ruralis (Fallén, 1810)

Literature: LANGHOFFER (1920); BARANOV (1928); MACELJSKI & BALARIN (1975); RUCNER (1994); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–11.VIII.2013, 4♂♂, 2♀♀; 10.VIII.–26.X.2014, 4♂♂, 9♀♀.

WAGNERIA Robineau–Desvoidy, 1830

Wagneria cunctans (Meigen, 1824)

Literature: LANGHOFFER (1920). – Material: Gornji Muć, 16.III.–11.IV.2014, 2♂♂.

EXORISTINAE Robineau–Desvoidy, 1863

Acemyini Brauer & Bergenstamm, 1889

ACEMYA Robineau–Desvoidy, 1830

Acemya acuticornis (Meigen, 1824)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Senj, 18.V.2007, 1♂.

CERACIA Rondani, 1865

Ceracia mucronifera Rondani, 1865

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–06.X.2013, 4♂♂, 18♀♀; 24.V.–10.X.2014, 9♀♀.

Blondeliini Robineau–Desvoidy, 1863

BELIDA Robineau–Desvoidy, 1863

Belida angelicae (Meigen, 1824) [= *Lydella angelicae* (Meigen, 1824); = *Tachina spinuligera* (Rondani, 1861)]

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); COE (1962); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

BLONDELIA Robineau–Desvoidy, 1830

Blondelia nigripes (Fallén, 1810) [= *Lydella nigripes* (Fallén, 1810)]

Literature: KOVAČEVIĆ (1926; 1928); BURGESS & CROSSMAN (1929); DOWDEN (1933); BRITVEC (2004); HERTING (2017); TSCHORSNIG (2017); LUTOVINOVAS *et al.* (2018).

COMPSILURA Bouché, 1834

Compsilura concinnata (Meigen, 1824) [= *Machaira serriventris* (Rondani, 1859); = *Phorcera taeniata* (Meigen, 1824)]

Literature: STROBL (1893; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); KOVAČEVIĆ (1928); ANDROIĆ (1956; 1957); RUBIN (2000); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); ROBERTSON & SHAW (2012); TSCHORSNIG (2017). – Material: Gornji Muć, 22.VI.–15.IX.2013, 2♂♂, 3♀♀; 21.VII.–28.IX.2014, 3♀♀.

CONOGASTER Brauer & Bergenstamm, 1891

Conogaster pruinosa (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a).

GASTROLEPTA Rondani, 1862

Gastrolepta anthracina (Meigen, 1826)

Literature: FRAUENFELD (1856). – Material: Gornji Muć, 10.–24.VIII.2014, 1♀.

ISTOCHETA Rondani, 1859

Istocheta subcinerea (Borisova–Zinoveva, 1966)

Literature: LUTOVINOVAS *et al.* (2018).

Istocheta sublutescens Herting, 1975

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

LIGERIA Robineau–Desvoidy, 1863

Ligeria angusticornis (Loew, 1847)

Literature: LUTOVINOVAS *et al.* (2018).

LIGERIELLA Mesnil, 1961

Ligeriella aristata (Villeneuve, 1911)

Literature: LUTOVINOVAS *et al.* (2018).

LOMACHANTHA Rondani, 1859

Lomachantha parra Rondani, 1859

Literature: LUTOVINOVAS *et al.* (2018).

MEDINA Robineau–Desvoidy, 1830

Medina collaris (Fallén, 1820)

Literature: LUTOVINOVAS *et al.* (2018).

Medina melania (Meigen, 1824)

Literature: THALHAMMER (1899); STROBL (1902; 1904). – Material: Gornji Muć, 27.V.–22.VI.2013, 4♀♀; 27.IV.–28.VI.2014, 2♀♀.

MEIGENIA Robineau–Desvoidy, 1830

Meigenia dorsalis (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Meigenia majuscula (Rondani, 1859)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 11.–27.IV.2014, 1♂, 1♀.

Meigenia mutabilis (Fallén, 1810) [= *Meigenia bisignata* (Meigen, 1824)]

Literature: STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928); COE (1962); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–11.VIII.2013, 3♂♂, 1♀; 08.VI.–10.VIII.2014, 1♂, 2♀♀.

Meigenia simplex Tschorsnig & Herting, 1998

Literature: LUTOVINOVAS *et al.* (2018).

OSWALDIA Robineau–Desvoidy, 1863

Oswaldia muscaria (Fallén, 1810)

Literature: STROBL (1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Oswaldia spectabilis (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

PICCONIA Robineau–Desvoidy, 1863

Picconia incurva (Zetterstedt, 1844) [= *Thryptocera laticornis* auct. nec (Meigen, 1822)]

Literature: STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928); MESNIL (1944–1975); HERTING (1984); COOPER & O'HARA (1996); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀.

ZAIRA Robineau–Desvoidy, 1830

Zaira cinerea (Fallén, 1810) [= *Viviania cinerea* (Fallén, 1810); = *Viviania pacta* (Meigen, 1824)]

Literature: BRAUER & BERGENSTAMM (1894); STROBL (1898; 1900); BJEGOVIĆ (1957); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017). – Material: Gornji Muć, 11.IV.–26.X.2014, 1♂, 8♀♀.

Eryciini Robineau–Desvoidy, 1830

APLOMYA Robineau–Desvoidy, 1830

Aplomya confinis (Fallén, 1820)

Literature: STROBL (1893; 1898; 1900); TÖLG & FAHRINGER (1911); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–06.X.2013, 6♂♂, 17♀♀; 11.IV.–10.XII.2014, 10♂♂, 13♀♀.

BACTROMYIA Brauer & Bergenstamm, 1891

Bactromyia aurulenta (Meigen, 1824)

Literature: PERNEK *et al.* (2016); TSCHORSNIG (2017).

BUQUETIA Robineau–Desvoidy, 1847

Buquetia musca Robineau–Desvoidy, 1847

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–06.X.2013, 1♂, 1♀; 10.V.–10.X.2014, 1♂, 7♀♀.

CARCELIA Robineau–Desvoidy, 1830

Carcelia bombylans Robineau–Desvoidy, 1830

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Carcelia dubia (Brauer & Bergenstamm, 1891)

Literature: THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1931); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Carcelia falenaria (Rondani, 1859)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 3♂♂; 16.III.–10.V.2014, 2♂♂, 5♀♀.

Carcelia gnava (Meigen, 1824) [as *Carcelia cheloniae* (Rondani, 1859) of KOVAČEVIĆ (1926), see HERTING (2017) and TSCHORSNIG (2017)]

Literature: LANGHOFFER (1920); KOVAČEVIĆ (1926; 1928); BARANOV (1928; 1931); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); HERTING (2017); TSCHORSNIG (2017).

Carcelia laxifrons Villeneuve, 1912 [as *Carcelia cheloniae* (Rondani, 1859) of KOVAČEVIĆ (1928), see TSCHORSNIG (2017)]

Literature: KOVAČEVIĆ (1928); TSCHORSNIG (2017).

Carcelia lucorum (Meigen, 1824) [= *Carcelia cheloniae* (Rondani, 1859); = *Exorista cheloniae* (Rondani, 1859)]

Literature: STROBL (1893; 1902; 1904); BARANOV (1928; 1931); COE (1960); RUCNER (1994); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

CATAGONIA Brauer & Bergenstamm, 1891*Catagonia aberrans* (Rondani, 1859)

Literature: STROBL (1893); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–13.VII.2013, 1♂; 29.VI.–20.VII.2014, 1♀.

CESTONIA Rondani, 1861*Cestonia cineraria* Rondani, 1861

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 24.VIII.–14.IX.2014, 1♂.

CHETINA Rondani, 1856*Chetina setigena* (Rondani, 1856)

Literature: LUTOVINOVAS *et al.* (2018).

DRINO Robineau-Desvoidy, 1863*Drino atropivora* (Robineau-Desvoidy, 1830) [as tachinid indent. of PABST (1890a; 1890b) and NOVAK (1899), see HERTING (2017) and TSCHORSNIG (2017)]

Literature: PABST (1890a; 1890b); STROBL (1893); BRAUER & BERGENSTAMM (1894); NOVAK (1899); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a); HERTING (2017); TSCHORSNIG (2017).

Drino inconspicua (Meigen, 1830) [= *Sturmia cursitans* (Rondani, 1861)]

Literature: STROBL (1893); THALHAMMER (1899); BURGESS & CROSSMAN (1929); BARANOV (1931); MELIS (1940); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017). – Material: Gornji Muć, 22.VI.–28.VII.2013, 2♀♀.

EPICAMPOCERA Macquart, 1849*Epicampocera succincta* (Meigen, 1824)

Literature: LANGHOFFER (1920); BARANOV (1928). – Material: Gornji Muć, 28.IX.–10.X.2014, 1♀.

ERYCIA Robineau-Desvoidy, 1830*Erycia fasciata* Villeneuve, 1924

Literature: HERTING (1984); MIHÁLYI (1986); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

LYDELLA Robineau–Desvoidy, 1830*Lydella grisescens* Robineau–Desvoidy, 1830Literature: LUTOVINOVAS *et al.* (2018).*Lydella thompsoni* Herting, 1959 [= *Ceromasia juvenilis* auct. nec (Rondani, 1861); = *Ceromasia senilis* auct. nec (Meigen, 1928); as *Lydella grisescens* Robineau–Desvoidy, 1830 of HADŽISTEVIĆ (1961), see HERTING (2017) and TSCHORSNIG (2017)]Literature: BARANOV & HERGULA (1928); HERGULA (1928; 1929); BARANOV (1930c); HADŽISTEVIĆ (1961); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); HERTING (2017); TSCHORSNIG (2017).**PHEBELLIA Robineau–Desvoidy, 1846***Phebellia nigripalpis* (Robineau–Desvoidy, 1847) [= *Parexorista setosa* Brauer & Bergenstamm 1891]Literature: BRAUER & BERGENSTAMM (1891); THALHAMMER (1899); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).**PHRYXE Robineau–Desvoidy, 1830***Phryxe caudata* (Rondani, 1859)Literature: HERTING (1993); RUBIN (2000); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).*Phryxe magnicornis* (Zetterstedt, 1838)Literature: LUTOVINOVAS *et al.* (2018).*Phryxe nemea* (Meigen, 1824)Literature: KOVAČEVIĆ (1926; 1928); PERNEK *et al.* (2016); HERTING (2017); TSCHORSNIG (2017). – Material: Gornji Muć, 11.IV.–28.VI.2014, 2♂♂.*Phryxe prima* (Brauer & Bergenstamm, 1889)Literature: STROBL (1893); THALHAMMER (1899); TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a); TSCHORSNIG (2017).*Phryxe vulgaris* (Fallén, 1810) [= *Tachina vernalis* Robineau–Desvoidy, 1863]Literature: STROBL (1893; 1898; 1900; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); KOVAČEVIĆ (1926; 1928); BARANOV (1928); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); HERTING (2017); TSCHORSNIG (2017). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀; 10.–24.V.2014, 1♀.**PSEUDOPERICHAETA Brauer & Bergenstamm, 1899***Pseudoperichaeta nigrolineata* (Walker, 1853) [= *Zenillia roseanae* (Brauer & Bergenstamm, 1891)]Literature: BARANOV (1929c); HERGULA (1929); PARKER *et al.* (1929); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); HERTING (2017); TSCHORSNIG (2017).*Pseudoperichaeta palesioidea* (Robineau–Desvoidy, 1830)Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 29.VI.–20.VII.2014, 1♀.**PTESIOMYIA Brauer & Bergenstamm, 1893***Ptesiomyia alacris* (Meigen, 1824)Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).**SENOTOPIA Macquart, 1834***Senotopia confundens* (Rondani, 1859) [= *Parexorista flavicans* auct. nec (Macquart)]Literature: THALHAMMER (1899); BARANOV (1931); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Senometopia excisa (Fallén, 1820)

Literature: STROBL (1893; 1898; 1900; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928; 1931); COE (1962); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Senometopia separata (Rondani, 1859) [as *Carcelia cheloniae* (Rondani, 1859) of KOVAČEVIĆ (1926), see HERTING (2017) and TSCHORSNIG (2017)]

Literature: KOVAČEVIĆ (1926; 1928); HERTING (2017); TSCHORSNIG (2017).

Senometopia susurrans (Rondani, 1859)

Literature: BARANOV (1931); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Senometopia sp. [as *Pales pavida* (Meigen, 1824) of PERNEK *et al.* (2013), see TSCHORSNIG (2017)]

Literature: PERNEK *et al.* (2013; 2016); TSCHORSNIG (2017).

THECOCARCELIA Townsend, 1933*Thecocarcelia acutangulata* (Macquart, 1850)

Literature: LUTOVINOVAS *et al.* (2018).

TOWNSENDIELLOMYIA Baranov, 1932*Townsendiellomyia nidicola* (Townsend, 1908) [prb. erroneous of KOVAČEVIĆ (1926), see HERTING (2017) and TSCHORSNIG (2017)]

Literature: KOVAČEVIĆ (1926; 1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); HERTING (2017); TSCHORSNIG (2017).

Ethillini Mesnil, 1944

ATYLOMYIA Brauer, 1898*Atylomyia loewii* Brauer, 1898

Literature: LUTOVINOVAS *et al.* (2018).

ETHILLA Robineau–Desvoidy, 1863*Ethilla aemula* (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PARATRYPHERA Brauer & Bergenstamm, 1891*Paratryphera barbatula* (Rondani, 1859)

Literature: LUTOVINOVAS *et al.* (2018).

Paratryphera bisetosa (Brauer & Bergenstamm, 1891)

Literature: LUTOVINOVAS *et al.* (2018).

Exoristini Robineau–Desvoidy, 1863

BESSA Robineau–Desvoidy, 1830*Bessa parallela* (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a); TSCHORSNIG (2017).

CHETOGENA Rondani, 1856*Chetogena acuminata* Rondani, 1859

Literature: POHJOISMÄKI *et al.* (2016). – Material: Gornji Muć, 11.VIII.–15.IX.2013, 1♀.

Chetogena filipalpis Rondani, 1859

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♂.

Chetogena micronychia (Masson, 1969)

Literature: LUTOVINOVAS *et al.* (2018).

Chetogena obliquata (Fallén, 1810)

Literature: TÖLG & FAHRINGER (1911); LANGHOFFER (1920); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Chetogena rondaniana (Villeneuve, 1931)

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

DIPLOSTICHUS Brauer & Bergenstamm, 1889

Diplostichus janitrix (Hartig, 1838)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

EXORISTA Meigen, 1803

Exorista civilis (Rondani, 1859) [= *Eutachina civilis* (Rondani, 1859)]

Literature: BARANOV (1930b; 1932); BRITVEC (2004); HERTING (2017); TSCHORSNIG (2017).

Exorista deligata Pandellé, 1896 [= *Micropalpus aberrans* Strobl, 1893; = *Tachina aberrans* (Strobl, 1893)]

Literature: STROBL (1893; 1898; 1900; 1902; 1904); BARANOV (1928); COE (1960); HERTING (1984; 1985); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

Exorista florentina Herting, 1975

Literature: Herting (1975); TSCHORSNIG & HERTING (1994).

Exorista glossatorum (Rondani, 1959)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Exorista grandis (Zetterstedt, 1844)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

Exorista larvarum (Linnaeus, 1758)

Literature: THALHAMMER (1899); LANGHOFFER (1920); KOVAČEVIĆ (1928); MELIS (1940); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

Exorista nympharum (Rondani, 1859)

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Exorista rustica (Fallén, 1810)

Literature: BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Exorista segregata (Rondani, 1859) [= *Parasetigena segregata* (Rondani, 1859)]

Literature: LANGHOFFER (1920); MELIS (1940); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

Exorista unicolor (Stein, 1924)

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–13.VII.2013, 1♀.

Exorista xanthaspis (Wiedemann, 1830)

Literature: BARANOV (1930b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PHORINIA Robineau-Desvoidy, 1830

Phorinia aurifrons Robineau-Desvoidy, 1830

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 28.VII.–11.VIII.2013, 1♀; 10.–24.V.2014, 1♀.

PHOROCERA Brauer & Bergenstamm, 1889

Phorocera assimilis (Fallén, 1810) [= *Phorocera agilis* Robineau–Desvoidy, 1930]

Literature: LANGHOFFER (1920); BARANOV (1928); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Phorocera obscura (Fallén, 1810) [= *Phorocera caesifrons* Macquart, 1850]

Literature: BARANOV (1928); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Goniini Lioy, 1864

BAUMHAUERIA Meigen, 1838

Baumhaueria microps Mesnil, 1963

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16. III.–27.IV.2014, 1♂, 1♀.

BLEPHARIPA Rondani, 1856

Blepharipa pratensis (Meigen, 1824) [= *Masicera pratensis* (Meigen, 1824); = *Crossocosmia scutellata* (Robineau–Desvoidy, 1830)]

Literature: STROBL (1893); THALHAMMER (1899); BARANOV (1928); COE (1962); BRITVEC (2000; 2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

BOTRIA Rondani, 1856

Botria frontosa (Meigen, 1824) [= *Bothria pascuorum* Rondani, 1859]

Literature: BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

BRACHICHETA Rondani, 1861

Brachicheta strigata (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

CADURCIA Villeneuve, 1926

Cadurgia casta (Rondani, 1861)

Literature: LUTOVINOVAS *et al.* (2018).

CERATOCHAETOPS Mesnil, 1954

Ceratochaetops delphinensis (Villeneuve, 1931)

Literature: LUTOVINOVAS *et al.* (2018).

CEROMASIA Rondani, 1856

Ceromasia rubrifrons (Macquart, 1834) [= *Ceromasia florum* (Macquart, 1850)]

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

CLEMELIS Robineau–Desvoidy, 1863

Clemelis pullata (Meigen, 1824) [= *Phorocera polleniella* Rondani, 1859]

Literature: STROBL (1893; 1898; 1900); THALHAMMER (1899); HADŽISTEVIĆ (1961); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017). – Material: Gornji Muć, 22.VI.–06.X.2013, 3♀♀; 29.VI.–28.IX.2014, 4♀♀.

CYZENIS Robineau–Desvoidy, 1863

Cyzenis albicans (Fallén, 1810)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

DOLICHOCOLON Brauer & Bergenstamm, 1889*Dolichocolon paradoxum* Brauer & Bergenstamm, 1889

Literature: BRAUER & BERGENSTAMM (1889); STROBL (1893; 1898); HERTING (1974; 1984); HUBENOV (2008a); CERRETTI & SHIMA (2011); O'HARA & CERRETTI (2016).
 – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀; 21.VII.–10.VIII.2014, 1♀.

ERYNNIA Robineau–Desvoidy, 1830*Erynnia ocypterata* (Fallén, 1810) [= *Erynnia nitida* Robineau–Desvoidy, 1830]

Literature: STROBL (1893; 1898; 1900); THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

ERYTHROCERA Robineau–Desvoidy, 1848*Erythroceras nigripes* (Robineau–Desvoidy, 1830) [= *Pexomya rubifrons* (Perris, 1852)]

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

EUMEA Robineau–Desvoidy, 1863*Eumea linearicornis* (Zetterstedt, 1844)

Literature: LUTOVINOVAS *et al.* (2018).

EURYSTHAEA Robineau–Desvoidy, 1863*Eurysthaea scutellaris* (Robineau–Desvoidy, 1848)

Literature: WACHTL (1889); BARANOV (1928); TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a); PERNEK *et al.* (2016); TSCHORSNIG (2017).

FRONTINA Meigen, 1838*Frontina laeta* (Meigen, 1824)

Literature: FRAUENFELD (1856); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

GONIA Meigen, 1803*Gonia bimaculata* Wiedemann, 1819

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Gonia capitata (De Geer, 1776)

Literature: FRAUENFELD (1856); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Gonia divisa Meigen, 1826

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Gonia ornata Meigen, 1826 [= *Gonia lateralis* Zeller, 1842]

Literature: STROBL (1902; 1904); TÖLG & FAHRINGER (1911); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Gonia picea (Robineau–Desvoidy, 1830) [= *Gonia fasciata* Meigen, 1826]

Literature: LANGHOFFER (1920); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–11.IV.2014, 1♀.

Gonia vacua Meigen, 1826

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

MASICERA Macquart, 1834

Masicera pavoniae (Robineau–Desvoidy, 1830) [as *Tachina silvatica* Fallén, 1810 of BRISCHKE (1885) and RIEDEL (1908), and tachinids indent. of KUHLMANN (1890), see HERTING (2017) and TSCHORSNIG (2017)]

Literature: BRISCHKE (1885); KUHLMANN (1890); RIEDEL (1908); HERTING (1960; 2017); TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); MÜCKSTEIN *et al.* (2007); HUBENOV (2008a); TSCHORSNIG (2017).

Masicera silvatica (Fallén, 1810) [= *Tachina silvatica* Fallén, 1810]

Literature: STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG (1990); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Masicera sphingivora (Robineau–Desvoidy, 1830) [as *Masicera silvatica* (Fallén, 1810) and *Masicera pratensis* (Meigen, 1824) of KOVAČEVIĆ (1928), see HERTING (2017) and TSCHORSNIG (2017)]

Literature: KOVAČEVIĆ (1928); TSCHORSNIG *et al.* (2004); TSCHORSNIG (2005; 2017); HUBENOV (2008a); HERTING (2017). – Material: Gornji Muć, 11.VIII.–06.X.2013, 1♀; 10.V.–10.VIII.2014, 2♀♀.

OCYTATA Gistel, 1848

Ocytata pallipes (Fallén, 1820)

Literature: RUCNER (1994). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀; 24.VIII.–23.XI.2014, 2♂♂, 1♀.

PALES Robineau–Desvoidy, 1830

Pales pavidata (Meigen, 1824) [= *Phorocera cilipeda* Rondani, 1895]

Literature: STROBL (1900); CERRETTI (2005); HUBENOV (2008a); PERNEK *et al.* (2016); TSCHORSNIG (2017). – Material: Gornji Muć, 10.VIII.–23.XI.2014, 4♀♀; Molunat, 21.V.2007, 1♂.

Pales pumicata (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

PEXOPSIS Meigen, 1824

Pexopsis aprica (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PHRYNO Robineau–Desvoidy, 1830

Phryno vetula (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

PLATYMYA Robineau–Desvoidy, 1830

Platymya antennata (Brauer & Bergenstamm, 1891)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Platymya fimbriata (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

PROSOPEA Rondani, 1861

Prosopea nigricans (Egger, 1861)

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 08.VI.–20.VII.2014, 4♀♀.

PSEUDOGONIA Brauer & Bergenstamm, 1889*Pseudogonia parisiaca* (Robineau–Desvoidy, 1851)Literature: Tschorsnig *et al.* (2004); Hubenov (2008a).*Pseudogonia rufifrons* (Wiedemann, 1830)Literature: Tschorsnig *et al.* (2004); Hubenov (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀.**SPALLANZANIA Robineau–Desvoidy, 1830***Spallanzania hebes* (Fallén, 1820)Literature: Strobl (1902; 1904); Langhoffer (1920); Baranov (1928); Tschorsnig *et al.* (2004); Hubenov (2008a).*Spallanzania rectistylum* (Macquart, 1847)Literature: Herting (1984); Tschorsnig *et al.* (2004); Hubenov (2008a). – Material: Gornji Muć, 22.VI.–06.X.2013, 1♂, 1♀; 28.IX.–26.X.2014, 2♂♂, 3♀♀.**STURMIA Robineau–Desvoidy, 1830***Sturmia bella* (Meigen, 1824) [= *Sturmia vanessae* Robineau–Desvoidy, 1830]Literature: Langhoffer (1920); Baranov (1928); Britvec (2000; 2004); Tschorsnig *et al.* (2004); Hubenov (2008a). – Material: Gornji Muć, 24.VIII.–14.IX.2014, 1♀.**ZENILLIA Robineau–Desvoidy, 1830***Zenillia libatrix* (Panzer, 1798) [= *Exorista fulva* (Fallén, 1810)]

Literature: Frauenfeld (1860); Kovačević (1928); Tschorsnig (2017).

Thrixionini Townsend, 1913

THRIXION Brauer & Bergenstamm, 1889*Thrixion aberrans* (Schiner, 1862) [as Diptera indent. of Siebold (1843), see Herting (2017) and Tschorsnig (2017)]Literature: Siebold (1843); Herting (1984; 2017); Tschorsnig *et al.* (2004); Hubenov (2008a); Tschorsnig (2017).

Winthemiini Townsend, 1913

NEMORILLA Rondani, 1856*Nemorilla floralis* (Fallén, 1810)Literature: Strobl (1893); Thalhammer (1899); Baranov (1928); Britvec (2004); Tschorsnig *et al.* (2004); Hubenov (2008a).*Nemorilla maculosa* (Meigen, 1824) [as *Nemorilla floralis* (Fallén, 1810) of Melis (1940), see Tschorsnig (2017)]Literature: Strobl (1893; 1898; 1900); Langhoffer (1920); Melis (1940); Tschorsnig *et al.* (2004); Hubenov (2008a); Tschorsnig (2017). – Material: Gornji Muć, 11.VIII.–06.X.2013, 1♂, 2♀♀; 10.VIII.–14.IX.2014, 2♀♀.**SMIDTIA Robineau–Desvoidy, 1830***Smidtia amoena* (Meigen, 1824)Literature: Lutovinovas *et al.* (2018).

WINTHEMIA Robineau–Desvoidy, 1830*Winthemia quadripustulata* (Fabricius, 1794)Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).*Winthemia venusta* (Meigen, 1824)Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PHASIINAE Robineau–Desvoidy, 1830

Catharosiini Townsend, 1936

CATHAROSIA Rondani, 1868*Catharosia flavicornis* (Zetterstedt, 1859)Literature: LUTOVINOVAS *et al.* (2018).*Catharosia pygmaea* (Fallén, 1815)Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 28.VII.–11.VIII.2013, 1♂; 11.IV.–10.VIII.2014, 2♀♀.

Cylindromyiini Townsend, 1912

BESSERIA Robineau–Desvoidy, 1830*Besseria lateritia* (Meigen, 1824)Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).*Besseria melanura* (Meigen, 1824)Literature: STROBL (1893; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).*Besseria reflexa* Robineau–Desvoidy, 1830Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–11.VIII.2013, 2♂♂, 10♀♀; Paklenica, 27.V.2002, 1♀.*Besseria zonaria* (Loew, 1847)Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).**CYLINDROMYIA Meigen, 1803***Cylindromyia auriceps* (Meigen, 1838) [= *Ocypterula auriceps* Meigen, 1838]Literature: LANGHOFFER (1920); BARANOV (1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–15.IX.2013, 4♂♂, 2♀♀; 08.VI.–14.IX.2014, 1♂, 1♀; Senj, 18.V.2007, 1♂.*Cylindromyia bicolor* (Olivier, 1812)Literature: LANGHOFFER (1920); BARANOV (1928; 1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 2♂♂, 2♀♀; 21.VII.–10.VIII.2014, 1♀.*Cylindromyia brassicaria* (Fabricius, 1775) [= *Ocyptera boscii* (Robineau–Desvoidy, 1830); = *Ocyptera brassicaria* Fabricius, 1775]Literature: FRAUENFELD (1860); STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928; 1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 7♂♂, 6♀♀; 08.VI.–24.VIII.2014, 2♂♂, 2♀♀.

Cylindromyia crassa (Loew, 1845)

Literature: LUTOVINOVAS *et al.* (2018).

Cylindromyia intermedia (Meigen, 1824) [= *Cylindromyia excisa* (Loew, 1845); = *Ocyptera intermedia* Meigen, 1824; = *Ocyptera scalaris* Loew, 1844]

Literature: STROBL (1893; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928; 1929b); COE (1960); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 2♂♂, 1♀; Molunat, 21.V.2007, 1♂; Senj, 18.V.2007, 1♂; Vodice, 08.IX.2008, 1♂.

Cylindromyia interrupta (Meigen, 1824)

Literature: THALHAMMER (1899); STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928; 1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Cylindromyia pilipes (Loew, 1844) [= *Ocyptera pilipes* Loew, 1844]

Literature: STROBL (1893; 1902; 1904); LANGHOFFER (1896; 1920); THALHAMMER (1899); BARANOV (1928; 1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Cylindromyia pusilla (Meigen, 1824) [= *Ocypterula costalis* (Loew, 1844); = *Ocypterula pusilla* Meigen, 1824]

Literature: STROBL (1893; 1898; 1900; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928; 1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Cylindromyia rubida (Loew, 1854)

Literature: LOEW (1854); SCHINER (1862); STROBL (1898; 1900; 1902; 1904); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); O'HARA & CERRETTI (2016).

Cylindromyia rufifrons (Loew, 1844)

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 28.VII.–11.VIII.2013, 1♀.

Cylindromyia rufipes (Meigen, 1824) [= *Ocyptera rufipes* Meigen, 1824]

Literature: FRAUENFELD (1856); SCHINER (1862); STROBL (1893; 1898; 1900); LANGHOFFER (1920); BARANOV (1928; 1929b); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Cylindromyia xylotina (Egger, 1860)

Literature: LUTOVINOVAS *et al.* (2018).

HEMYDA Robineau-Desvoidy, 1830*Hemyda vittata* (Meigen, 1824)

Literature: FRAUENFELD (1856); STROBL (1898; 1900); THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

LOPHOSIA Meigen, 1824*Lophosia fasciata* Meigen, 1824

Literature: BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PHANIA Meigen, 1824*Phania curvicauda* (Fallén, 1820)

Literature: LUTOVINOVAS *et al.* (2018).

Phania funesta (Meigen, 1824) [= *Weberia pseudofunesta* Villeneuve, 1931]

Literature: COE (1960); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Leucostomatini Townsend, 1908

CLAIRVILLIA Robineau–Desvoidy, 1830

Clairvillia biguttata (Meigen, 1824)

Literature: STROBL (1893; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Clairvillia pninae Kugler, 1971

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

DIONAEA Robineau–Desvoidy, 1830

Dionaea aurifrons (Meigen, 1824)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–28.VII.2013, 1♂, 1♀.

EULABIDOGASTER Belanovksy, 1951

Eulabidogaster setifacies (Rondani, 1861)

Literature: STROBL (1893; 1898; 1900); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀; 08.VI.–24.VIII.2014, 1♂, 2♀♀.

LABIGASTERA Macquart, 1834

Labigastera nitidula (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

Labigastera pauciseta (Rondani, 1861)

Literature: LUTOVINOVAS *et al.* (2018).

LEUCOSTOMA Meigen, 1803

Leucostoma anthracinum (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

Leucostoma crassum Kugler, 1966

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 2♀♀.

Leucostoma edentatum Kugler, 1978

Literature: LUTOVINOVAS *et al.* (2018).

Leucostoma simplex (Fallén, 1815) [= *Leucostoma aterrima* (Villers, 1789)]

Literature: LANGHOFFER (1920); BARANOV (1928); KEGLEVIĆ (1970); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 5♂♂, 2♀♀; 08.VI.–14.IX.2014, 2♂♂, 1♀.

Leucostoma tetraptera (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

Leucostoma turonicum Dupuis, 1964

Literature: LUTOVINOVAS *et al.* (2018).

Phasiini Robineau–Desvoidy, 1830

CISTOGASTER Latreille, 1804

Cistogaster globosa (Fabricius, 1775)

Literature: FRAUENFELD (1856); STROBL (1893); THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–13.VII.2013, 1♀; 29.VI.–20.VII.2014, 1♂; Senj, 18.V.2007, 1♀.

CLYTIOMYA Rondani, 1861

Clytiomya continua (Panzer, 1798) [= *Clytia dalmatica* Robineau–Desvoidy, 1830]

Literature: SCHINER (1862); STROBL (1893; 1898; 1900); HERTING (1984); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 10.–24. VIII.2014, 1♀.

Clytiomya dupuisi Kugler, 1971

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Clytiomya mesnili Kugler, 1968

Literature: LUTOVINOVAS *et al.* (2018).

Clytiomya sola (Rondani, 1861) [= *Clytia latifrons* Strobl, 1893; = *Clytiomyia dalmatica* auct. nec (Robineau–Desvoidy, 1830)]

Literature: STROBL (1893); BRAUER (1898); THALHAMMER (1899); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–06.X.2013, 2♀♀; 21.VII.–10.VIII.2014, 1♀.

ECTOPHASIA Townsend, 1912

Ectophasia crassipennis (Fabricius, 1794) [= *Phasia rostrata* Egger, 1860; = *Phasia strigata* Girschner, 1888]

Literature: STROBL (1893; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Ectophasia leucoptera (Rondani, 1865)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 28. IX.–10.X.2014, 1♀.

Ectophasia oblonga (Robineau–Desvoidy, 1830)

Literature: RIEGER & TSCHORSNIG (2001); TSCHORSNIG *et al.* (2004); TSCHORSNIG (2005; 2017); HUBENOV (2008a). – Material: Senj, 18.V.2007, 1♀.

ELIOZETA Rondani, 1856

Eliozeta helluo (Fabricius, 1805) [= *Clytia helvola* Meigen, 1824]

Literature: STROBL (1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

ELOMYA Robineau–Desvoidy, 1830

Elomya lateralis (Meigen, 1824)

Literature: FRAUENFELD (1860); STROBL (1898); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

GYMNOSOMA Meigen, 1803

Gymnosoma clavatum (Rohdendorf, 1947)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 5♂♂, 9♀♀; 08.VI.–20.VII.2014, 1♂, 7♀♀; Molunat, 21.V.2007, 1♀; Pula, 07.IX.2009, 1♂.

Gymnosoma costatum (Panzer, 1800)

Literature: THALHAMMER (1899); STROBL (1902; 1904); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–28.VII.2013, 1♂, 1♀.

Gymnosoma dolycoridis Dupuis, 1961

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 10.–24. VIII.2014, 1♀.

Gymnosoma inornatum Zimin, 1966

Literature: HUBENOV (2008a).

Gymnosoma nitens Meigen, 1824

Literature: STROBL (1893; 1898; 1900; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–15.IX.2013, 6♂♂, 15♀♀; 27.IV.–10.V.2014, 1♂.

Gymnosoma rotundatum (Linnaeus, 1758)

Literature: FRAUENFELD (1856); STROBL (1893; 1898; 1900; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Gymnosoma rungsi Mesnil, 1952

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PHASIA Latreille, 1804

Phasia aurigera (Egger, 1860) [= *Allophora bonapartei* (Rondani, 1861)]

Literature: BARANOV (1928); SUN & MARSHALL (2003); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Phasia aurulans Meigen, 1824

Literature: SUN & MARSHALL (2003).

Phasia hemiptera (Fabricius, 1794) [= *Allophora eximia* (Girschner, 1887)]

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Phasia obesa (Fabricius, 1798)

Literature: SUN & MARSHALL (2003); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Phasia pandellei (Dupuis, 1957)

Literature: HERTING (1984); SUN & MARSHALL (2003); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Phasia pusilla Meigen, 1824

Literature: LANGHOFFER (1920); SUN & MARSHALL (2003); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 24.VIII.–14.IX.2014, 1♂.

Phasia subcoleoprata (Linnaeus, 1767)

Literature: SUN & MARSHALL (2003); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

XYSTA Meigen, 1824

Xysta holosericea (Fabricius, 1805)

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Strongygastrini Townsend, 1936

STRONGYGASTER Macquart, 1834

Strongygaster globula (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Trichopodini Townsend, 1908

TRICHOPODA Berthold, 1827

Trichopoda pennipes (Fabricius, 1781)

Literature: BYSTROWSKI (2012).

TACHININAE Robineau–Desvoidy, 1830

Bigonichetini Townsend, 1913

TRIARTHRIA Stephens, 1829

Triarthria setipennis (Fallén, 1810)

Literature: LUTOVINOVAS *et al.* (2018).

Brachymerini Mesnil, 1939

PELAMERA Herting, 1969

Pelamera atra (Rondani, 1861)

Literature: LUTOVINOVAS *et al.* (2018).

Graphogastrini Townsend, 1931

GRAPHOGASTER Rondani, 1868

Graphogaster parvipalpis Kugler, 1974

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Graphogaster vestita Rondani, 1868 [= *Paracyrillia maculata* Strobl, 1893]

Literature: STROBL (1893; 1898; 1900); HERTING (1984); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 28.VII.–11.VIII.2013, 1♀; Vir, 28.VI.2011, 1♀.

PHYTOMYPTERA Rondani, 1845

Phytomyptera nigrina (Meigen, 1824) [= *Phytomyptera nitidiventris* Rondani, 1845]

Literature: STROBL (1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Ernestiini Townsend, 1912

ELOCERIA Robineau–Desvoidy, 1863

Eloceria delecta (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

EURITHIA Robineau–Desvoidy, 1844

Eurithia anthophila (Robineau–Desvoidy, 1830) [= *Ernestia radicum* auct. nec (Linnaeus, 1758)]

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Eurithia connivens (Zetterstedt, 1844) [= *Ernestia connivens* (Zetterstedt, 1844)]

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Eurithia consobrina (Meigen, 1824) [= *Ernestia consobrina* (Meigen, 1824)]

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

LOEWIA Egger, 1856

Loewia brevifrons (Rondani, 1856)

Literature: SCHINER (1862); STROBL (1898; 1900); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PANZERIA Robineau–Desvoidy, 1830

Panzeria rudis (Fallén, 1810) [= *Ernestia rudis* (Fallén, 1810)]

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Panzeria vagans (Meigen, 1824) [= *Ernestia vagans* (Meigen, 1824)]

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

SYNACTIA Villeneuve, 1915

Synactia parvula (Rondani, 1861)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–13.VII.2013, 2♂♂; 24.V.–14.IX.2014, 3♂♂, 1♀.

ZOPHOMYIA Macquart, 1835

Zophomyia temula (Scopoli, 1763)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Leskiini Townsend, 1919

APHRIA Robineau–Desvoidy, 1830

Aphria longirostris (Meigen, 1824)

Literature: STROBL (1893; 1898; 1900); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 12.VI.–13.VII.2013, 1♀.

BITHIA Robineau–Desvoidy, 1863

Bithia acanthophora (Rondani, 1861)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Bithia demotica (Egger, 1861)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). Material: Gornji Muć, 27.V.–06.X.2013, 3♂♂, 4♀♀; 10.VIII.–10.X.2014, 10♀♀.

Bithia golanensis (Kugler, 1971)

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Bithia immaculata Herting, 1971

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–28.VII.2013, 2♂♂, 4♀♀; 24.V.–28.VI.2014, 6♂♂; Molunat, 21.V.2007, 1♂.

Bithia proletaria (Egger, 1860)

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Bithia spreta (Meigen, 1824) [= *Demoticus frontatus* (Boheman, 1852)]

Literature: STROBL (1893); THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

CLAUSICELLA Rondani, 1856

Clausicella suturata Rondani, 1859

Literature: STROBL (1893; 1902; 1904); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

DEMOTICUS Macquart, 1854*Demoticus plebejus* (Fallén, 1810)Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).**FISCHERIA Robineau–Desvoidy, 1830***Fischeria bicolor* Robineau–Desvoidy, 1830Literature: STROBL (1893; 1898; 1900; 1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).**LESKIA Robineau–Desvoidy, 1830***Leskia aurea* (Fallén, 1820) [= *Myobia aurea* (Fallén, 1820)]Literature: FRAUENFELD (1856); STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); TSCHORSNIG & HERTING (2005); HUBENOV (2008a); TSCHORSNIG (2017). – Material: Gornji Muć, 14.–28.IX.2014, 1♀.**SOLIERIA Robineau–Desvoidy, 1848***Solieria fenestrata* (Meigen, 1824) [= *Myobia fuscana* (Robineau–Desvoidy, 1848)]Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♀.

Linnaemyini Townsend, 1919

CHRYSOSOMOPSIS Townsend, 1916*Chrysosomopsis aurata* (Fallén, 1820) [= *Chrysocosmius auratus* (Fallén, 1820)]Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 24.VIII.–10.X.2014, 1♂, 2♀♀.**LINNAEMYA Robineau–Desvoidy, 1830***Linnaemya comta* (Fallén, 1810)Literature: BARANOV (1928); COE (1962); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 24.V.–08.VI.2014, 1♀.*Linnaemya frater* (Rondani, 1859)Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).*Linnaemya impudica* (Rondani, 1859)Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).*Linnaemya lithosiophaga* (Rondani, 1859)Literature: STROBL (1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 21.VII.–28.IX.2014, 1♂, 8♀♀.*Linnaemya soror* Zimin, 1954Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).*Linnaemya vulpina* (Fallén, 1810) [= *Micropalpus vulpinus* (Fallén, 1810)]Literature: FRAUENFELD (1856); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 11.VIII.–06.X.2013, 2♂♂; 24.VIII.–10.X.2014, 6♂♂, 2♀♀; Vodice, 08.IX.2008, 1♂.

Macquartiini Robineau–Desvoidy, 1830

MACQUARTIA Robineau–Desvoidy, 1830

Macquartia chalconota (Meigen, 1824)

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Macquartia dispar (Fallén, 1820)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–10.XII.2014, 2♂♂, 6♀♀.

Macquartia tenebricosa (Meigen, 1824) [= *Macquartia affinis* Schiner, 1862]

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Macquartia tessellum (Meigen, 1824)

Literature: LUTOVINOVAS *et al.* (2018).

Megaprosopini Townsend, 1908

DEXIOSOMA Rondani, 1856

Dexiosoma caninum (Fabricius, 1781) [= *Dexia canina* (Fabricius, 1781)]

Literature: FRAUENFELD (1860); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

MICROPHTHALMA Macquart, 1843

Microphthalma europaea Egger, 1860 [= *Microphthalma disjuncta* auct. nec (Wiedemann, 1824)]

Literature: LANGHOFFER (1920); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Minthoini Brauer & Bergenstamm, 1889

HYPERAEA Robineau–Desvoidy, 1863

Hyperaea sanguinea (Meigen, 1824)

Literature: STROBL (1893); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

MINTHO Robineau–Desvoidy, 1830

Mintho compressa (Fabricius, 1787) [= *Wiedemania compressa* Fabricius, 1787]

Literature: FRAUENFELD (1856); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Mintho rufiventris (Fallén, 1817) [= *Mintho lacera* Rondani, 1847; = *Mintho praeceps* auct. nec (Scopoli, 1763)]

Literature: THALHAMMER (1899); STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 29.VI.–24.VIII.2014, 1♂, 1♀.

PLESINA Meigen, 1838

Plesina claripennis Mesnil, 1953

Literature: LUTOVINOVAS *et al.* (2018).

ZIMINIA Mesnil, 1963

Ziminia masiceraeformis (Portshinsky, 1881)

Literature: LUTOVINOVAS *et al.* (2018).

Neaerini Mesnil, 1966

NEAERA Robineau–Desvoidy, 1830

Neaera atra Robineau–Desvoidy, 1850

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Nemoraeni Robineau–Desvoidy, 1863

NEMORAEA Robineau–Desvoidy, 1830

Nemoraea pellucida (Meigen, 1824)

Literature: STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928); FORD *et al.* (2000); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

Pelatachinini Mesnil, 1966

PELATACHINA Meade, 1894

Pelatachina tibialis (Fallén, 1810)

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Polideini Brauer & Bergenstamm, 1889

LYPHA Robineau–Desvoidy, 1830

Lypha dubia (Fallén, 1810)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 16.III.–10.V.2014, 3♂♂, 2♀♀.

Siphonini Rondani, 1844

ACTIA Robineau–Desvoidy, 1830

Actia crassicornis (Meigen, 1824)

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–13.VII.2013, 2♂♂; 24.V.–14.IX.2014, 4♂♂, 4♀♀.

Actia infantula (Zetterstedt, 1844)

Literature: LUTOVINOVAS *et al.* (2018).

CEROMYA Robineau–Desvoidy, 1830

Ceromya bicolor (Meigen, 1824)

Literature: STROBL (1893; 1898; 1904). – Material: Gornji Muć, 27.V.–22.VI.2013, 1♂, 1♀; 11.IV.–10.VIII.2014, 3♂♂, 2♀♀.

Ceromya flaviseta (Villeneuve, 1921)

Literature: LUTOVINOVAS *et al.* (2018).

PERIBAEA Robineau–Desvoidy, 1863

Peribaea apicalis Robineau–Desvoidy, 1863

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 29.VI.–20.VII.2014, 1♂.

Peribaea discicornis (Pandellé, 1894)

Literature: LUTOVINOVAS *et al.* (2018).

Peribaea longirostris Andersen, 1996

Literature: LUTOVINOVAS *et al.* (2018).

Peribaea tibialis (Robineau–Desvoidy, 1851)

Literature: STROBL (1893; 1902; 1904); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). –

Material: Gornji Muć, 11.VIII.–15.IX.2013, 1♂; 29.VI.–28.IX.2014, 3♂♂, 1♀.

SIPHONA Meigen, 1803

Siphona flavifrons Staeger, 1849

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 22.VI.–13.VII.2013, 1♂.

Siphona geniculata (De Geer, 1776)

Literature: LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Siphona hokkaidensis Mesnil, 1957

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Siphona pauciseta Rondani, 1865

Literature: LUTOVINOVAS *et al.* (2018).

Siphona rossica Mesnil, 1961

Literature: HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Siphona setosa Mesnil, 1960

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Siphona variata Andersen, 1982

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 27.V.–06.X.2013, 3♀♀.

Tachinini Robineau–Desvoidy, 1830

CNEPHAOTACHINA Brauer & Bergenstamm, 1894

Cnephaotachina danilevskyi (Portshinsky, 1882) [= *Cnephaotachina crepusculi* Brauer & Bergenstamm, 1894]

Literature: COE (1962); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

NOWICKIA Wachtl, 1894

Nowickia atripalpis (Robineau–Desvoidy, 1863)

Literature: BARANOV (1929a); HERTING (1984); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Nowickia ferox (Panzer, 1809) [= *Fabriciella ferox* (Panzer, 1809); = *Fabriciella pandellei* Baranov 1929]

Literature: THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Nowickia marklini (Zetterstedt, 1838)

Literature: BARANOV (1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

PELETERIA Robineau–Desvoidy, 1830

Peleteria abdominalis Robineau–Desvoidy, 1830

Literature: TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Peleteria ferina (Zetterstedt, 1844)

Literature: STROBL (1893; 1902; 1904); LANGHOFFER (1920); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Peleteria rubescens (Robineau-Desvoidy, 1830) [= *Peleteria nigricornis* (Meigen, 1838); = *Peleteria tessellata* auct. nec (Fabricius)]

Literature: STROBL (1893); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Peleteria ruficornis (Macquart, 1835)

Literature: STROBL (1893; 1900; 1902; 1904); THALHAMMER (1899); LANGHOFFER (1920); BARANOV (1928); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Peleteria varia (Fabricius, 1794) [= *Cyphocera pyrrogaster* Rondani, 1859]

Literature: SCHINER (1892); STROBL (1893; 1898; 1900); THALHAMMER (1899); BARANOV (1929a); RUCNER (1994); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

SCHINERIA Rondani, 1857*Schineria tergestina* Rondani, 1859

Literature: THALHAMMER (1899); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

TACHINA Meigen, 1803*Tachina casta* (Rondani, 1859) [= *Eudoromyia lefebvrei* (Robineau-Desvoidy, 1830)]

Literature: LANGHOFFER (1920); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 11.VIII.–06.X.2013, 2♂♂; 14.IX.–10.X.2014, 7♂♂, 3♀♀.

Tachina fera (Linnaeus, 1761)

Literature: FRAUENFELD (1856); STROBL (1898; 1900; 1902; 1904); LANGHOFFER (1920); BARANOV (1928; 1929a); COE (1962); RUCNER (1994); BRITVEC (2004); TSCHORSNIG *et al.* (2004); HUBENOV (2008a). – Material: Gornji Muć, 11.IV.–23.XI.2014, 3♂♂, 2♀♀.

Tachina grossa (Linnaeus, 1758)

Literature: FRAUENFELD (1860); LANGHOFFER (1920); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Tachina lurida (Fabricius, 1781)

Literature: LANGHOFFER (1920); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

Tachina magnicornis (Zetterstedt, 1844) [= *Echinomyia tessellata* (Fabricius, 1794); = *Tachina vernalis* auct. nec Robineau-Desvoidy, 1863]

Literature: FRAUENFELD (1856); SCHINER (1862); STROBL (1902; 1904); LANGHOFFER (1920); BARANOV (1928; 1929a; 1930a); COE (1962); RUCNER (1994); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017). – Material: Gornji Muć, 11.IV.–24.V.2014, 2♂♂.

Tachina praeceps Meigen, 1824

Literature: FRAUENFELD (1860); STROBL (1893; 1898; 1900); BARANOV (1929a); HERTING (1960); TSCHORSNIG *et al.* (2004); HUBENOV (2008a); TSCHORSNIG (2017).

Tachina ursina Meigen, 1824

Literature: LANGHOFFER (1920); BARANOV (1928; 1929a); TSCHORSNIG *et al.* (2004); HUBENOV (2008a).

DISCUSSION

A previous checklist of Croatian Tachinidae included 241 species (HUBENOV, 2008a); this checklist, however, lacks annotations, and also ignores some sources that contain Croatian records. We considered 307 species of Tachinidae in the present study, involving over 100 references, which validated about presences of the species discussed; recently collected material accounted for almost the third of the number of species (100 species), with precise localities, dates and numbers of specimens added, which also supported some of the older references, when these were not supplemented by recent ones. Thus, the following 7 species based solely on older Croatian records have been confirmed by the present study: *Ceromya bicolor*, *Epicamnocera succincta*, *Gastrolepta anthracina*, *Medina melania*, *Ocytata pallipes*, *Periscepsia carbonaria*, and *Wagneria cunctans*. However, records from those older sources, which have not been confirmed by more recent and reliable studies, were considered unreliable, and in that way 32 taxa were excluded from the main species list, 29 as doubtful records, and 3 as doubtful taxa, all reviewed in Appendix 1. The occurrences of the following 10 doubtfully recorded and excluded species from the Croatian fauna tend to indicate their widespread distribution in the Balkans, which makes their presence in Croatia very probable: *Bithia modesta*, *Erycia festinans*, *Exorista mimula*, *Hubneria affinis*, *Lydina aenea*, *Macquartia grisea*, *Medina luctuosa*, *Siphona cristata*, *Winthemia erythrura* and *W. variegata*; on the other hand, the following 2 doubtfully recorded species in Croatia are unverified from the Balkans by more recent and reliable studies, which would tend to indicate that their presence in Croatia is very unlikely: *Hyperaea femoralis* and *Nilea rufiscutellaris* (see Appendix 1).

In this report, Croatia is presented as the fourth country in the region, after Bulgaria, Greece and Romania, with respect to faunistic data (Tab. 2). However, these data do not reflect actual biodiversity, but rather the level of investigation, since Bulgaria is the site of the most intensive research, whereas other countries in the region remain insufficiently studied and require further investigation. Most known species of Croatian tachinid fauna are more eurybiotic and widely distributed in the Palaearctic Region (HUBENOV, 2008a). However, a considerable number of species exhibit a Mediterranean type of distribution, which is due to the relatively large part of the littoral zone owned by this country in comparison to the area that is situated deeper inland. In general, Croatia has a considerably higher than average representation of Mediterranean and South Palaearctic-Palaeotropical species than other Balkan countries and ranks second after Greece (see HUBENOV, 2008a).

Croatia hosts thirteen tachinid species (mostly of the Southern type of distribution) unknown in other parts of the Balkans: *Bithia proletaria*, *Campylocheta confusa*, *Chetogena micronychia*, *Exorista florentina*, *E. unicolor*, *Hyperaea sanguinea*, *Istocheta subcinerea*, *I. sublutescens*, *Meigenia simplex*, *Leucostoma edentatum*, *Peribaea discicornis*, *P. longirostris* and *Ramonda plorans*; among these enumerated taxa, one species (*Campylocheta confusa*) is endemic to Croatia, another two (*Bithia proletaria*, *Exorista unicolor*) are otherwise known only from Italy, and another one (*Istocheta sublutescens*) is otherwise known only from Switzerland as far as it is known at all (HERTING & DELY-DRASKOVITS, 1993; TSC-HORSNIG *et al.*, 2004; CERRETTI, 2010). A further seven Mediterranean and South Palaearctic-Palaeotropical species are known in the Balkans only from Croatia and Greece: *Besseria zonaria*, *Bithia golanensis*, *Ceratochaetops delphinensis*, *Euthera fascipennis*, *Phryxe caudata*, *Plesina claripennis* and *Stomina calvescens* (CERRETTI & ZIEGLER, 2004; HUBENOV, 2008a; 2008b; POHJOISMÄKI *et al.*, 2016; ZEEGERS, 2017; LUTOVINOVAS *et al.*, 2018). Howe-

ver, Croatia is not a large country and the level of knowledge regarding the fauna of some countries in this region is very poor, and especially of the western peninsular countries bordering on Croatia (Slovenia and Bosnia & Herzegovina, but also Macedonia and Albania; see Tab. 2); this suggests that some rarely collected species could possibly be recorded in nearby countries in the future. It also seems fair to say that the Croatian tachinid fauna can be expected to be much richer than currently known.

Tab. 2. Tachinidae fauna in Balkan countries*

Rank	State	No. of species (2018)	Balkan context (%)
1	Bulgaria	409	66.6
2	Greece	340	55.4
3	Romania	330	53.7
4	Croatia	307	50.0
5	Serbia & Montenegro**	290	47.2
6	Slovenia	169	27.5
7	Bosnia & Herzegovina	92	15.0
8	Macedonia	87	14.2
9	Albania	65	10.6
	total	614	100.0

*After GROOT *et al.* (2007), PREDOVNIK & TSCHORSNIG (2007), HUBENOV (2008a, 2008b), ZIEGLER (2010), ROBERTSON & SHAW (2012), STANKOVIĆ *et al.* (2014), POHJOISMÄKI *et al.* (2016), ZEEGERS (2017), and the present publication.

**Published sources provide a cumulative number of species, consisting of a former state that comprised Serbia, Montenegro and Kosovo.

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SAŽETAK

Ažurirani popis hrvatskih muha gusjeničarki (Diptera: Tachinidae)

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U radu smo obradili 307 vrsta muha gusjeničarki (Tachinidae), uključujući literaturne navode koji potvrđuju prisutnost navedenih vrsta, pri čemu smo uključili i novosakupljeni materijal koji sadrži trećinu poznatih vrsta (100 vrsta), s preciznim lokalitetima, datumima i brojem primjeraka, a koji podržava navode nekih starih referenci, koje međutim nisu podržale novije studije. Sljedećih sedam vrsta, poznatih isključivo iz starijih hrvatskih referenci potvrđeno je ovim radom: *Periscepsia carbonaria*, *Wagneria cunctans*, *Gastrolepta antracina*, *Medina melania*, *Epicampecera succincta*, *Ocytata pallipes* i *Ceromya bicolor*. Međutim, navodi istih starijih referenci koji nisu potvrđeni novijim i pouzdanim studijama ili nalazima, definirani su kao nepouzđani i izbačeni iz konačnog popisa. Tako su isključene 32 svojte, 29 kao sumnjivi navodi, a 3 kao taksonomski sumnjive svojte, što je napomenuto i raspravljeno. U Hrvatskoj obitava trinaest vrsta muha gusjeničarki (uglavnom južne rasprostranjenosti) koje ne nalazimo u drugim dijelovima Balkana: *Bithia proletaria*, *Campylocheta confusa*, *Chetogena micronychia*, *Exorista florentina*, *E. unicolor*, *Hyperaea sanguinea*, *Istocheta subcinerea*, *I. sublutescens*, *Meige-*

nia simplex, *Leucostoma edentatum*, *Peribaea discicornis*, *P. longirostris* i *Ramonda plorans*. Međutim, Hrvatska nije velika zemlja, a razina znanja o fauni nekih zemalja ove regije vrlo je loša; što sugerira da neke rijetke vrste u budućnosti mogu biti zabilježene i u obližnjim zemljama. Također možemo očekivati kako će hrvatska fauna muha gusjeničarki u konačnici biti puno bogatija nego što je trenutno poznato.

Appendix 1. Doubtful records and doubtful taxa of Croatian Tachinidae with their occurrences in nearby countries with references:

DEXIINAE

Billaea fortis (Rondani, 1862)

Literature: LANGHOFFER (1920). – Nearby countries: Bulgaria (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Campylocheta praecox (Meigen, 1824) [= *Campylochaeta obscura* auct. nec (Fallén, 1810)]

Literature: LANGHOFFER (1920). – Nearby countries: Greece, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Halidaya aurea Egger, 1856

Literature: FRAUENFELD (1860). – Nearby countries: Bulgaria, Romania (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Thelaira leucozona (Panzer, 1809)

Literature: THALHAMMER (1899). – Nearby countries: Bulgaria, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

EXORISTINAE

Admontia podomyia Brauer & Bergenstamm, 1889 [= *Admontia amica* auct. nec (Meigen)]

Literature: LANGHOFFER (1920); BARANOV (1928). – Nearby countries: Bulgaria (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Admontia seria (Meigen, 1824) [= *Trichoparia seria* (Meigen, 1824)]

Literature: KEGLEVIĆ (1970). – Nearby countries: Romania (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a).

Carcelia tibialis (Robineau-Desvoidy, 1863)

Literature: RUCNER (1994). – Nearby countries: Bulgaria (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Chetogena media Rondani, 1859

Literature: BARANOV (1928). – Nearby countries: Greece, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Drino lota (Meigen, 1824) [= *Exorista lota* Meigen, 1824]

Literature: STROBL (1900). – Nearby countries: Bulgaria, Romania, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Erycia festinans (Meigen, 1824) [= *Ceromasia festinans* Meigen, 1824]

Literature: STROBL (1893; 1900); BARANOV (1928). – Nearby countries: Bulgaria, Greece, Romania, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Exorista mimula (Meigen, 1824) [= *Tachina erucarum* Rondani, 1859]

Literature: STROBL (1893); THALHAMMER (1899); BARANOV (1928). – Nearby countries: Bulgaria, Greece, Romania, Serbia & Montenegro*, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Gonia atra Meigen, 1826

Literature: FRAUENFELD (1856); SCHINER (1862); STROBL (1898; 1900). – Nearby countries: Bulgaria (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Hubneria affinis (Fallén, 1810) [= *Exorista affinis* Fallén, 1810]

Literature: LANGHOFFER (1920). – Nearby countries: Bulgaria, Greece, Macedonia, Romania, Serbia & Montenegro*, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Medina luctuosa (Meigen, 1824)

Literature: LANGHOFFER (1920); BARANOV (1928). – Nearby countries: Bulgaria, Macedonia, Romania, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Meigenia incana (Fallén, 1810)

Literature: KEGLEVIĆ (1970). – Nearby countries: Bulgaria, Greece, Romania (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a).

Nilea rufiscutellaris (Zetterstedt, 1859)

Literature: BARANOV (1928). – Nearby countries: unverified.

Winthemia erythrura (Meigen, 1838)

Literature: LANGHOFFER (1920). – Nearby countries: Bulgaria, Romania, Serbia & Montenegro*, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Winthemia variegata (Meigen, 1824) [= *Winthemia nigrithorax* (Egger, 1861)]

Literature: BARANOV (1928). – Nearby countries: Bulgaria, Romania, Serbia & Montenegro*, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

PHASIINAE

Hemyda obscuripennis (Meigen, 1824) [= *Phania obscuripennis* Meigen, 1824]

Literature: BARANOV (1928). – Nearby countries: Bulgaria, Romania, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

TACHININAE

Cleonice nitidiuscula (Zetterstedt 1859)

Literature: BARANOV (1928). – Nearby countries: Bulgaria (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Bithia modesta (Meigen, 1824)

Literature: LANGHOFFER (1920). – Nearby countries: Bulgaria, Greece, Macedonia, Romania, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Hyperaea femoralis (Meigen, 1824)

Literature: FRAUENFELD (1856); SCHINER (1862); LANGHOFFER (1896); THALHAMMER (1899); STROBL (1902; 1904); BARANOV (1928). – Nearby countries: unverified.

Linnaemya haemorrhoidalis (Fallén, 1810)

Literature: LANGHOFFER (1920); BARANOV (1928). – Nearby countries: Bulgaria, Greece (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Loewia setibarba Egger, 1856

Literature: STROBL (1902; 1904). – Nearby countries: Bulgaria, Romania (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Lydina aenea (Meigen, 1824) [= *Tachina aenea* Meigen, 1824]

Literature: FRAUENFELD (1856). – Nearby countries: Albania, Bulgaria, Greece, Romania, Serbia & Montenegro*, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Macquartia grisea (Fallén, 1810)

Literature: SCHINER (1862). – Nearby countries: Bosnia & Herzegovina, Bulgaria, Romania, Serbia & Montenegro* (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b, 2015).

Siphona cristata (Fabricius, 1805)

Literature: LANGHOFFER (1920); BARANOV (1928). – Nearby countries: Albania, Bulgaria, Greece, Macedonia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2015).

Siphona maculata Stæger, 1849

Literature: THALHAMMER (1899); BARANOV (1928). – Nearby countries: Bulgaria (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Solieria inanis (Fallén, 1810)

Literature: LANGHOFFER (1920). – Nearby countries: Bosnia & Herzegovina, Romania, Slovenia (TSCHORSNIG *et al.*, 2004; HUBENOV, 2008a, 2008b).

Doubtful taxa (*Nomina dubia*)*Cylindromyia nigrata* (Meigen, 1824) [= *Ocyptera nigrata* Meigen, 1824]

Literature: FRAUENFELD (1856).

Graphogaster maculiventris Stein, 1924

Literature: STEIN (1924).

Leucostoma brevis (Rossi, 1790)

Literature: STROBL (1893; 1902; 1904); THALHAMMER (1899).

*Published sources provide a cumulative number of species, consisting of a former state that comprised Serbia, Montenegro and Kosovo.